

**ansorg**

# Lighting Tools



Guiding retail light

Creating buying impulses,  
showcasing goods and inviting  
customers in: that's what a  
well-planned lighting concept  
delivers in a retail setting.  
And that's what has always  
made Ansorg special.

Ansorg combines technical know-how with quality design and lighting expertise. We apply these qualities to a single purpose: setting the scene for your goods to promote your sales. For this, we rely on design-oriented quality products, innovative light control and economical lighting technology.

And the scenes we set are always made to measure. That's because the question »How do you wish your customers to see your shop?« should be answered not only by your shop conditions, but also and above all by your brand identity. And that's where we come in – we ensure exceptional brand experiences every day.



# What makes us stand out from the rest of the market.



## **Quality assurance**

With end-to-end quality management we offer real quality made in Germany – all over the world.

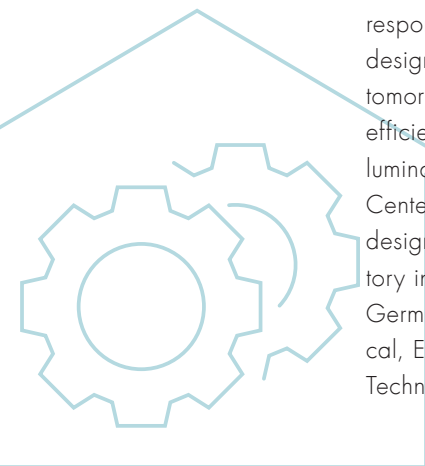


## **All-round carefree services**

Whether lighting design, financing, installation or repair: we offer comprehensive services for sustained maintenance of the value of your investment.

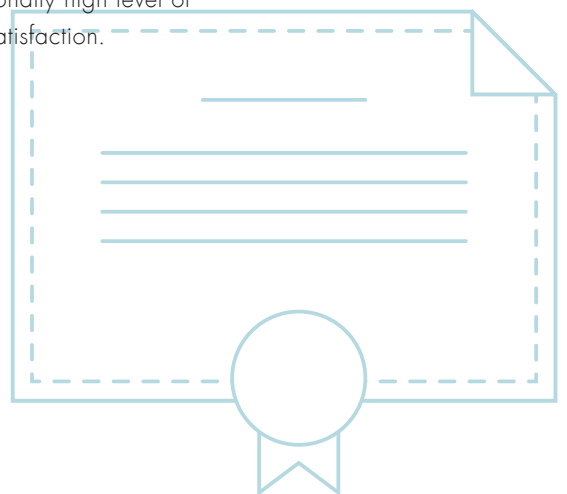
## **Independent product development**

We have two divisions that are responsible for unpretentious design and the technology of tomorrow that ensures greater efficiency and light output in our luminaires – the Product Design Center in development and design and our lighting laboratory in testing, certified by the German Association for Electrical, Electronic and Information Technologies [VDE].

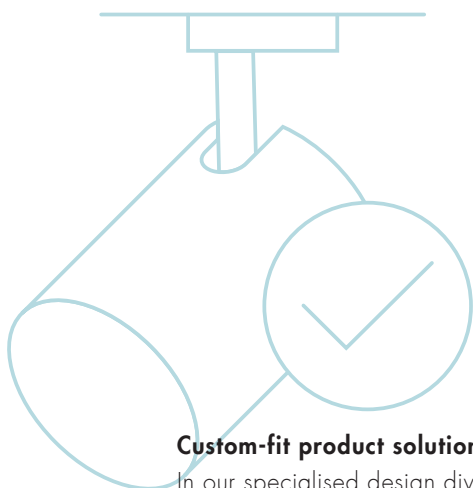


## **Certified processes**

Our processes are certified both nationally and internationally. . And this is reflected in an exceptionally high level of customer satisfaction.





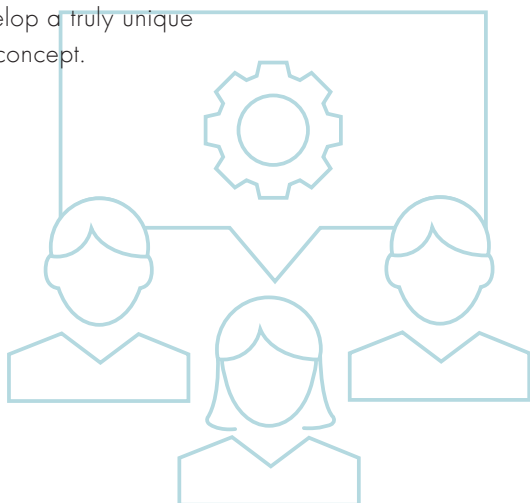


**Custom-fit product solutions**

In our specialised design division we manufacture the luminaire that completely satisfies all of your requirements – exclusively tailored to meet your needs.

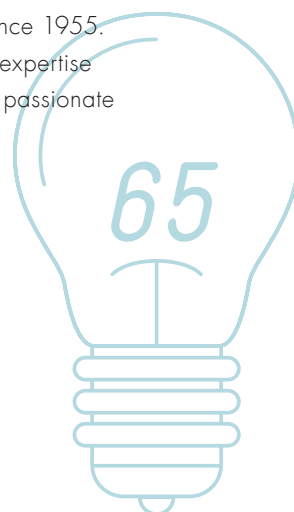
**Customised lighting concepts**

We believe that standard solutions only produce the standard. On your behalf, our international lighting designers will develop a truly unique lighting concept.



**More than 65 years of experience**

Sales promotion with light, and specialised in retail: this has been our hallmark since 1955. And to this day, this expertise makes us a uniquely passionate partner.



**High energy efficiency & newest technologies**

Together with our customers and suppliers, we work to further develop the technology. Our customers are the first to benefit.



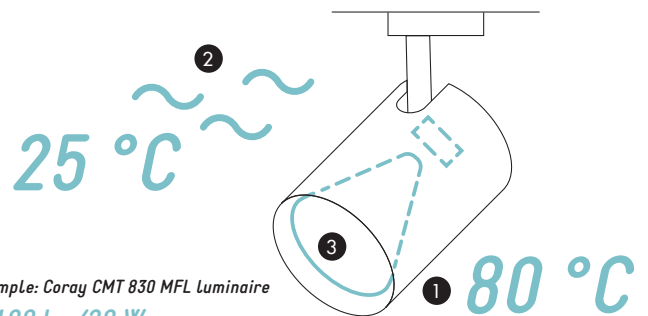
# Efficiency. We deliver dependable values.



We measure the efficiency of our luminaires under standard conditions. This means that we always give you realistic values that provide clear information on the cost effectiveness and the power consumption of the product. Values that you can always rely on. Under these conditions we measure the following:

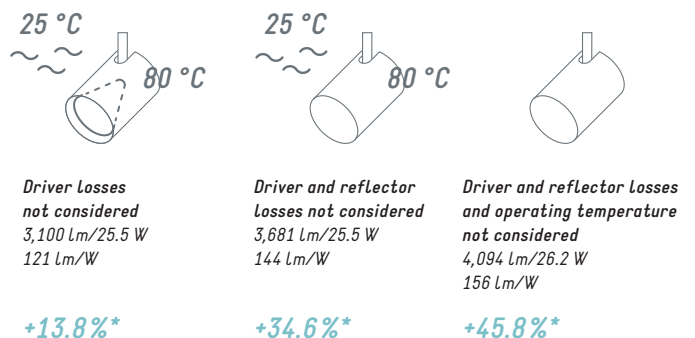
- 1 Measurement of the system luminous flux\* and the electric system power of the luminaire in a thermally saturated condition (operating temperature of the LEDs of 80 °C, for example)
- 2 Measurement in a specified ambient temperature of 25 °C
- 3 Measurement of the system luminous flux and the light distribution curve including all optical components (reflector, lenses or filters)

We measure the complete luminaire in real world conditions to IEC Standards



Example: Coray CMT 830 MFL Luminaire  
3,100 lm/29 W  
107 lm/W

Different measurement criteria lead to data that are not comparable.



\* The system luminous flux is the amount of light emitted by the luminaire in operation.

\* Supposed efficiency increases compared with the measuring situation under standard conditions.



*Question efficiency differences that appear too high and when you buy a luminaire ensure that the product information is specified in compliance with standards*

How can you ensure that you choose the most efficient luminaire for your stores? IEC62722-2-1 is regarded as an international standard for specifying the efficiency of an LED luminaire. And we adhere to this. To ascertain the efficiency of a luminaire the ratio of the light emitted to the energy consumed is measured. The more light generated by the energy supplied, the more efficient the luminaire.

Under these conditions our own light laboratory determines the efficiency of the luminaires. All resulting measuring data are recognised by VDE. Not all luminaire manufacturers provide product information conforming to standards, which is why data on efficiency can differ on the market.

Question efficiency differences that appear too high and when you buy a luminaire ensure that the values are in compliance with standards. Would you like further information?

We will be pleased to advise you

### **Our example on the first page shows that luminaires only save operating and energy costs when the test situation does not differ from the real conditions**

The Coray CMT 830 MFL has an efficiency value of 107 lm/W. For comparative purposes:

- If we measure without considering driver losses we get 121 lm/W. This leads to a supposed efficiency increase of 13.1 per cent.
- If we exclude the reflector losses in addition to the driver losses we get an increase of 34.6 per cent.
- If we also combine these values with a cold operating temperature we get an increase of 45.8 per cent compared with our determined standard value.



100% recyclable,  
no composites,  
easy separation.

# Sustainability. For the environment, mankind and nature.

## **Corporate responsibility guidelines.**

Ansorg meets its obligation towards existing and future generations based on a proactive commitment made many years ago to protect the environment and to use limited resources sparingly. Here at Ansorg, compliance with environmental legislation and the required continuous improvement of environmental performance are not perceived as tiresome obligations. Rather, they are central to our business purpose. Our owners, managing partners and employees are all committed to upholding sustainable business practices at economic, ecological and social level.



## 1. Responsibility

Ansorg is an owner-managed company and a dependable partner. We safeguard integrity and environmental consciousness in our day-to-day operations.



## 2. Durability

Ansorg manufactures products in excellent quality with long life cycles. Services provided to customers in the operating phase, such as maintenance and cleaning, ensure that the products retain their high efficiency and extend their useful lives.



## 3. Ambition

Ansorg follows the latest developments, conserves resources, supports cyclical economy best practices and uses environmentally friendly materials and technologies. Ansorg's light planning experts optimise high-efficiency luminaires in holistic lighting concepts to deliver the best-possible lighting quality and energy footprint.

## 4. People

With innovative lighting expertise and ecological corporate values, Ansorg makes a significant contribution to improving environmental quality and reducing CO<sub>2</sub> emissions in partnership with both customers and employees.



## Environmental management system and code of conduct

Ansorg meets its obligation towards existing and future generations based on a proactive commitment made many years ago to protect the environment and to use limited resources sparingly.

- Here at Ansorg, compliance with environmental legislation and the required continuous improvement of environmental performance are not perceived as tiresome obligations. Rather, they are central to our business purpose.
- First published in 1996, the international ISO 14001 standard sets out internationally acknowledged requirements for environmental management systems. Ansorg obtained ISO 14001 certification at the end of the 1990s.
- Ansorg attaches importance to working environments and conditions that inspire people and encourage productivity. We aim to cultivate healthy and long-term employment relationships with all members of staff.



# Lizzy

## Brilliance meets versatility.

**Lizzy is the Ansorg light module with many faces that can be integrated into any store or retail lighting concept.**

Lizzy unites sophisticated and variational design with perfect quality of light. The highly flexible light module can be fitted with all standard E27 lampshades. As a source of high-quality and flexibly adaptable retail light, it can also be perfectly integrated into existing lighting concepts.

- Consistent light quality, temperature and colour throughout the store
- Fast and easy installation
- High light and design quality
- Energy efficiency
- Suitable as a retrofit option





*Choose the perfect E27 lampshade for your application and Ansorg will deliver the best lighting result with Lizzy.*



The luminaire replaces the generally weak and ineffective light of conventional decorative suspended luminaires with highest quality, professional LED light, uniting interior design and lighting concepts to create a harmonious overall effect. The light is directed by modern lens systems to ensure consistent light quality, temperature and colour throughout the store.

**Applications**

Lizzy can easily be installed anywhere in the store and the E27 lampshades are quick and easy to replace. The LED module can also be adjusted for special light effects such as brilliant white or natural meat. Lizzy therefore opens up a range of entirely new applications for decorative suspended luminaires:

- Fresh produce and check-out zones
- Information counter and vehicle delivery points
- Dining and run-off areas
- Lounges and bars
- Receptions and flexible office areas
- Highlight areas

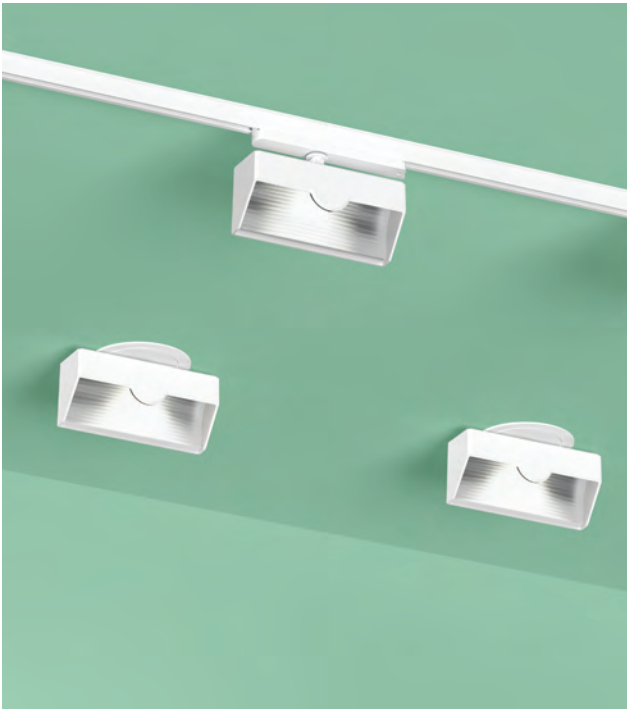




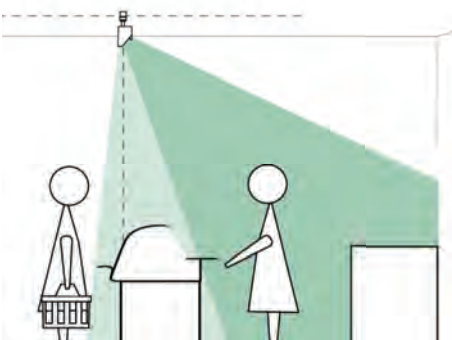
# Counter Light. Light meets human.

*Product variants:  
Available as a recessed or surface-mounted luminaire.*

A visit to the store should be a positive experience for the customer. We contribute to that by ensuring the empathetic lighting of service personnel with Counter Light. Optimum lighting compliments the friendly appearance and professional competence of store personnel, and it helps them to convey the right impression to the customer.



It ensures shadow-free faces, bright eyes and facial gestures that are clearly visible to the customer. All these elements contribute to a positive and memorable shopping experience.



The Counter Light puts the focus on the products and the service personnel.

### **Counter Light – visualising friendliness.**

Many stores tend to focus on their product lighting concepts and neglect their personnel by showing them in an 'unflattering light'. Counter Light cleverly emphasises the friendly appearance of store personnel. The human factor is an important part of the shopping experience and a lighting concept that emphasises store personnel empathy is an advantage that online retailers cannot offer.

### **Advantages at a glance:**

- LED technology
- Tool-free in-ceiling installation
- Rotates and pivots (360°/±10°)
- Colours: white, anthracite, silver



# Lightfall. Adjustment-free light for brilliant window displays.

Reflecting the fast pace of modern life, store window displays are changing on an increasingly frequent basis to keep customers interested. We developed Lightfall to eliminate the need for time-consuming shop window lighting adjustments. Lightfall has a focus-free design for the clear and expressive illumination of products, even different product types in various positions, without the need to adjust the light.

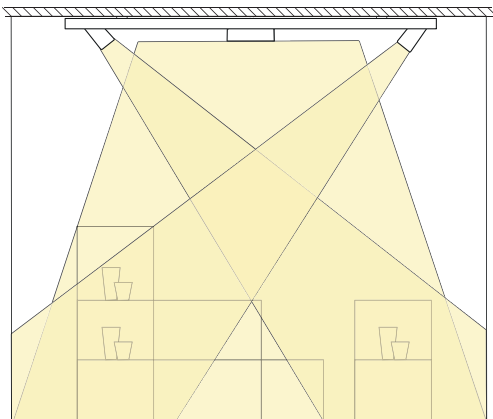
*Perfect illumination for any products.  
Thanks to the flexibility of Lightfall.*



### **Lightfall. Advantages at a glance:**

Ansorg's Lightfall is a powerful and efficient retail lighting tool for the optimum and brilliant illumination of shop window visual merchandising displays with the minimum of effort.

- Compact, low-maintenance shop window lighting
- Brilliant, focus-free light
- Quick visual merchandising concept changes without loss of lighting quality
- Lightfall has a modular design for installation heights ranging from 2.5 to 4 metres and installation lengths of between 1.8 and 3.5 metres in any standard-dimension shop window
- Suspended, ceiling or track-mounted luminaires can easily be incorporated
- Available for open and closed-back shop windows



Ansorg Lightfall – no adjustment necessary.





## The fitting room of the future.

|  
*A new concept  
to boost fashion store sales*  
|

A USP that stationary retailers have over online retailers is that customers can try on the garments in the store. The fitting room is an intimate retreat in the shopping jungle where the customer can find the privacy, peace and quiet they need to make good purchasing decisions. Youzon transforms the fitting room into a genuine experience.



In addition, individual lighting scenarios can be selected via touch screen to meet any occasion for which clothing is being chosen.

**Results of a representative study conducted by the Innofact research institute**

**92**

92% of customers believe it is important to try on garments to see if the fit.

**85**

85% of users like to have pleasant and effective lighting in the fitting room.

**40**

40% leave the store without making a purchase because they didn't like the fitting room.

Although the fitting room was originally devised to provide stationary retailers with an additional selling proposition, many of today's fitting rooms actually put customers off making a purchase. If those retailers could turn the above-mentioned 40% of consumers into loyal customers they could increase their sales substantially.

Youzon has six lighting elements that create a personal stage for the customer. All the lights have infinitely adjustable white light and deliver excellent colour rendering. Touchscreens can be used to create different light scenarios reflecting the occasion where the customer intends to wear the garment.



## Beauty Dish. Work light meets feel-good light.

*The highlights: natural lighting, perfect rendering of skin tone without glare or shadows*

### **The work light of make-up artists**

Cosmetic luminaires come with a serious disadvantage, namely that they are either purely a work light or provide only inadequate light. Taking this into account, we have created a luminaire that meets the requirements of both make-up artists and their clients.





Wall-mounted  
Luminaire



Desk-mounted  
Luminaire

The two different models of the Beauty Dish make for maximum flexibility and adapt to your premises' needs.

### Showing cosmetic advice in the perfect light

Complexion, skin structure, occasion: For make-up artists, it's all about nuances. And it's the nuances that Beauty Dish brings to light in their true colours. With its LED module developed especially for cosmetic consultations and its parabolic reflector, the lamp provides a clear light that ensures excellent depiction of the skin's structure – and at the same time, satisfied customers.

### Work light and feel-good light

The Beauty Dish offers make-up artists perfect and authentic illumination of the client. At the same time, its indirect, glare-free light creates a feel-good atmosphere in which clients look their best.

### Good light boosts sales

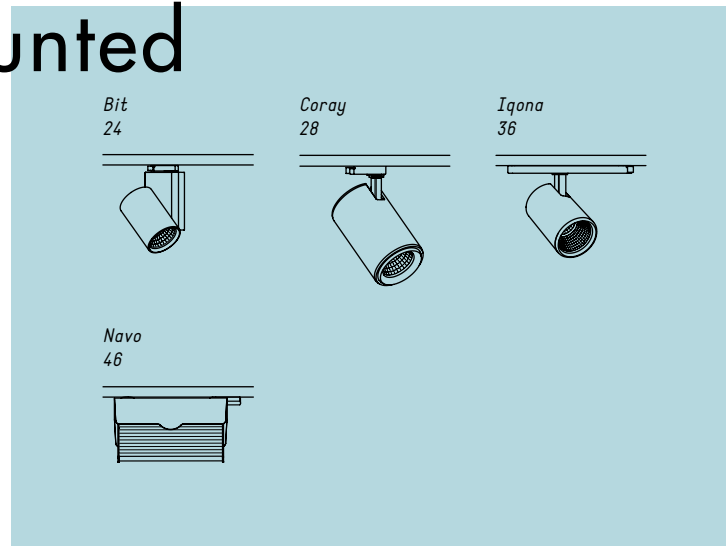
Someone who feels good – both in front of the mirror and after the treatment – will not only come back again, but also be prepared to spend more money more often.

### Quality lamps from Ansorg

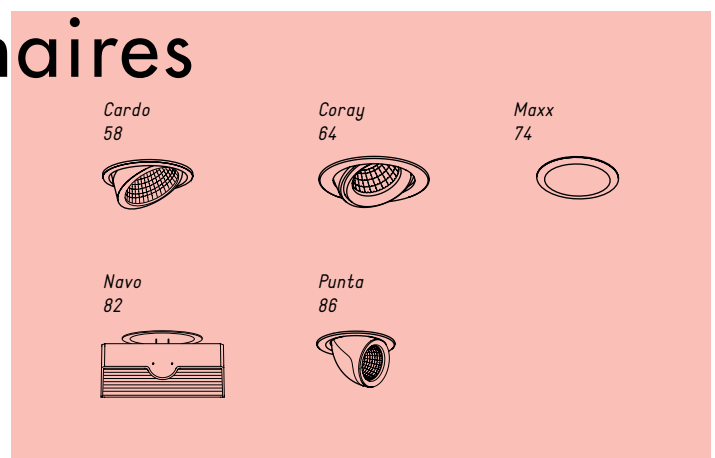
We have been developing high-quality professional luminaires exclusively for retailers and service providers for over 60 years. In other words, we are professionals developing for professionals. With the Beauty Dish, we uphold that tradition.

# Products at a glance

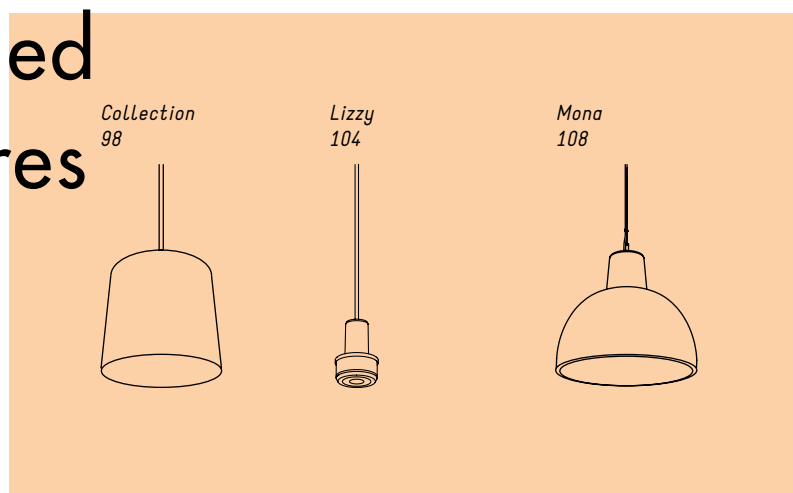
## Surface-mounted luminaires



## Recessed luminaires

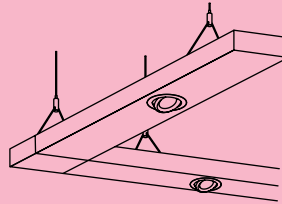


## Suspended Luminaires



# Linear systems

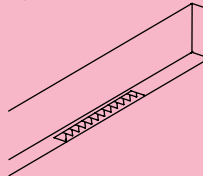
*Floatline*  
114



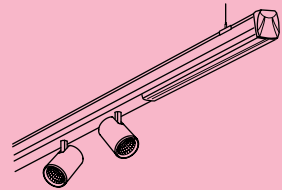
*Lightstripe*  
120



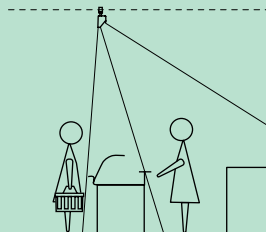
*Shyn*  
132



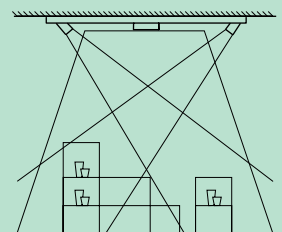
*Simpless*  
138



*Counter Light*  
146



*Lightfall*  
150



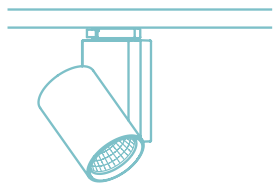
# Accessories

*Tracks*  
154

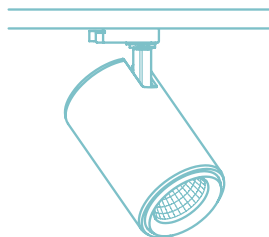
# Surface- mounted luminaires

*Surface-mounted luminaires*

*Bit*  
26



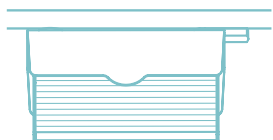
*Coray*  
30



*Iqona*  
38



*Navo*  
48



*Surface-mounted luminaires*

# Bit





- Large pivot radius for the illumination of high decorations
- Very efficient spotlight
- Neutral unobtrusive design



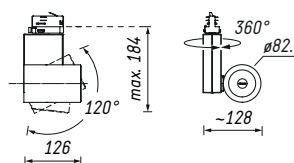
# Bit BMT



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Tool-less mounting with track adapter for three-circuit track or ceiling mounting
- Floor and wall mounting not permitted
- Turning and tilting (360°/120°)
- With integral reflector SSP, SP, MFL, FL, WFL or VWFL
- Supply unit included
- DALI or INspire lighting control system on request
- Colours: white, anthracite



**Photometric data**

	Power Level									
	19W		23W		27W		31W		35W	
	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency
CRI Light colour	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]
830	2415	128	2841	125	3249	120	3632	117	4003	114
840	2536	134	2983	131	3410	126	3814	123	4202	119
927	1967	104	2314	101	2646	98	2958	95	3260	93
N27	1466	77	1720	74	1960	72	2185	69	2401	67
930	2069	109	2434	107	2783	103	3112	100	3430	97
940	2175	115	2558	112	2924	108	3270	105	3604	102
Brilliant [930=Best color/ Best White]	1981	105	2326	102	2651	99	2952	96	3241	92
Meat	-	-	-	-	-	-	-	-	-	-
NMeat	-	-	-	-	-	-	-	-	1531	42

Maximum possible, optionally available connected load: 38 W.

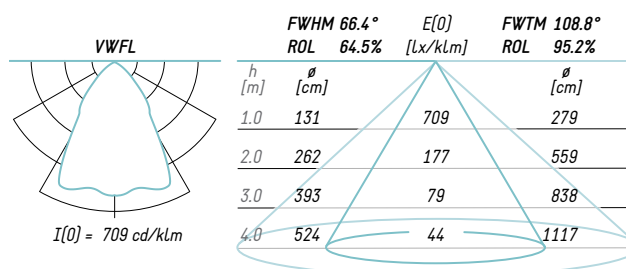
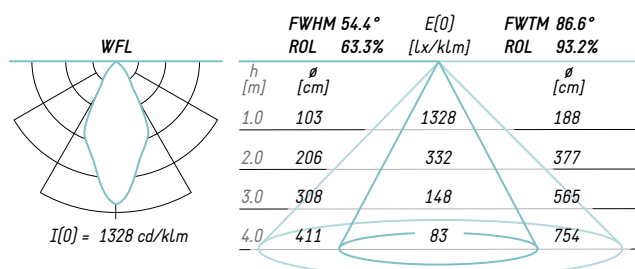
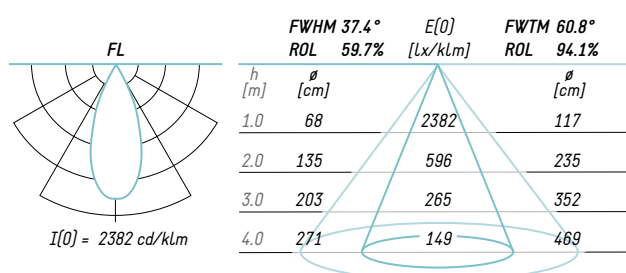
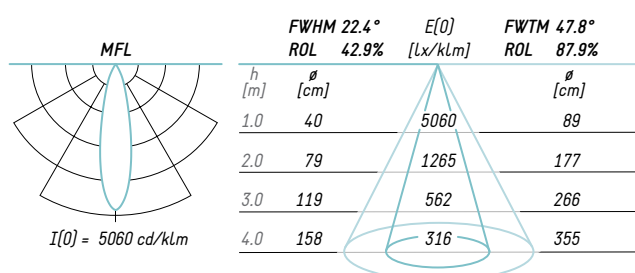
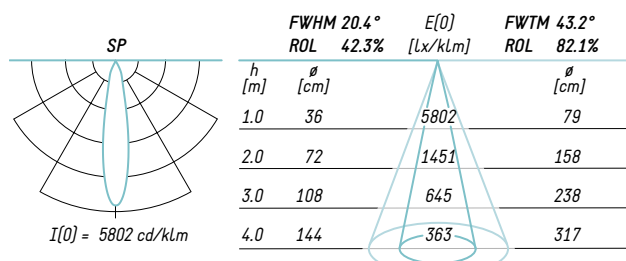
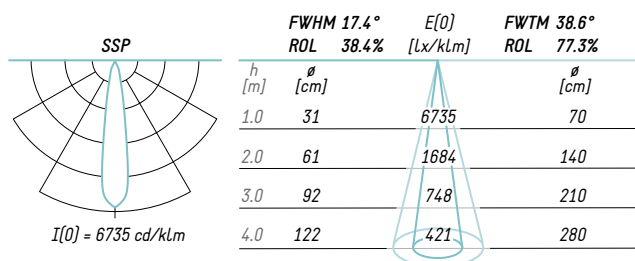
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with MFL reflector, in the case of the SSP/SP/FL/WFL/VWFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Surface-mounted luminaires Bit BMT



### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 0.8 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	25
Protection class	2
Type of protection	IP20
Certification mark	ENEC / CB / EAC

### Optional accessories

Product	Option
Interchangeable reflector	SSP, SP, MFL, FL, WFL, VWFL
Glasses	Safety glas
	EnergyVision (anti-glare)
	Albarino (diffusing lens)
Filter	Ribbed glass (oval light image)
	UV filter
Glare reduction	Moodfilter
	Honeycomb grid, black
	Oblique tube

*Surface-mounted luminaires*

# Coray





- Suitable for universal applications thanks to a compact and streamlined design
- Brilliant light quality thanks to faceted 3D reflectors and lens technology that delivers focused lighting
- Multiple LED and reflector configurations offer great flexibility in lighting design

More range variants:  
Recessed spotlights page 64



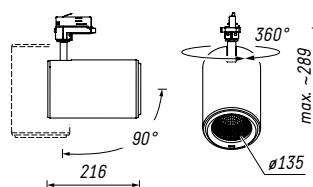
# Coray CLT



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Tool-less mounting with track adapter for three-circuit track or ceiling mounting
- Floor and wall mounting not permitted
- Turning and tilting (360°/90°)
- With integral reflector SSP, SP, MFL, FL or WFL
- Supply unit included
- DALI or INspire lighting control system on request
- Colours: white, anthracite, silver



**Photometric data**

	Power Level					
	30W		34W		40W	
	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]
830	3989	133	4417	129	5029	125
840	4200	140	4651	136	5086	127
927	3250	108	3599	105	4097	102
N27	2388	79	2633	77	2976	74
930	3433	114	3802	111	4328	108
940	3599	120	3985	117	4536	113
Brilliant [930=Best color/ Best White]	3251	108	3586	105	4052	101
Meat	1922	64	-	-	2374	59
NMeat	1529	51	-	-	1904	47

Maximum possible, optionally available connected load: 48 W.

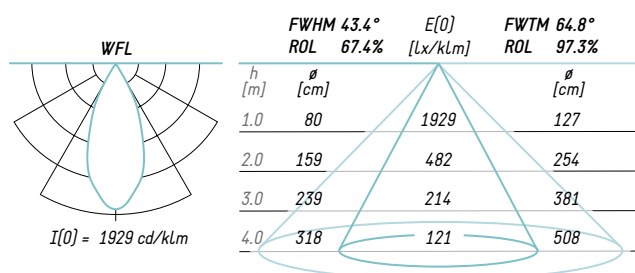
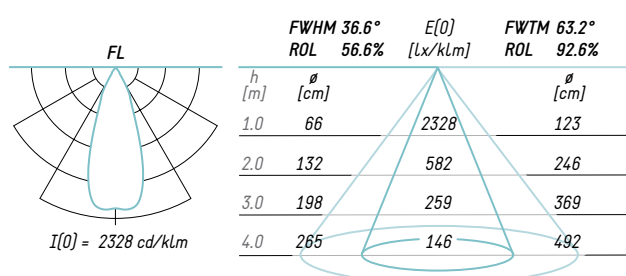
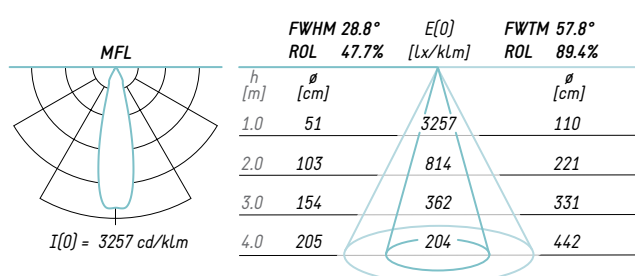
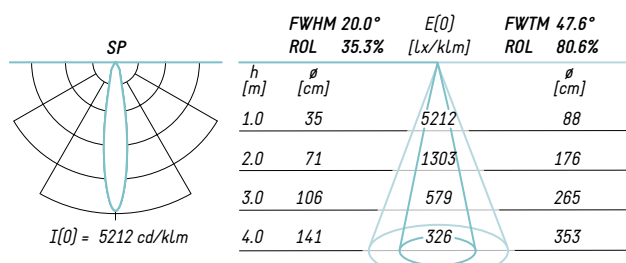
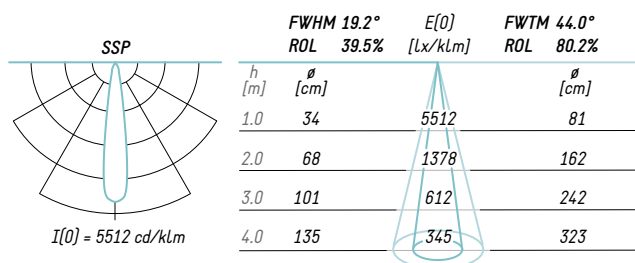
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The values apply to the luminaire with MFL reflector, in the case of the SSP/SP/FL/WFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact [info@ansorg.de](mailto:info@ansorg.de).

## Surface-mounted luminaires Coray CLT



### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 2.1 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	25
Protection class	1
Type of protection	IP20
Certification mark	ENEC / CB / EAC

### Optional accessories

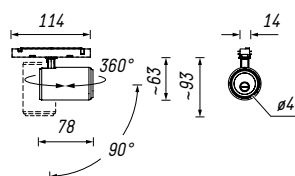
Product	Option
Interchangeable reflector	SSP, SP, MFL, FL, WFL
Glasses	Safety glas
	EnergyVision (anti-glare)
	Albarino (diffusing lens)
	Ribbed glass (oval light image)
Filter	UV filter
	Moodfilter

# Coray CXS



100% recyclable,  
no composites,  
easy separation.

- Lighting technology LED
- Tool-less mounting 48 V circuit track
- Floor and wall mounting not permitted
- Turning and tilting (360°/90°)
- With integral collimator SSP, SP or MFLL
- Supply unit not included
- Colours: white, anthracite

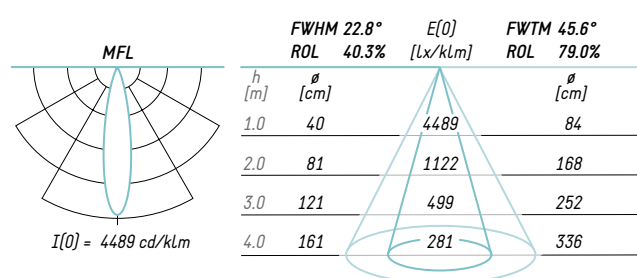
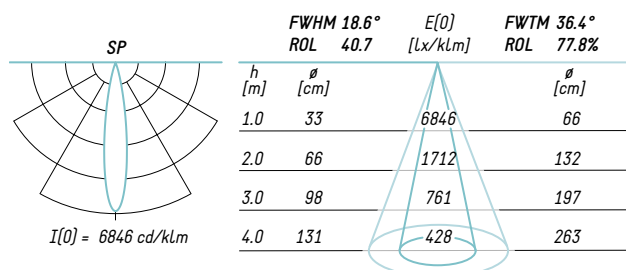
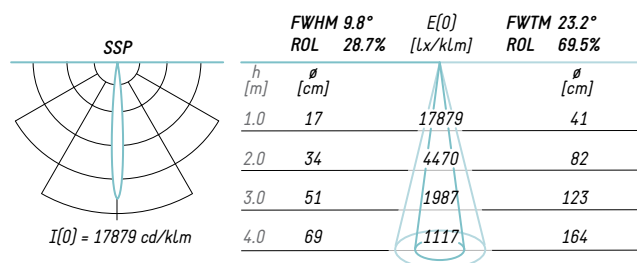


		Power Level	
		9W	
Photometric data	CRI	Luminous flux Luminaire	System Efficiency
	Light colour	[lm]	[lm/W]
	830	600	67
	840	600	67
	927	500	56
930	500	56	

Maximum possible, optionally available connected load: 9 W.  
 According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.  
 The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.  
 There are further possible ways to equip the luminaire - for these optional versions please contact [info@ansorg.de](mailto:info@ansorg.de).



## Surface-mounted luminaires Coray CXS



### Photometric information

Information	Values
Connection data	48 V/DC; 9 W
Weight	approx. 0.2 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG2
Number per circuit breaker B 16A	-
Protection class	3
Type of protection	IP20
Certification mark	ENEC / CB / EAC

### Optional accessories

Product	Option
Interchangeable collimator	SSP, SP, MFL
Track	48 V
Supply unit	prim. 220-240V, 50/60 Hz, sek. 48 V DC/70 W
	prim. 220-240V, 50/60 Hz, sek. 48 V DC/150 W

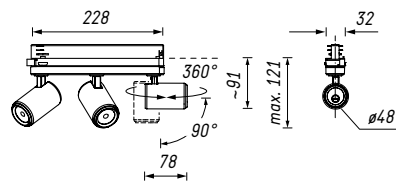
# Coray CXT



100% recyclable,  
no composites,  
easy separation.



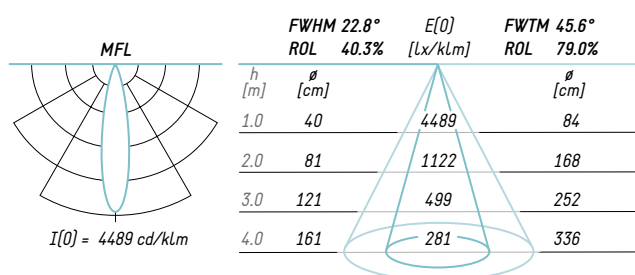
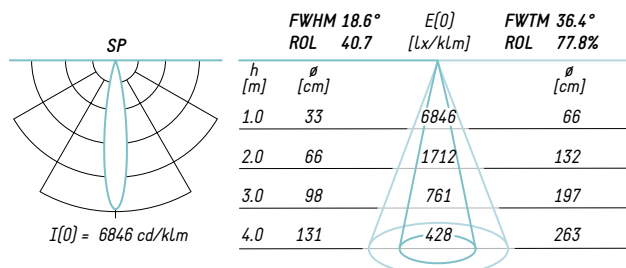
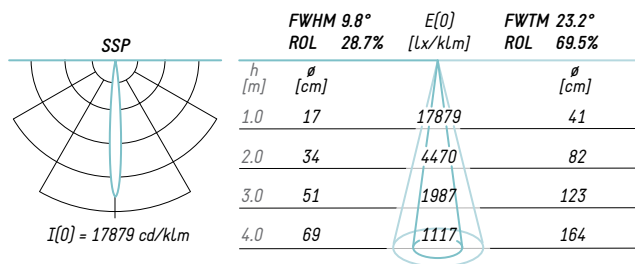
- Lighting technology LED
- Tool-less mounting with track adapter for three-circuit track
- Floor and wall mounting not permitted
- Turning and tilting (360°/90°)
- With integral collimator SSP, SP or MFL
- Colours: white, anthracite



	Power level	
	27W	
	Luminous flux luminaire	System Efficiency
CRI		
Light colour		
Photometric data	[lm]	[lm/W]
	830	1800 67
	840	1800 67
	927	1500 56
930	1500 56	

Maximum possible, optionally available connected load: 27 W.  
 According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.  
 The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.  
 There are further possible ways to equip the luminaire - for these optional versions please contact [info@ansorg.de](mailto:info@ansorg.de).

## Surface-mounted luminaires Coray CXT



### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz
Weight	approx. 0.8 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG2
Number per circuit breaker B 16A	50
Protection class	2
Type of protection	IP20
Certification mark	ENEC / CB / EAC
<b>Optional accessories</b>	<b>Product</b>
	Interchangeable collimator
	Option
	SSP, SP, MFL

*Surface-mounted luminaires*

# Iqona





- Brilliant performance and compact shape thanks to efficient temperature management
- Large pivot radius for the illumination of high decorations
- Fast adjustment of the beam angle from narrow-beam spotlight to wide-beam floodlight
- The lens can be simply retrofitted at any time for maximum flexibility

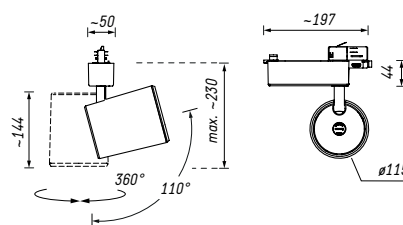
# Iqona ILM



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Tool-less mounting with track adapter for three-circuit track
- Floor and wall mounting not permitted
- Tilting and turning (360°/110°)
- With integral reflector SSP, SP, MFL, FL, WFL
- Supply unit included
- Colours: white, anthracite



	Power Level					
	30W		34W		40W	
	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency
CRI Light colour	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]
830	3989	133	4417	129	5029	125
840	4200	140	4651	136	5295	127
927	3250	108	3599	105	4097	102
N27	2388	79	2633	77	2976	74
930	3433	114	3802	111	4328	108
940	3599	120	3985	117	4536	113
Brilliant (930=Best color/ Best White)	3251	108	3586	105	4052	101
Meat	1922	64	-	-	2374	59
NMeat	1529	51	-	-	1904	47

Photometric data

Maximum possible, optionally available connected load: 48 W.

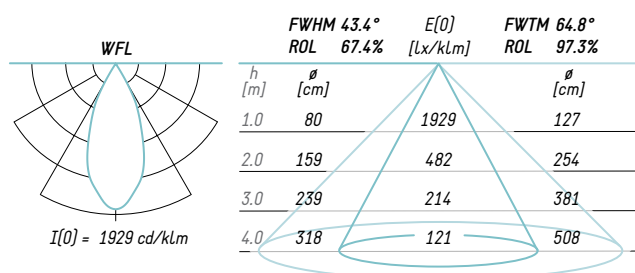
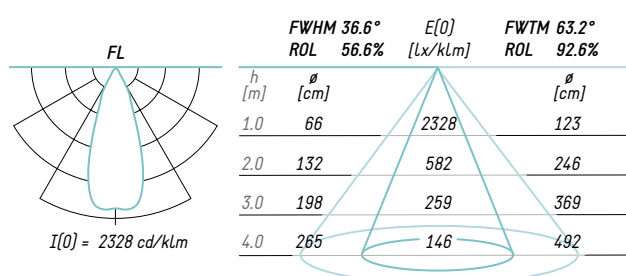
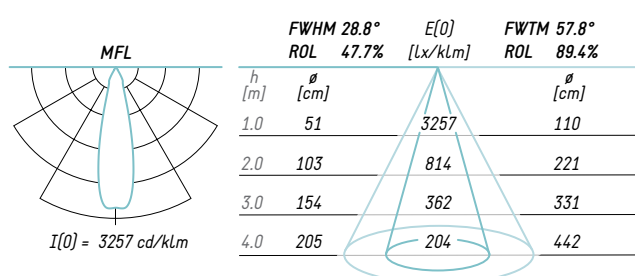
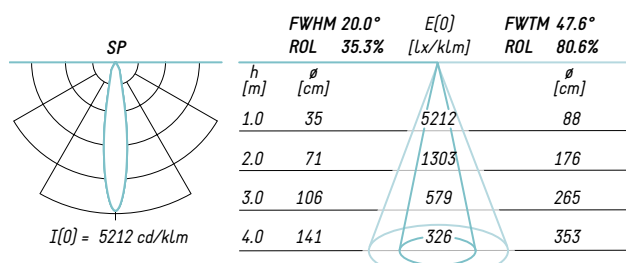
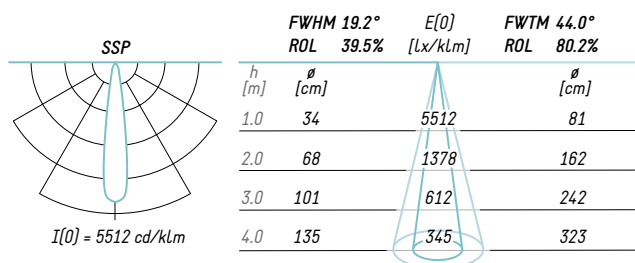
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with MFL reflector, in the case of the SSP/SP/FL/WFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact [info@ansorg.de](mailto:info@ansorg.de).

## Surface-mounted luminaires Iqona ILM



### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 1.1 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	25
Protection class	1
Type of protection	IP20
Certification mark	ENEC / CB

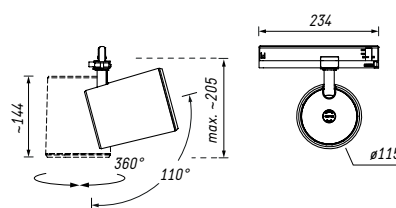
# Iqona ILT



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Tool-less mounting with track adapter for three-circuit track (Global, Eutrac or Stucchi)
- Floor and wall mounting not permitted
- Tilting and turning (360°/110°)
- With integral reflector SSP, SP, MFL, FL, WFL
- Supply unit included
- DALI lighting control system on request (not possible with Eutrac circuit track)
- Colours: white, anthracite



	Power Level					
	30W		34W		40W	
	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]
<b>CRI</b>	3989	133	4417	129	5029	125
<b>Light colour</b>	4200	140	4651	136	5295	132
830	3250	108	3599	105	4097	102
840	2388	79	2633	77	2976	74
927	3433	114	3802	111	4328	108
N27	3599	120	3985	117	4536	113
930	3251	108	3586	105	4052	101
Brilliant (930=Best color/ Best White)	1922	64	-	-	2374	59
Meat	1529	51	-	-	1904	47
NMeat						

Photometric data

Maximum possible, optionally available connected load: 40 W.

According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

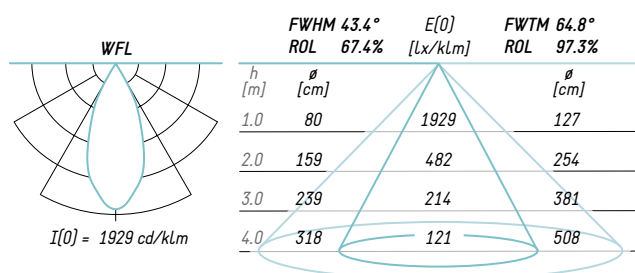
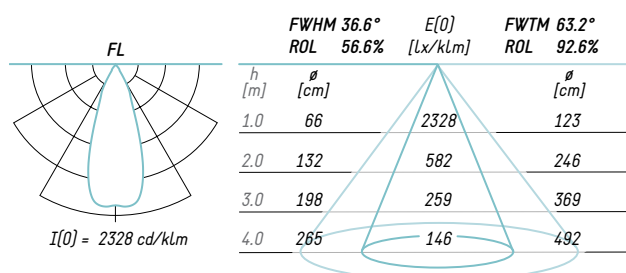
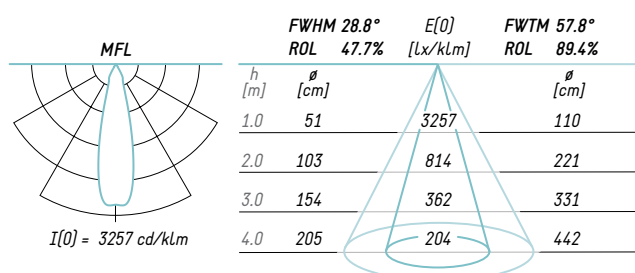
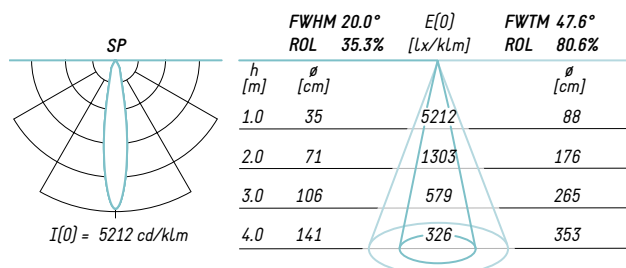
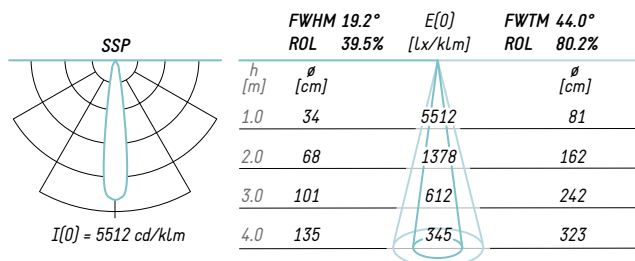
The values apply to the luminaire with MFL reflector, in the case of the SSP/SP/FL/WFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact [info@ansorg.de](mailto:info@ansorg.de).



## Surface-mounted luminaires Iqona ILT



### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 0.9 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	50
Protection class	2
Type of protection	IP20
Certification mark	ENEC / CB

# Iqona IMM



100% recyclable,  
no composites,  
easy separation.

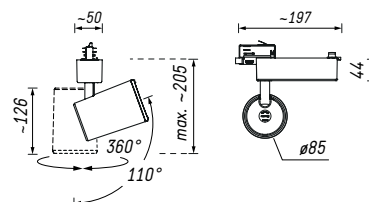


Version with reflector



Version with Lens

- Lighting technology LED
- Tool-less mounting with track adapter for three-circuit track
- Floor and wall mounting not permitted
- Turning and tilting (360°/110°)
- With integral reflector SSP, SP, MFL, FL, WFL, VWFL or included adjustable lens (SP - MFL - FL)
- Supply unit included
- Colours: white, anthracite



	Power Level									
	19W		23W		27W		31W		35W	
	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency
CRI Light colour	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]
830	2415	128	2841	125	3249	120	3632	117	4003	114
840	2536	134	2983	131	3410	126	3814	123	4202	119
927	1967	104	2314	101	2646	98	2958	95	3260	93
N27	1466	77	1720	74	1960	72	2185	69	2401	67
930	2069	109	2434	107	2783	103	3112	100	3430	97
940	2175	115	2558	112	2924	108	3270	105	3604	102
Brilliant [930=Best color/ Best White]	1981	105	2326	102	2651	99	2952	96	3241	92
Meat	-	-	-	-	-	-	-	-	-	-
NMeat	-	-	-	-	-	-	-	-	1531	42

Photometric data

Maximum possible, optionally available connected load: 38 W.

According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

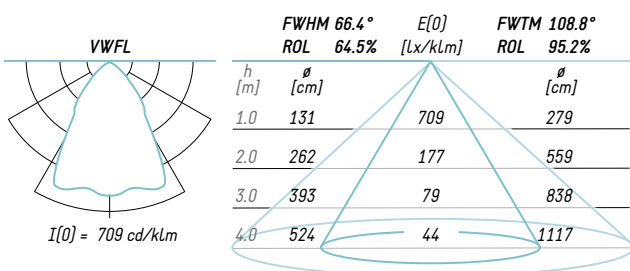
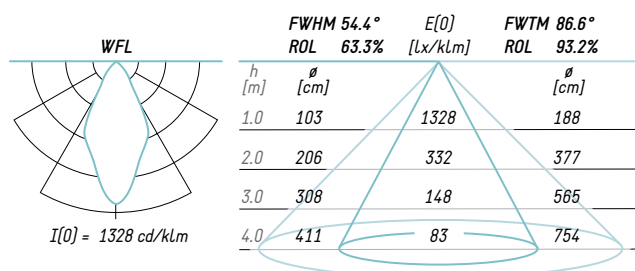
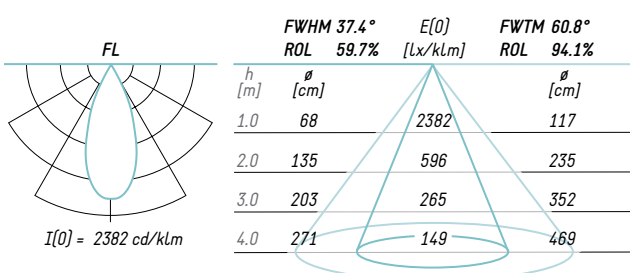
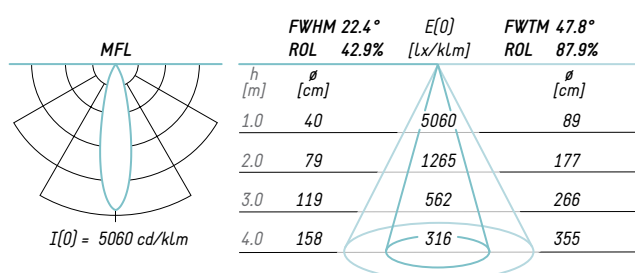
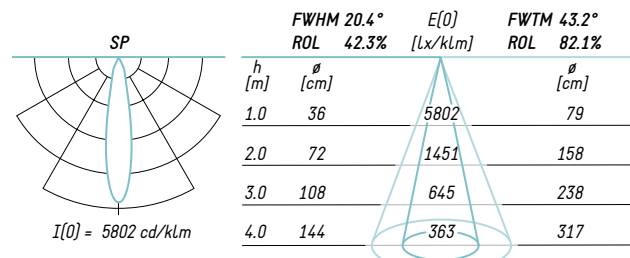
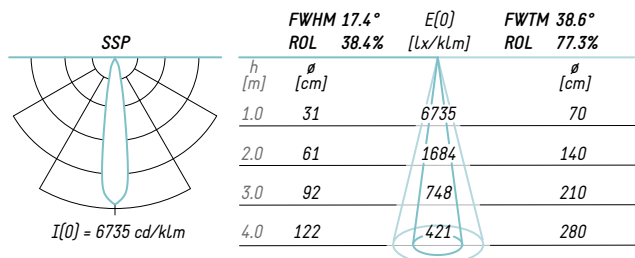
The values apply to the luminaire with MFL reflector, in the case of the SSP/SP/FL/WFL/VWFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

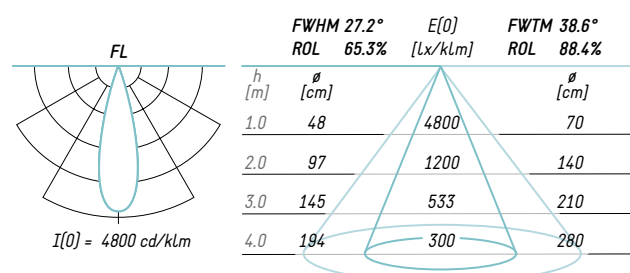
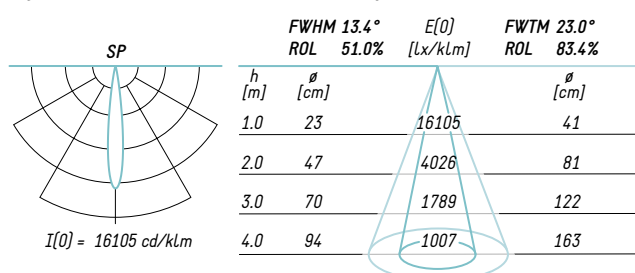
There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Surface-mounted luminaires Iqona IMM

### Light distribution with reflector



### Light distribution with lens, continuously focusable between SP and FL



### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 0.9 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	25
Protection class	1
Type of protection	IP20
Certification mark	ENEC / CB

# Iqona IMT



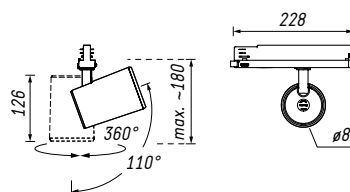
100% recyclable,  
no composites,  
easy separation.



Version with reflector

Version with lens

- Lighting technology LED
- Tool-less mounting with track adapter for three-circuit track (Global, Eutrac or Stucchi)
- Floor and wall mounting not permitted
- Turning and tilting (360°/110°)
- With integral reflector SSP, SP, MFL, FL, WFL, VWFL or included adjustable lens (SP - MFL - FL)
- Supply unit included
- DALI lighting control system on request (not possible with Eutrac circuit track)
- Colours: white, anthracite



	Power Level									
	19W		23W		27W		31W		35W	
	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency
CRI Light colour	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]
830	2415	128	2841	125	3249	120	3632	117	4003	114
840	2536	134	2983	131	3410	126	3814	123	4202	119
927	1967	104	2314	101	2646	98	2958	95	3260	93
N27	1466	77	1720	74	1960	72	2185	69	2401	67
930	2069	109	2434	107	2783	103	3112	100	3430	97
940	2175	115	2558	112	2924	108	3270	105	3604	102
Brilliant (930=Best color/ Best White)	1981	105	2326	102	2651	99	2952	96	3241	92
Meat	-	-	-	-	-	-	-	-	-	-
NMeat	-	-	-	-	-	-	-	-	1531	42

Photometric data

Maximum possible, optionally available connected load: 38 W.

According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

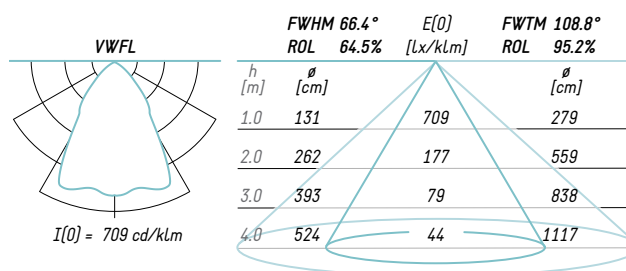
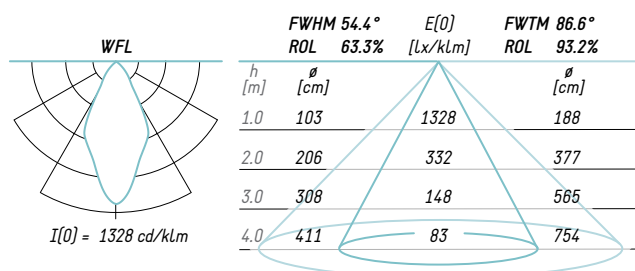
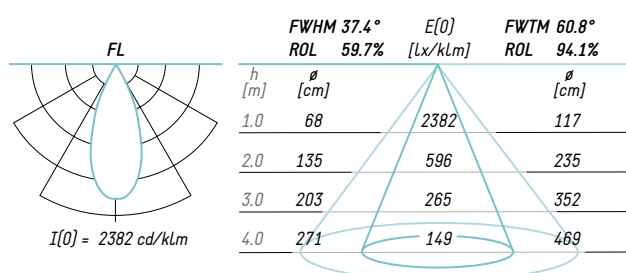
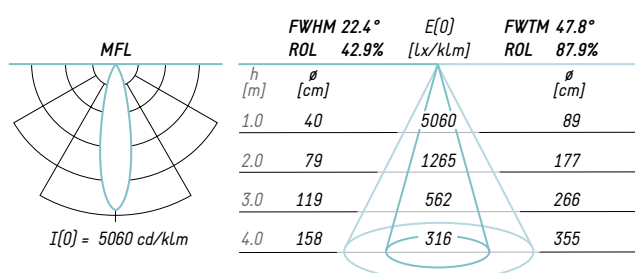
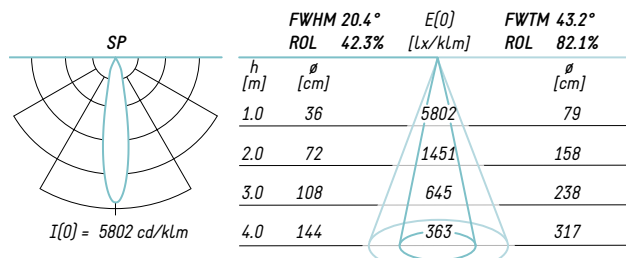
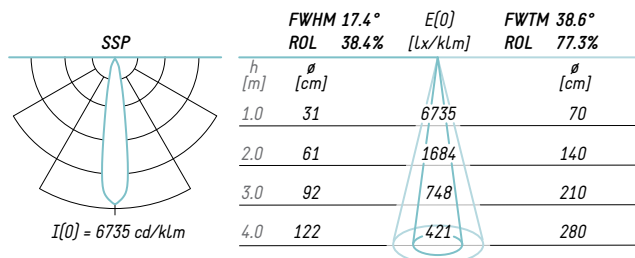
The values apply to the luminaire with MFL reflector, in the case of the SSP/SP/FL/WFL/VWFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

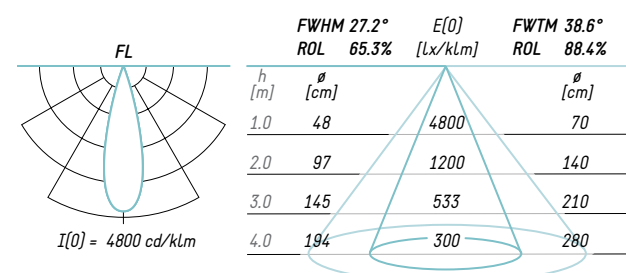
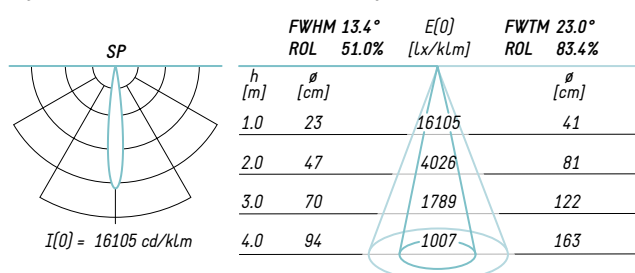
There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Surface-mounted luminaires Iqona IMT

### Light distribution with reflector



### Light distribution with lens, continuously focusable between SP and FL



### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 0.8 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	50
Protection class	2
Type of protection	IP20
Certification mark	ENEC / CB

*Surface-mounted luminaires*

# Navo





- Award winning, efficient aisle lighting
- Efficient illumination of vertical displays
- Glare control, indirect light direction
- Flexible and adaptable to store layout changes by means of accessories

More range variants:

Recessed spotlights page 82



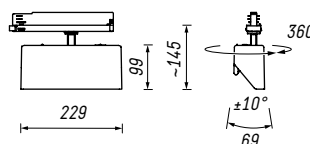
# Navo NMT



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Tool-less mounting with track adapter for three-circuit track (Global, Eutrac or Stucchi)
- Floor and wall mounting not permitted
- Turning and tilting (360°/±10°)
- With integral reflector DF-NB or WW
- Supply unit included
- DALI lighting control system on request (not possible with Eutrac circuit track)
- Colours: white, anthracite, silver



**Photometric data**

	Power Level							
	27W		31W		35W		40W	
	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency
CRI Light colour	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]
830	3444	128	3851	124	4244	121	4795	115
840	3616	134	4044	130	4455	127	5034	121
927	2805	104	3136	101	3457	98	3905	94
N27	2079	76	2316	74	2546	71	2862	68
930	2951	109	3299	106	3636	103	4108	99
940	3100	115	3467	112	3988	113	4316	104
Brilliant [930=Best color/ Best White]	2811	104	3130	101	3436	98	3858	93
Meat	-	-	-	-	-	-	-	-
NMeat	-	-	-	-	-	-	-	-

Maximum possible, optionally available connected load: 41 W.

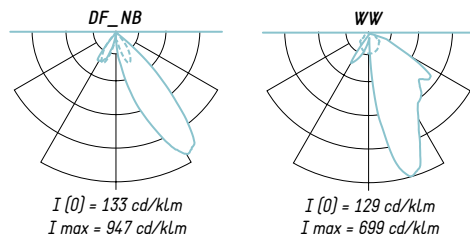
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with DF-NB reflector, in the case of the WW reflector the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact [info@ansorg.de](mailto:info@ansorg.de).

## Surface-mounted luminaires Navo NMT

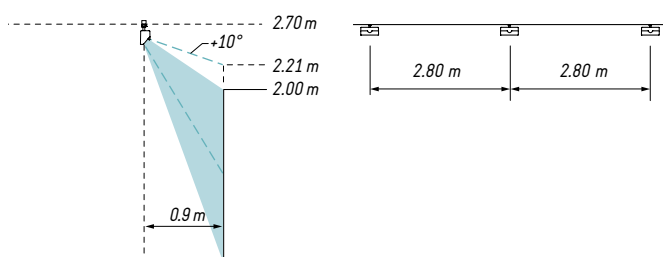


### Planing information

#### DF-NB

preferred mounting height track  
2.70 m

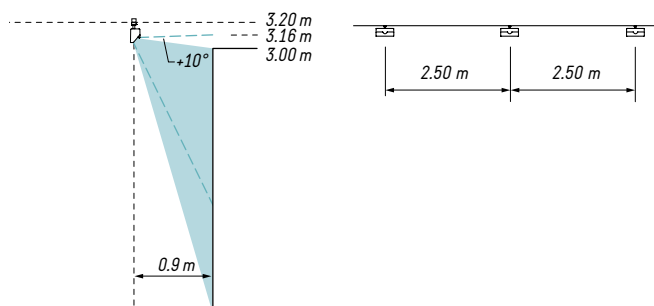
Max. distance luminaires



#### WW

preferred mounting height track  
3.20 m

Max. distance luminaires



### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 0.8 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	50
Protection class	2
Type of protection	IP20
Certification mark	ENEC / CB / EAC

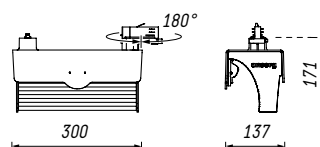
# Navo NSK\_DF



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Spotlight as directional washer
- Tool-less mounting with track adapter for three-circuit track
- Floor and wall mounting not permitted
- Adapter turnable (180°)
- With integral reflector DF-NB or reflector DF-NX
- Interchangeable reflectors
- Supply unit included
- DALI lighting control system on request
- Colours: white, anthracite, silver

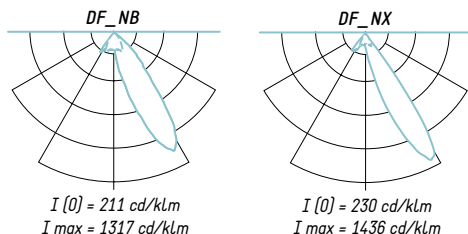


**Photometric data**

CRI Light colour	Power Level			
	26W		34W	
	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]
830	3842	146	4781	140
840	4045	154	5034	147
927	3130	119	3896	114
N27	-	-	-	-
930	3306	126	4115	120
940	-	-	-	-
Brilliant [930-Best color/ Best White]	-	-	-	-
Meat	-	-	-	-
NMeat	-	-	-	-

Maximum possible, optionally available connected load: 34 W  
 According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.  
 The photometric values are standard values and refer to the entire luminaire. This is an example of a system design. This is an example of a system design. There are further possible ways to equip the luminaire - for these optional versions please contact [info@ansorg.de](mailto:info@ansorg.de).

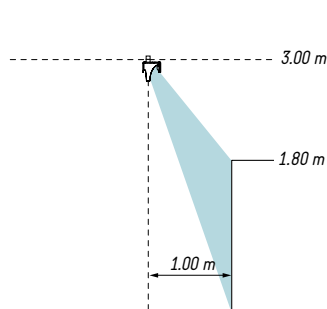
## Surface-mounted luminaires Navo NSK\_DF



### Planing information

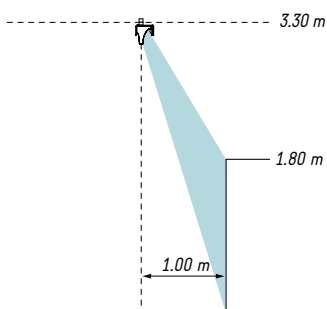
#### DF-NB

preferred mounting height track  
3.00 m



#### DF-NX

preferred mounting height track  
3.30 m



### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 1.6 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	25
Protection class	1
Type of protection	IP20
Certification mark	ENEC / CB / EAC

### Optional accessories

Product	Option
Set of interchangeable reflector (1x reflector/1x lamellae)	DF-NB, DF-NX
Set of end lamellae reflectors for lateral glare suppression (1 pair left/right)	DF-NB, DF-NX
Glasses	Safety glas

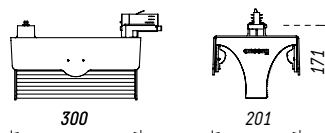
# Navo NSK\_DDF



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Spotlight as directional washer
- Tool-less mounting with track adapter for three-circuit track
- Floor and wall mounting not permitted
- With integral reflector DF-NB or reflector DF-NX
- Interchangeable reflectors
- Supply unit included
- DALI lighting control system on request
- Colours: white, anthracite, silver



**Photometric data**

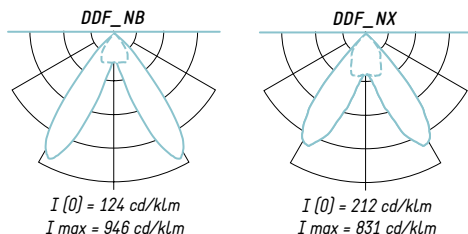
CRI Light colour	Power level			
	52W		68W	
	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]
830	7684	146	9562	140
840	8090	154	10068	147
927	6260	119	7791	114
N27	-	-	-	-
930	6613	126	8230	120
940	-	-	-	-
Brilliant (930=Best color/ Best White)	-	-	-	-
Meat	-	-	-	-
NMeat	-	-	-	-

Maximum possible, optionally available connected load: 68 W

According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design. This is an example of a system design. There are further possible ways to equip the luminaire - for these optional versions please contact [info@ansorg.de](mailto:info@ansorg.de).

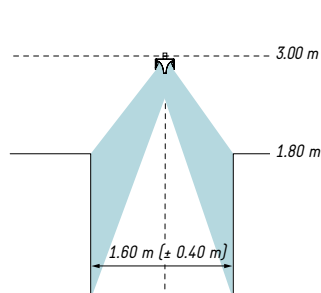
## Surface-mounted luminaires Navo NSK\_DDF



### Planing information

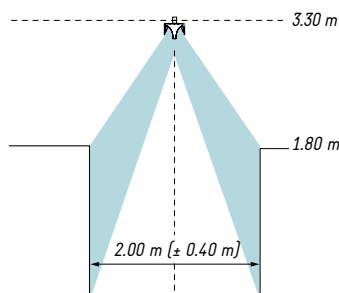
#### DDF-NB

preferred mounting height track  
3.00 m



#### DDF-NX

preferred mounting height track  
3.30 m



Other aisle widths  
on request

	Information	Values
<b>Photometric information</b>	Connection data	220-240 V, 50/60 Hz (110-277 V on request)
	Weight	approx. 2.2 kg
	Colour tolerance	3SDCM (MacAdam)
	Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
	Failure rate	C0/B10 = 50.000h, Ta 25 °C
	Photobiological safety	RG1
	Number per circuit breaker B 16A	12
	Protection class	1
	Type of protection	IP20
	Certification mark	ENEC / CB / EAC
<b>Optional accessories</b>	Product	Option
	Set of interchangeable reflector (1x reflector/1x lamellae)	DDF-NB, DDF-NX
	Set of end lamellae reflectors for lateral glare suppression (1 pair left/right)	DDF-NB, DDF-NX
	Glasses	Safety glas

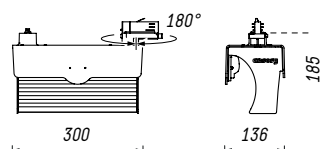
# Navo NSW



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Wallwasher
- Tool-less mounting with track adapter for three-circuit track
- Floor and wall mounting not permitted
- Adapter turnable (180°)
- With integral reflector WW
- Supply unit included
- DALI lighting control system on request
- Colours: white, anthracite, silver



	Power Level			
	26W		34W	
	Luminous flux Luminaire	System Efficiency	Luminous flux Luminaire	System Efficiency
CRI Light colour	[lm]	[lm/W]	[lm]	[lm/W]
830	3967	151	4937	144
840	4177	159	5198	152
927	3232	123	4022	118
N27	-	-	-	-
930	3415	130	4249	124
940	3579	137	4454	130
Brilliant [930=Best color/ Best White]	3243	124	4008	117
Meat	-	-	2365	69
NMeat	-	-	1884	55

**Photometric data**

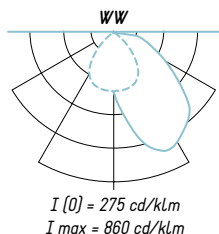
Maximum possible, optionally available connected load: 34 W

According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

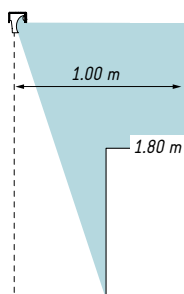
The photometric values are standard values and refer to the entire luminaire. This is an example of a system design. This is an example of a system design. There are further possible ways to equip the luminaire - for these optional versions please contact [info@ansorg.de](mailto:info@ansorg.de).



## Surface-mounted luminaires Navo NSW



## Planing information



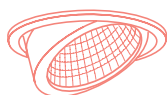
### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 2.1 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	25
Protection class	1
Type of protection	IP20
Certification mark	ENEC / CB / EAC

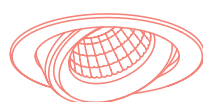
# Recessed luminaires

*Recessed Luminaires*

*Cardo*  
58



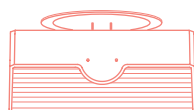
*Coray*  
64



*Maxx*  
74



*Navo*  
82



*Punta*  
86



*Recessed luminaires*

# Cardo





- Stylish spotlight with a gimbal option for full adjustability
- High flexibility due to its tilt and turn function

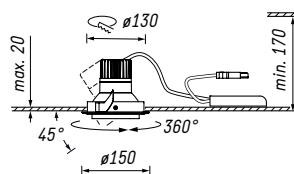
# Cardo CBL



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Tool-less ceiling mounting
- Ceiling cut-out Ø130 mm
- Floor and wall mounting not permitted
- Gimbal mounted
- Pivoted on all sides
- With integral reflector SP, MFL, FL ou WFL
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI or INspire lighting control system on request (INspire lighting control not for use in metal ceilings)
- Colours: white, anthracite, silver



**Photometric data**

	Power Level									
	19W		23W		27W		31W		35W	
	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency
CRI Light colour	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]
830	2532	134	2978	131	3405	126	3807	123	4196	119
840	2658	141	3127	137	3575	132	3998	129	4405	125
927	2062	109	2426	106	2774	103	3101	100	3417	97
N27	1536	81	1803	78	2055	76	2290	73	2517	71
930	2169	115	2552	112	2917	108	3433	111	3595	102
940	2279	121	2681	118	3065	114	3428	111	3778	107
Brilliant (930=Best color/ Best White)	2077	110	2438	107	2779	103	3095	100	3397	97
Meat	-	-	-	-	-	-	-	-	-	-
NMeat	-	-	-	-	-	-	-	-	1604	44

Maximum possible, optionally available connected load: 38 W.

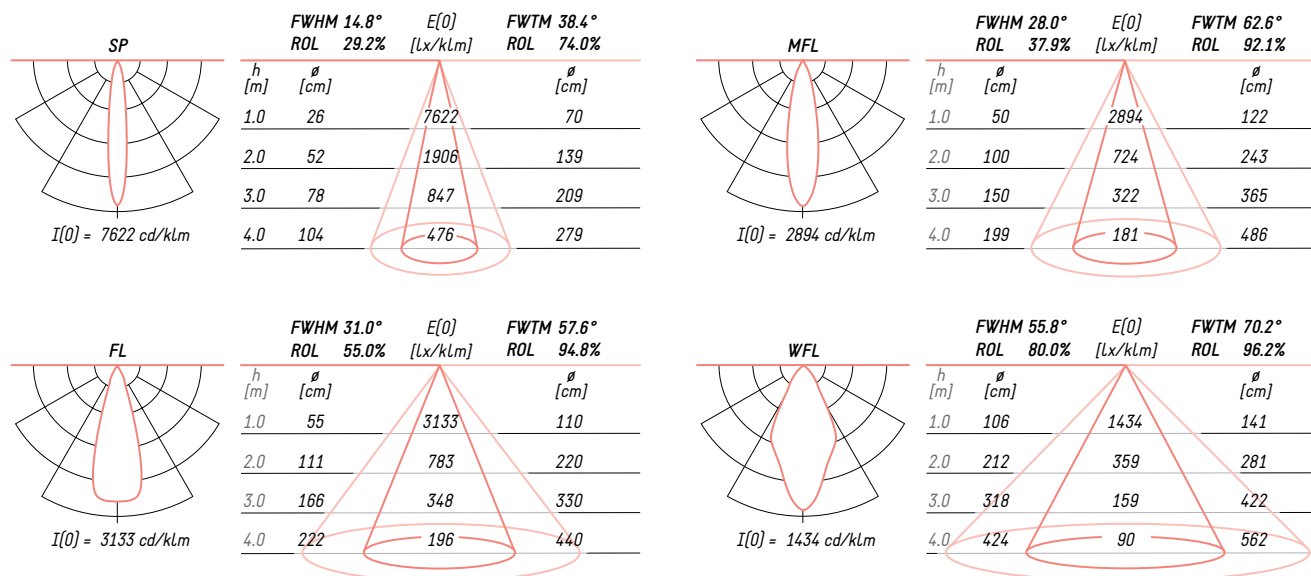
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with MFL reflector, in the case of the SP/FL/WFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Recessed Luminaires Cardo CBL



	Information	Values
<b>Photometric information</b>	Connection data	220-240 V, 50/60 Hz (110-277 V on request)
	Weight	approx. 1.0 kg
	Colour tolerance	3SDCM (MacAdam)
	Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
	Failure rate	C0/B10 = 50.000h, Ta 25 °C
	Photobiological safety	RG1
	Number per circuit breaker B 16A	25
	Protection class	1
	Type of protection	IP20
	Certification mark	ENEC / CB / EAC
<b>Optional accessories</b>	Product	Option
	Interchangeable reflector	SP, MFL, FL, WFL
	Glasses	Safety glas
		EnergyVision (anti-glare)
		Albarino (diffusing lens)
	Filter	Ribbed glass (oval light image)
UV filter		
Glare reduction	Moodfilter	
		Honeycomb grid, black



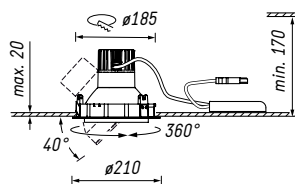
# Cardo CTL



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Tool-less ceiling mounting
- Ceiling cut-out Ø185 mm
- Floor and wall mounting not permitted
- Pivoted on all sides
- With integral reflector SP, MFL, FL or WFL
- Safety glass included
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI or INspire lighting control system on request (INspire lighting control not for use in metal ceilings)
- Colours: white, anthracite, silver



**Photometric data**

	Power Level							
	26W		30W		34W		40W	
	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency
CRI Light colour	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]
830	3591	137	4036	134	4469	131	5088	127
840	3781	144	4249	141	4706	138	5357	134
927	2926	112	3288	109	3641	106	4145	103
N27	3154	80	3528	78	-	-	-	-
930	3091	118	3474	115	3847	112	4379	109
940	3240	124	3641	121	4032	118	4590	114
Brilliant (930=Best color/ Best White)	2936	112	3290	109	3628	106	4100	102
Meat	1745	67	-	-	2141	63	2402	60
NMeat	1385	53	-	-	1706	50	1926	48

Maximum possible, optionally available connected load: 47 W.

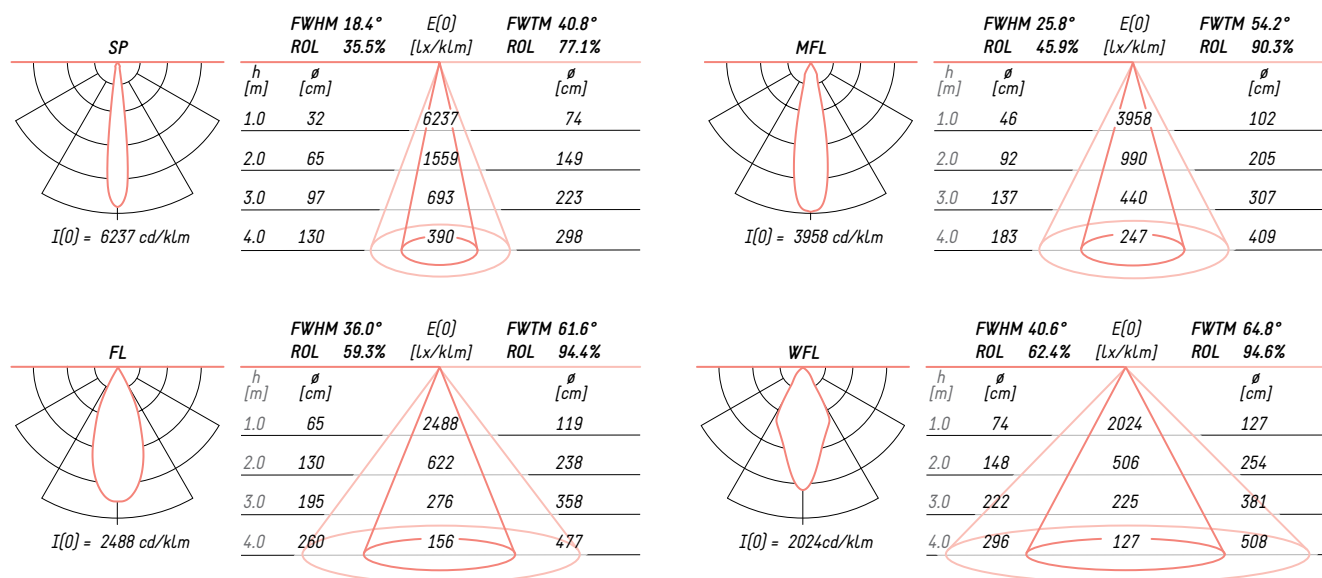
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with MFL reflector, in the case of the SP/FL/WFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Recessed Luminaires Cardo CTL



	Information	Values	
<b>Photometric information</b>	Connection data	220-240 V, 50/60 Hz (110-277 V on request)	
	Weight	approx. 1.3 kg	
	Colour tolerance	3SDCM (MacAdam)	
	Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C	
	Failure rate	C0/B10 = 50.000h, Ta 25 °C	
	Photobiological safety	RG1	
	Number per circuit breaker B 16A	25	
	Protection class	1	
	Type of protection	IP20	
	Certification mark	ENEC / CB / EAC	
<b>Optional accessories</b>	Product	Option	
	Interchangeable reflector	SP, MFL, FL, WFL	
	Glasses	Safety glass	
		EnergyVision (anti-glare)	
		Albarino (diffusing lens)	
	Filter	Ribbed glass (oval light image)	
UV filter			
Glare reduction	Moodfilter		
		Honeycomb grid, black	

*Recessed luminaires*

# Coray



- Brilliant light quality thanks to faceted 3D reflectors and lens technology that delivers focused lighting
- Perfect for high wall decoration, for use as a downlight or pivoted to high-light merchandise in the middle of a room
- Multiple LED and reflector configurations offer great flexibility in lighting design

More range variants:

Surface-mounted luminaires page 28



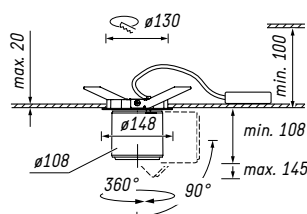
# Coray CMN



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Tool-less ceiling mounting
- Ceiling cut-out Ø130 mm
- Floor and wall mounting not permitted
- Turning and tilting (360°/90°)
- With integral reflector SSP, SP, MFL, FL, WFL or VWFL
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI or INspire lighting control system on request (INspire lighting control not for use in metal ceilings)
- Colours: white, anthracite, silver



**Photometric data**

	Power Level									
	19W		23W		27W		31W		35W	
	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency
CRI Light colour	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]
830	2415	128	2841	125	3249	120	3632	117	4003	114
840	2536	134	2983	131	3410	126	3814	123	4202	119
927	1967	104	2314	101	2646	98	2958	95	3260	93
N27	-	-	-	-	1960	72	2185	69	2401	67
930	2069	109	2434	107	2783	103	3112	100	3430	97
940	2175	115	2558	112	2924	108	3270	105	3604	102
Brilliant (930=Best color/ Best White)	1981	105	2326	102	2651	99	2952	96	3241	92
Meat	-	-	-	-	-	-	-	-	-	-
NMeat	-	-	-	-	-	-	-	-	-	-

Maximum possible, optionally available connected load: 41 W.

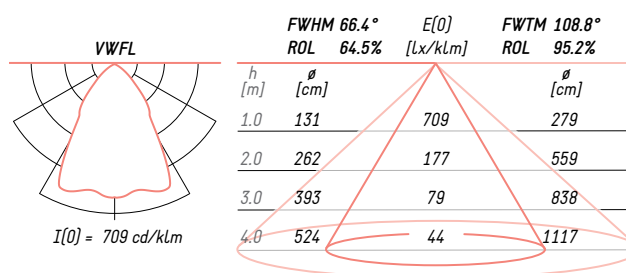
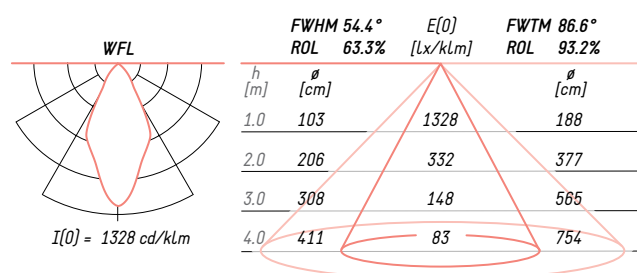
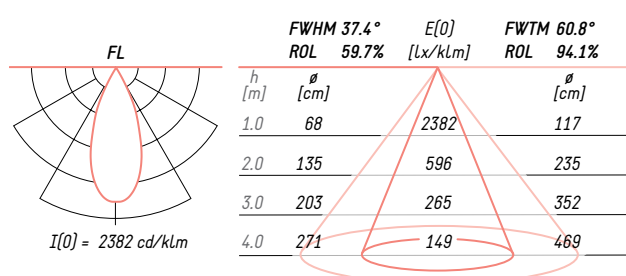
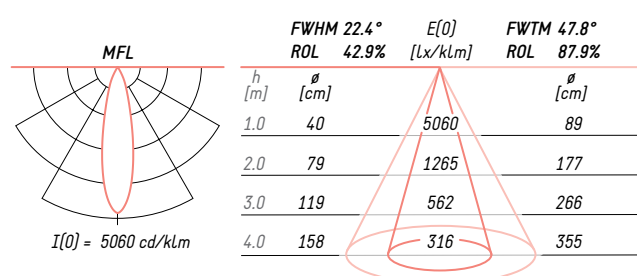
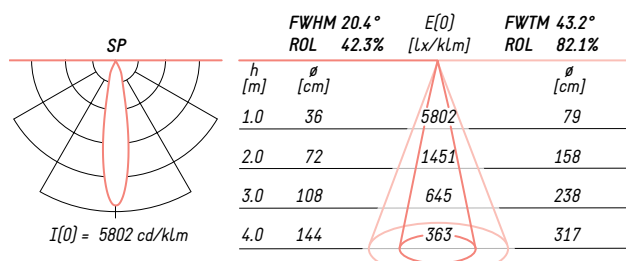
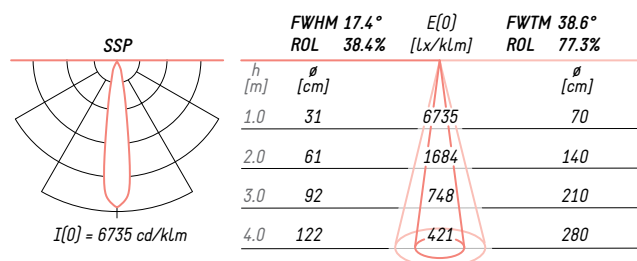
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with MFL reflector, in the case of the SSP/SP/FL/WFL/VWFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Recessed Luminaires Coray CMN



### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 1.2 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	25
Protection class	1
Type of protection	IP20
Certification mark	ENEC / CB / EAC

### Optional accessories

Product	Option
Interchangeable reflector	SSP, SP, MFL, FL, WFL, VWFL
Glasses	Safety glas
	EnergyVision (anti-glare)
	Albarino (diffusing lens)
Filter	Ribbed glass (oval light image)
	UV filter
Glare reduction	Moodfilter
	Honeycomb grid, black
	Oblique tube

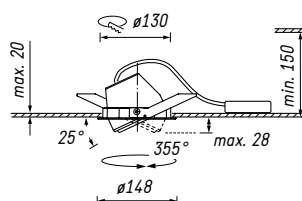
# Coray CMR



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Tool-less ceiling mounting
- Ceiling cut-out Ø130 mm
- Floor and wall mounting not permitted
- Turning and tilting (355°/25°)
- With integral reflector SSP, SP, MFL, FL, WFL or VWFL
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI or INspire lighting control system on request (INspire lighting control not for use in metal ceilings)
- Colours: white, anthracite



	Power Level								
	19W		23W		27W		31W		
	Luminous flux Luminaire [lm]	System Efficiency [lm/W]	Luminous flux Luminaire [lm]	System Efficiency [lm/W]	Luminous flux Luminaire [lm]	System Efficiency [lm/W]	Luminous flux Luminaire [lm]	System Efficiency [lm/W]	
<b>CRI</b>	830	2380	126	2788	122	3178	118	3542	114
<b>Light colour</b>	840	2498	132	2927	128	3350	124	3719	120
	927	1938	103	2270	100	2588	96	2885	93
	N27	1433	75	1667	72	1889	69	2090	66
	930	2038	108	2388	105	2722	101	3035	98
	940	2142	113	2510	110	2861	106	3190	103
<b>Brilliant</b> (930=Best color/ Best White)		1951	104	2278	100	2585	96	2864	93
<b>Meat+</b>		-	-	-	-	-	-	-	-
<b>NMeat</b>		-	-	-	-	-	-	-	-

**Photometric data**

Maximum possible, optionally available connected load: 31 W.

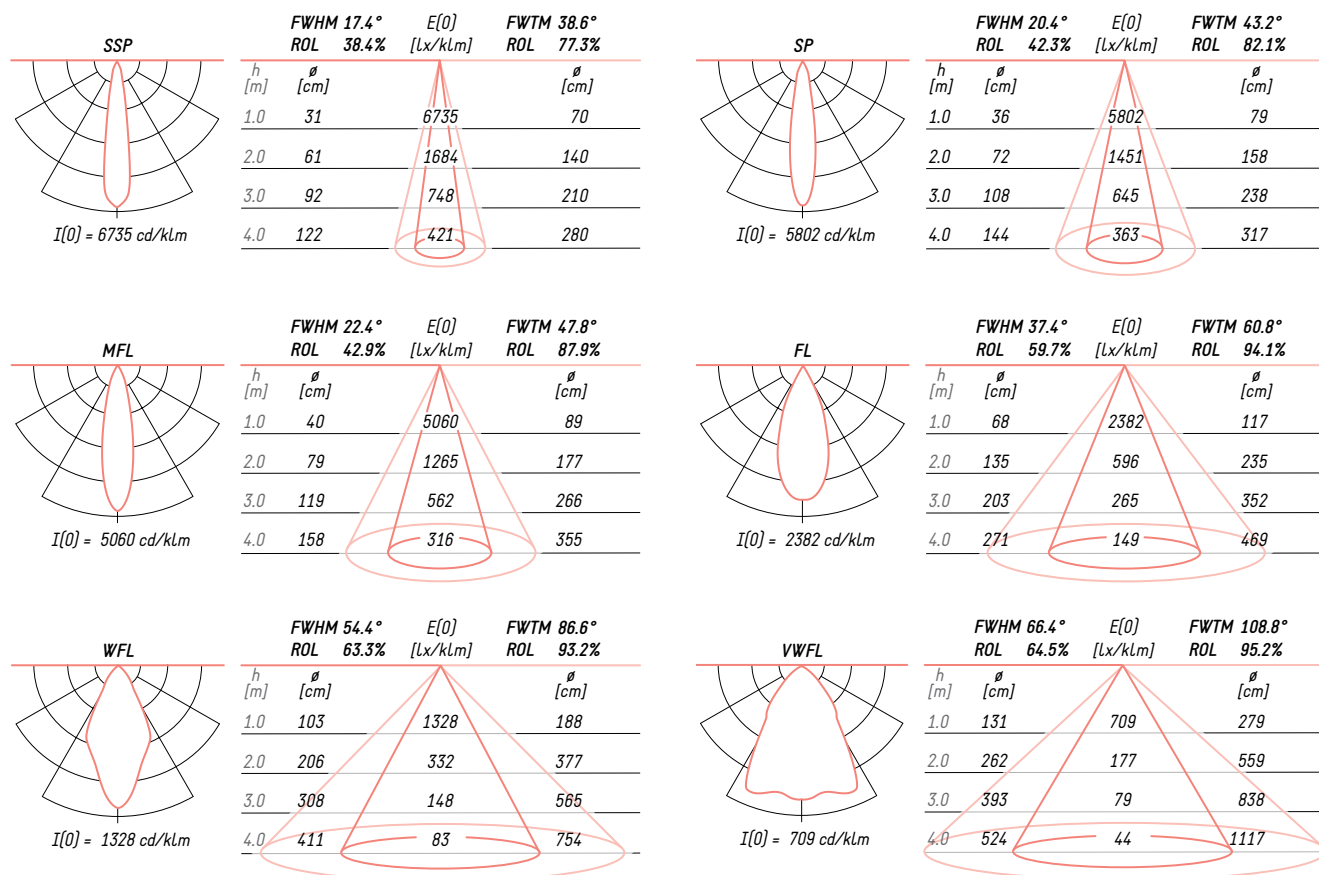
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with MFL reflector, in the case of the SSP/SP/FL/WFL/VWFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - please contact info@ansorg.de.

## Recessed luminaires Coray CMR



### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 0.8 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	25
Protection class	1
Type of protection	IP20
Certification mark	ENEC / CB / EAC

### Optional accessories

Product	Option
Interchangeable reflector	SSP, SP, MFL, FL, WFL, VWFL
Glasses	Safety glas
	EnergyVision (anti-glare)
	Albarino (diffusing lens)
Filter	Ribbed glass (oval light image)
	UV filter
Glare reduction	Moodfilter
	Honeycomb grid, black
	Oblique tube



Recessed Luminaires Coray CXN

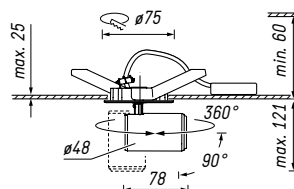
# Coray CXN



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Tool-less ceiling mounting
- Ceiling cut-out Ø75 mm
- Floor and wall mounting not permitted
- Turning and tilting (360°/90°)
- With integral collimator SSP, SP or MFL
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- Colours: white, anthracite, silver



Photometric data	CRI Light colour	Power Level	
		9W	
		Luminous flux luminaire [lm]	System Efficiency [lm/W]
	830	600	67
	840	600	67
	927	500	56
	930	500	56

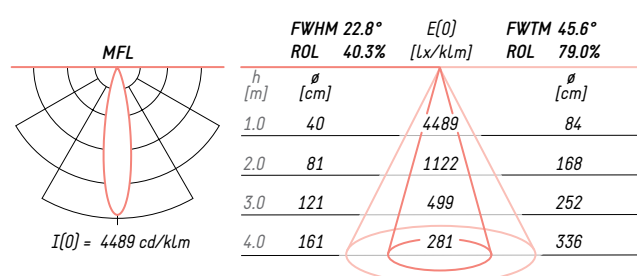
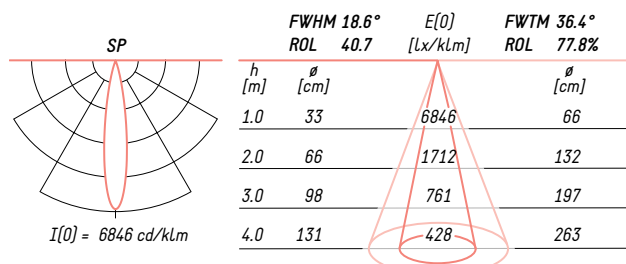
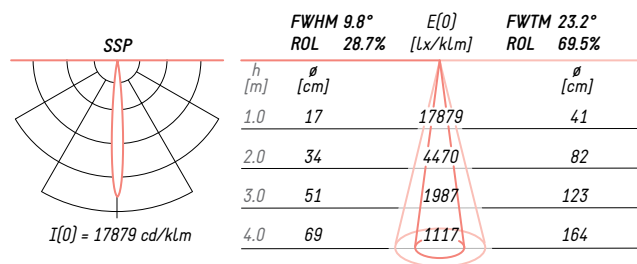
Maximum possible, optionally available connected load: 9 W.

According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact [info@ansorg.de](mailto:info@ansorg.de).

## Recessed Luminaires Coray CXN



	Information	Values
<b>Photometric information</b>	Connection data	220-240 V, 50/60 Hz (110-277 V on request)
	Weight	approx. 0.2 kg
	Colour tolerance	3SDCM (MacAdam)
	Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
	Failure rate	C0/B10 = 50.000h, Ta 25 °C
	Photobiological safety	RG2
	Number per circuit breaker B 16A	25
	Protection class	1
	Type of protection	IP20
	Certification mark	EAC
<b>Optional accessories</b>	Product	Option
	Interchangeable collimator	SSP, SP, MFL

Recessed luminaires Coray CXR

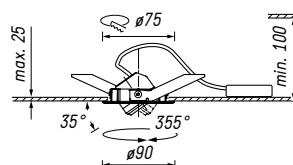
# Coray CXR



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Tool-less ceiling mounting
- Ceiling cut-out Ø75 mm
- Floor and wall mounting not permitted
- Turning and tilting (355°/35°)
- With integral collimator SSP, SP or MFL
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- Colours: white, anthracite



Photometric data	CRI Light colour	Power Level	
		9W	
		Luminous flux luminaire [lm]	System Efficiency [lm/W]
	830	600	67
	840	600	67
	927	500	56
	930	500	56

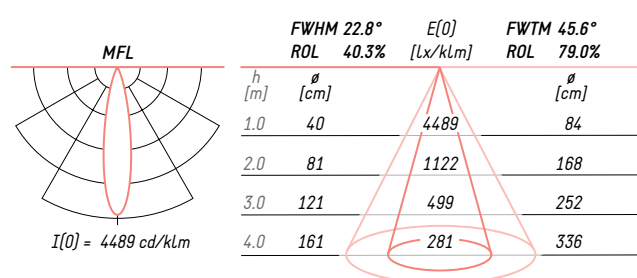
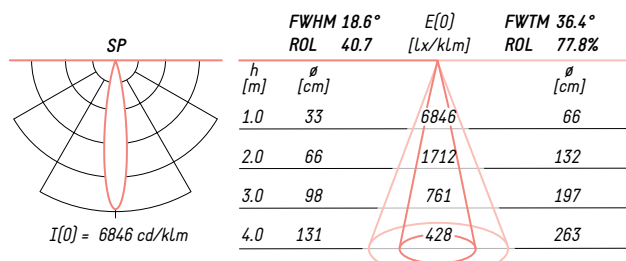
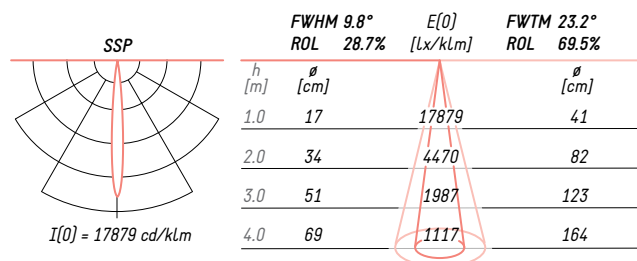
Maximum possible, optionally available connected load: 9 W.

According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact [info@ansorg.de](mailto:info@ansorg.de).

## Recessed luminaires Coray CXR



	Information	Values
<b>Photometric information</b>	Connection data	220-240 V, 50/60 Hz (110-277 V on request)
	Weight	approx. 0.2 kg
	Colour tolerance	3SDCM (MacAdam)
	Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
	Failure rate	C0/B10 = 50.000h, Ta 25 °C
	Photobiological safety	RG2
	Number per circuit breaker B 16A	25
	Protection class	1
	Type of protection	IP20
	Certification mark	EAC
<b>Optional accessories</b>	Product	Option
	Interchangeable collimator	SSP, SP, MFL

*Recessed luminaires*

# Maxx



- Versatile downlight with low installation depth
- Ideal for illumination of large areas

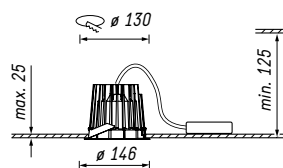
# Maxx MMD



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Downlight
- Tool-less ceiling mounting
- Ceiling cut-out Ø130 mm
- Floor and wall mounting not permitted
- With integral reflector FL, WFL or VWFL
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI or INspire lighting control system on request (INspire lighting control not for use in metal ceilings)
- Colours: white, anthracite



**Photometric data**

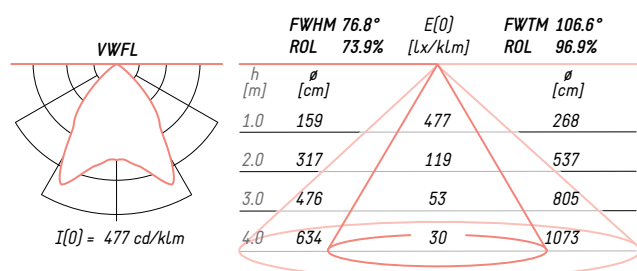
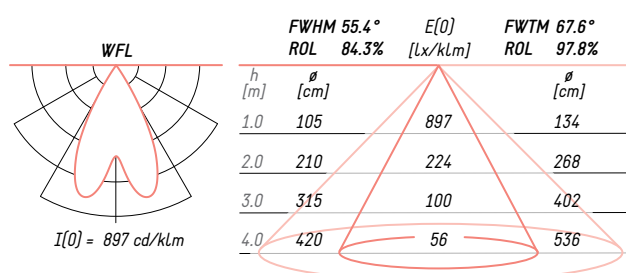
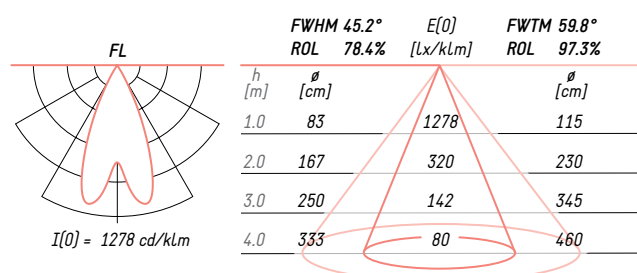
CRI Light colour	Power Level									
	22W		26W		30W		34W		40W	
	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]
830	3199	143	3675	140	4130	137	4573	134	5206	130
840	3368	151	3869	148	4348	144	4815	141	5266	131
927	2606	117	2994	114	3364	112	3726	109	4074	102
N27	-	-	-	-	-	-	-	-	-	-
930	2753	123	3163	121	3554	118	3936	115	4305	107
940	2886	129	3315	127	3726	124	4125	121	4512	113
Brilliant (930=Best color/ Best White)	2618	117	3004	115	3366	112	3713	109	4195	104
Meat	-	-	1786	68	-	-	2190	64	-	-
NMeat	-	-	1401	53	-	-	1726	50	-	-

## Recessed luminaires Maxx MMD

Photometric data	Power Level	
	46W	
	Luminous flux luminaire [lm]	System Efficiency [lm/W]
CRI		
Light colour		
830	5804	125
840	5907	128
927	4571	99
N27	-	-
930	4829	104
940	5062	109
Brilliant (930=Best color/ Best White)	4635	100
Meat	2703	58
NMeat	2152	46

Maximum possible, optionally available connected load: 52 W.

According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%. The values apply to the luminaire with FL reflector, in the case of the WFL/VWFL reflectors the values can deviate +/- 5%. The photometric values are standard values and refer to the entire luminaire. This is an example of a system design. There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.



Photometric information	Information	Values
	Connection data	220-240 V, 50/60 Hz (110-277 V on request)
	Weight	approx. 0.9 kg
	Colour tolerance	3SDCM (MacAdam)
	Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
	Failure rate	C0/B10 = 50.000h, Ta 25 °C
	Photobiological safety	RG1
	Number per circuit breaker B 16A	25
	Protection class	1
	Type of protection	IP20
Certification mark	ENEC / CB / EAC	
Optional accessories	Product	Option
	Interchangeable reflector	FL, WFL, VWFL



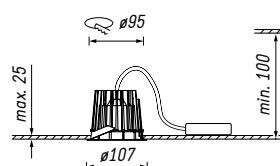
# Maxx MSD



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Downlight
- Tool-less ceiling mounting
- Ceiling cut-out Ø95 mm
- Floor and wall mounting not permitted
- With integral reflector FL, WFL or VWFL
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI or INspire lighting control system on request (INspire lighting control not for use in metal ceilings)
- Colours: white, anthracite



**Photometric data**

	Power Level									
	15W		19W		23W		27W		31W	
	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency
CRI Light colour	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]
830	2019	136	2466	130	2889	127	3293	122	3670	118
840	2121	142	2589	137	3032	133	3471	129	3854	124
927	1645	110	2008	106	2352	103	2681	99	2989	96
N27	-	-	-	-	-	-	-	-	-	-
930	1730	116	2112	112	2474	109	2821	104	3145	101
940	1818	122	2220	117	2601	114	2964	110	3305	107
Brilliant (930=Best color/ Best White)	1658	111	2022	108	2360	104	2678	100	2968	96
Meat	-	-	-	-	-	-	-	-	-	-
NMeat	-	-	957	49	-	-	-	-	1374	43

Maximum possible, optionally available connected load: 33 W.

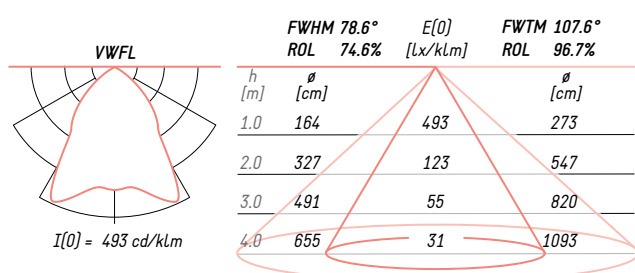
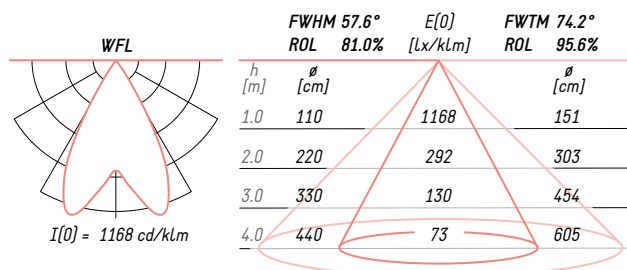
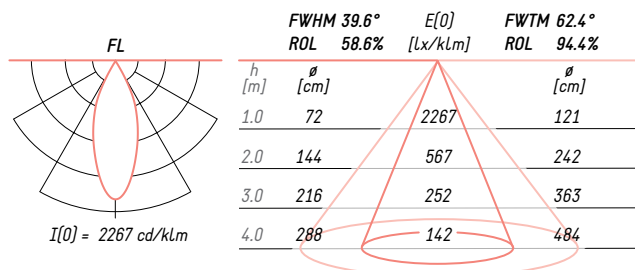
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with FL reflector, in the case of the WFL/VWFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Recessed luminaires Maxx MSD



### Photometric information

#### Information

#### Values

Connection data

220-240 V, 50/60 Hz (110-277 V on request)

Weight

approx. 0.5 kg

Colour tolerance

3SDCM (MacAdam)

Maintenance of luminous flux

L80/B10 = 50.000h, Ta 25 °C

Failure rate

CO/B10 = 50.000h, Ta 25 °C

Photobiological safety

RG1

Number per circuit breaker B 16A

25

Protection class

1

Type of protection

IP20

Certification mark

ENEC / CB / EAC

### Optional accessories

Product

Option

Interchangeable reflector

FL, WFL, VWFL

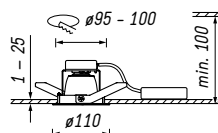
# Maxx MXD



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Downlight
- Tool-less ceiling mounting
- Ceiling cut-out Ø95-100 mm
- Floor and wall mounting not permitted
- With integral reflector SP, MFL, FL, WFL or VWFL
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- Version with colour filter, safety glass, ribbed glass, honeycomb grid or glare reduction on request
- DALI or INspire lighting control system on request (INspire lighting control not for use in metal ceilings)
- Colours: white, anthracite

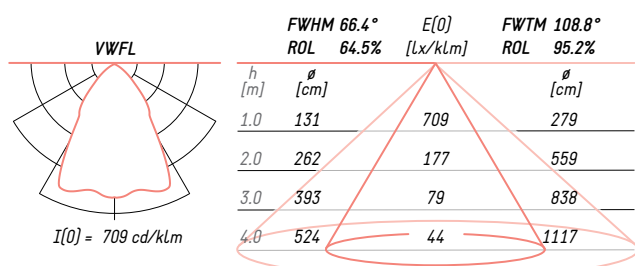
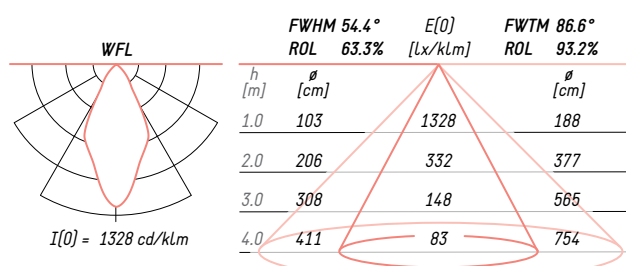
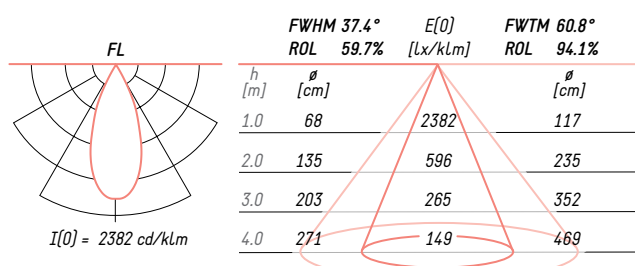
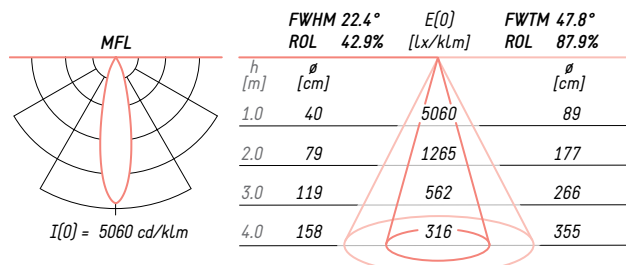
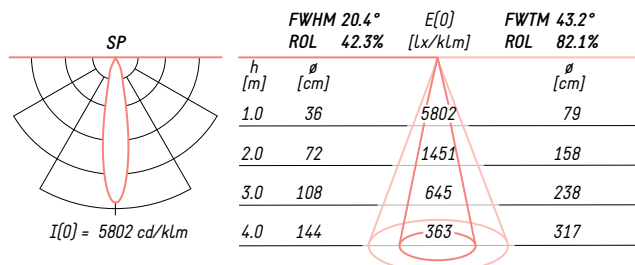


	Power Level			
	15W		19W	
	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]
<b>CRI</b>				
<b>Light colour</b>				
830	2019	136	2466	130
840	2121	142	2589	137
927	1645	110	2008	106
N27	-	-	-	-
930	1730	116	2112	112
940	1818	122	2220	117
<i>Brilliant</i> <i>[930=Best color/ Best White]</i>	1658	111	2022	108
<i>Meat</i>	-	-	-	-
<i>NMeat</i>	-	-	-	-

**Photometric data**

Maximum possible, optionally available connected load: 19 W.  
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.  
The values apply to the luminaire with MFL reflector, in the case of the SP/FL/WFL/VWFL reflectors the values can deviate +/- 5%.  
The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.  
There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Recessed luminaires Maxx MXD



### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 0.4 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	25
Protection class	1
Type of protection	IP20
Certification mark	in preparation

*Recessed luminaires*

# Navo





- Award winning, efficient aisle lighting
- Efficient illumination of vertical displays
- Glare control, indirect light direction
- Flexible and adaptable to store layout changes by means of accessories

More range variants:

Surface-mounted luminaires page 46

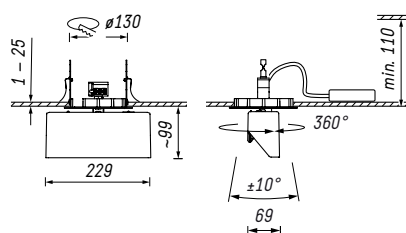
# Navo NMR



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Spotlight as directional washer
- Tool-less ceiling mounting
- Floor and wall mounting not permitted
- Turning and tilting (360°/±10°)
- Integral reflector DF-NB or WW
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI or INspire lighting control system on request (INspire lighting control not for use in metal ceilings)
- Colours: white, anthracite, silver



### Photometric data

	Power Level					
	27W		31W		35W	
	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency
CRI Light colour	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]
830	3444	128	3851	124	4244	121
840	3616	134	4044	130	4455	127
927	2805	104	3136	101	3457	98
N27	2079	76	2316	74	2546	71
930	2951	109	3299	106	3636	103
940	3100	115	3467	112	3988	113
Brilliant (930=Best color/ Best White)	2811	104	3130	101	3436	98
Meat	-	-	-	-	-	-
NMeat	-	-	-	-	-	-

Maximum possible, optionally available connected load: 41 W.

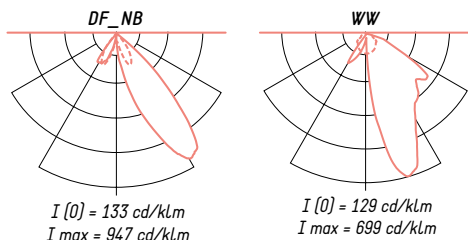
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with DF-NB reflector, in the case of the WW reflector the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Recessed luminaires Navo NMR

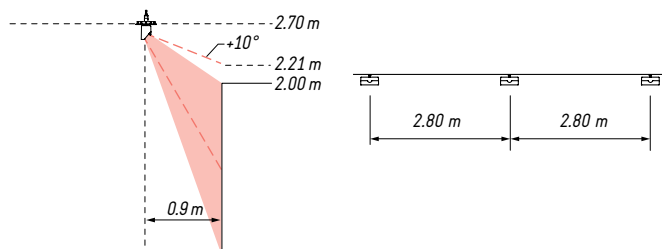


### Planing information

#### DF-NB

preferred ceiling height 2.70 m

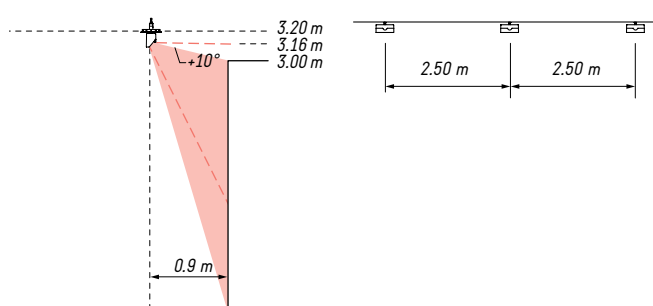
Max. distance Luminaires



#### WW

preferred ceiling height 3.20 m

Max. distance Luminaires



### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 1.0 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, $T_a$ 25 °C
Failure rate	C0/B10 = 50.000h, $T_a$ 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	25
Protection class	1
Type of protection	IP20
Certification mark	EAC



*Recessed Luminaires*

# Punta





- Uncluttered ceiling pattern thanks to balanced design
- Large pivot radius for the illumination of high decorations
- Flexible and adaptable to store layout changes
- Versatile use, from the pinpoint effect high on the wall to the illumination of edge zones

Recessed luminaires Punta PLR

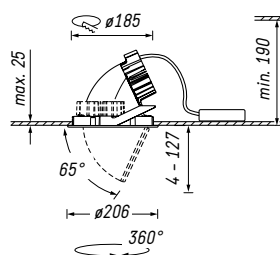
# Punta PLR



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Tool-less ceiling mounting
- Ceiling cut-out Ø185 mm
- Floor and wall mounting not permitted
- Turning and tilting (360°/65°)
- With integral reflector SSP, SP, MFL, FL or WFL
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI or INspire lighting control system on request (INspire lighting control not for use in metal ceilings)
- Colours: white, anthracite



**Photometric data**

	Power Level					
	34W		40W		46W	
	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]
830	4469	131	5088	127	5672	123
840	4706	138	5357	134	5972	129
927	3641	106	4145	103	4621	100
N27	-	-	-	-	3446	75
930	3847	112	4379	109	4881	105
940	4032	118	4590	114	5116	110
Brilliant (930=Best color/ Best White)	3628	106	4100	102	4530	97
Meat+	2141	63	2402	60	2642	57
NMeat	1706	50	1926	48	2127	45

Maximum possible, optionally available connected load: 50 W.

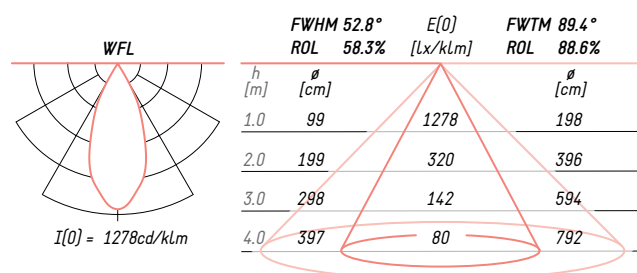
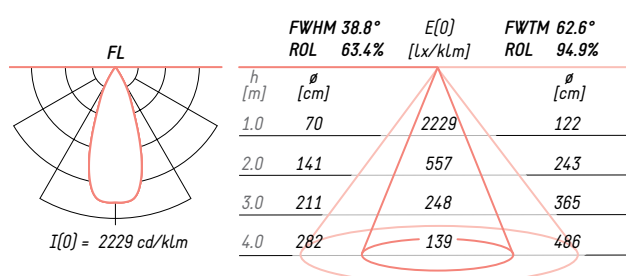
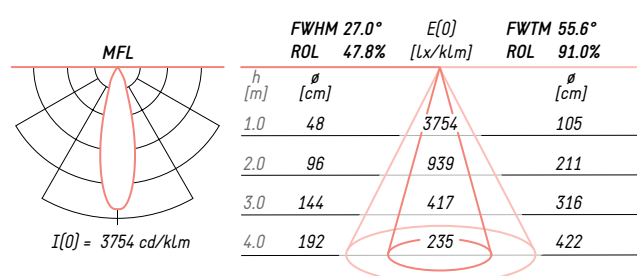
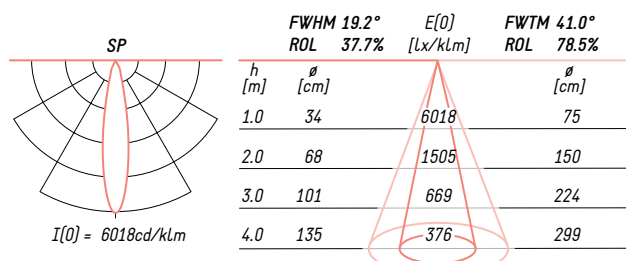
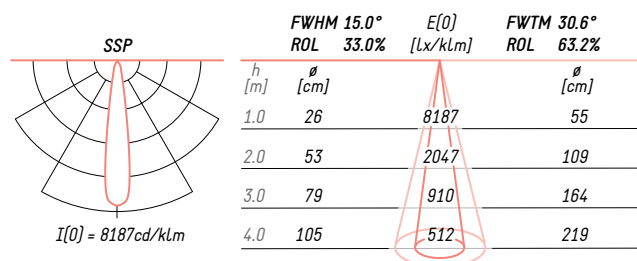
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with MFL reflector, in the case of the SSP/SP/FL/WFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Recessed luminaires Punta PLR



### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 1.26 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	25
Protection class	1
Type of protection	IP20
Certification mark	ENEC / CB

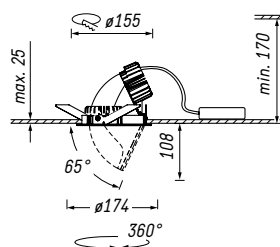
# Punta PMR



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Tool-less ceiling mounting
- Ceiling cut-out Ø155 mm
- Floor and wall mounting not permitted
- Turning and tilting (360°/65°)
- With integral reflector SSP, SP, MFL, FL or WFL
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI or INspire lighting control system on request (INspire lighting control not for use in metal ceilings)
- Colours: white, anthracite



	Power Level							
	26W		30W		34W		40W	
	Luminous flux Luminaire	System Efficiency	Luminous flux Luminaire	System Efficiency	Luminous flux Luminaire	System Efficiency	Luminous flux Luminaire	System Efficiency
CRI Light colour	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]
830	3550	135	3989	133	4417	129	4969	124
840	3737	143	4200	140	4651	136	5233	130
927	2892	110	3250	108	3599	105	4049	101
N27	-	-	-	-	-	-	3118	78
930	3055	117	3433	114	3802	111	4277	107
940	3202	122	3599	120	3985	117	4483	112
Brilliant (930-Best color/ Best White)	2902	111	3251	108	3586	105	4004	100
Meat	-	-	-	-	-	-	2346	58
NMeat	-	-	-	-	-	-	1882	47

Photometric data

Maximum possible, optionally available connected load: 40 W.

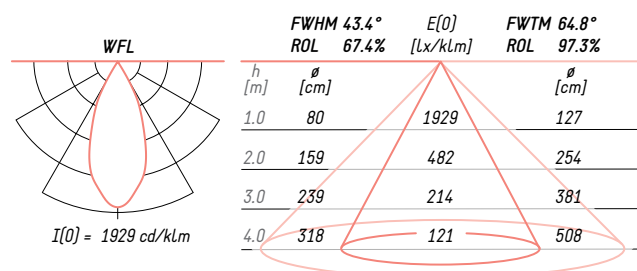
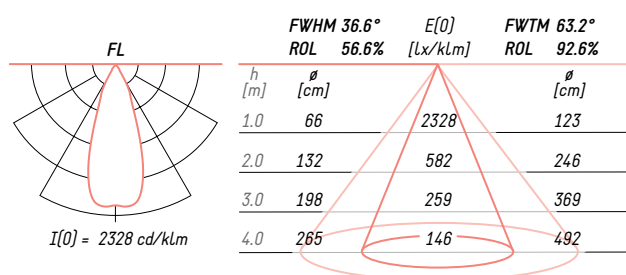
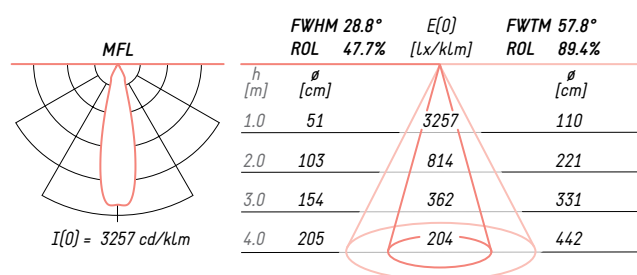
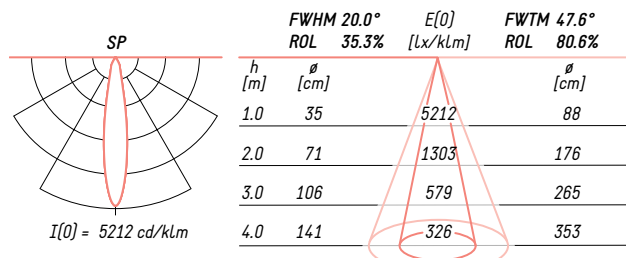
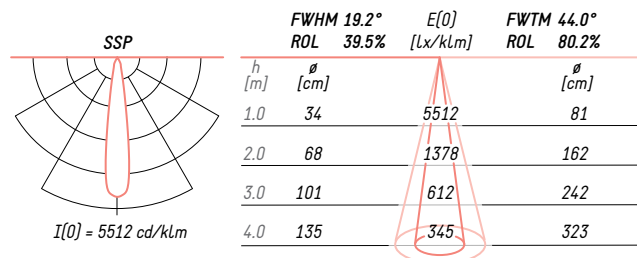
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with MFL reflector, in the case of the SSP/SP/FL/WFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Recessed luminaires Punta PMR



### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 0.98 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	25
Protection class	1
Type of protection	IP20
Certification mark	ENEC / CB

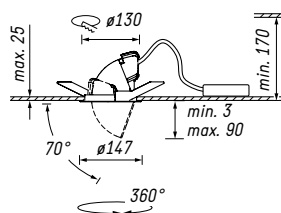
# Punta PSR



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Tool-less ceiling mounting
- Ceiling cut-out Ø130 mm
- Floor and wall mounting not permitted
- Turning and tilting (360°/70°)
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI or INspire lighting control system on request (INspire lighting control not for use in metal ceilings)
- Colours: white, anthracite



**Photometric data**

	Power Level							
	15W		19W		23W		29W	
	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux	System Efficiency	Luminous flux	System Efficiency
CRI Light colour	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]
830	1949	131	2380	126	2788	122	3363	116
840	2047	137	2498	132	2927	128	3531	122
927	1588	107	1938	103	2270	100	2739	94
N27	-	-	-	-	-	-	-	-
930	1670	112	2038	108	2388	105	2881	99
940	1755	118	2142	113	2510	110	3028	104
Brilliant (930=Best color/ Best White)	1600	107	1951	104	2278	100	2727	94
Meat	-	-	-	-	-	-	-	-
NMeat	-	-	-	-	-	-	-	-

Maximum possible, optionally available connected load: 29 W.

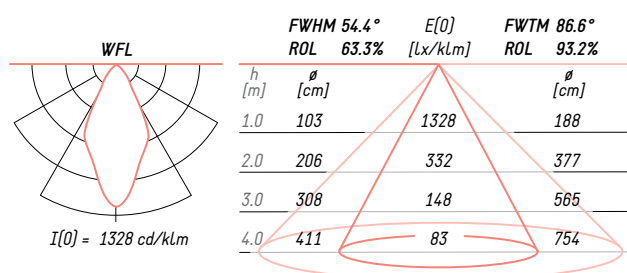
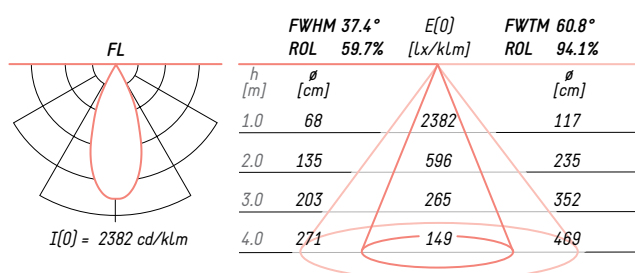
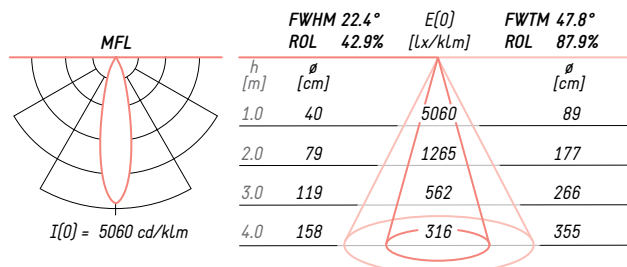
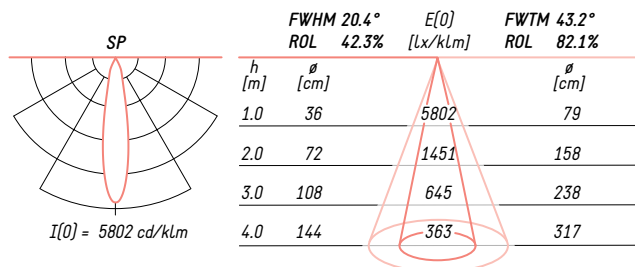
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with MFL reflector, in the case of the SP/FL/WFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Recessed luminaires Punta PSR



### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 0.72 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	25
Protection class	1
Type of protection	IP20
Certification mark	ENEC / CB / EAC



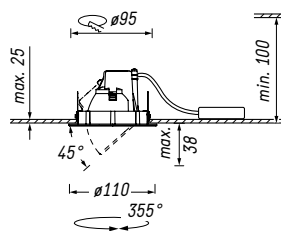
# Punta PXR



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Tool-less ceiling mounting
- Ceiling cut-out Ø95 mm
- Floor and wall mounting not permitted
- Turning and tilting (355°/45°)
- With integral reflector SP, MFL or FL
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI or INspire lighting control system on request (INspire lighting control not for use in metal ceilings)
- Colours: white, anthracite



**Photometric data**

	Power Level				
	11W		16W		
	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]	
CRI	830	1398	123	1783	115
Light colour	840	1468	129	1873	121
	927	1139	100	1452	94
	N27	-	-	-	-
	930	1198	105	1528	99
	940	1258	110	1605	104
Brilliant (930=Best color/ Best White)		1111	96	1393	88
Meat		-	-	-	-
NMeat		-	-	-	-

Maximum possible, optionally available connected load: 17 W.

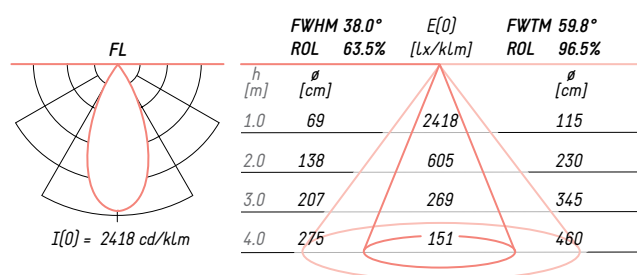
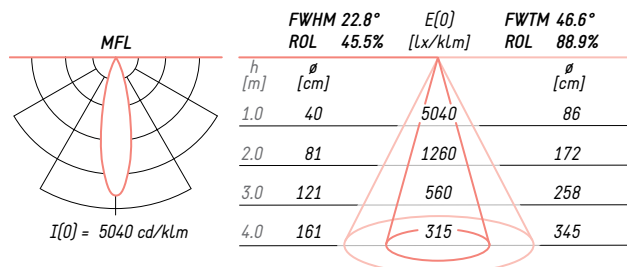
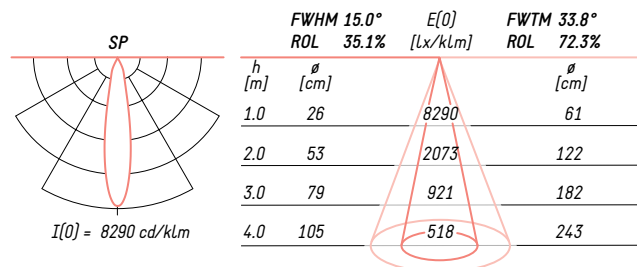
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with MFL reflector, in the case of the SP/FL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Recessed Luminaires Punta PXR



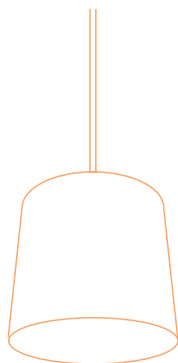
### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 0.5 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	25
Protection class	1
Type of protection	IP20
Certification mark	ENEC / CB

# Suspended luminaires

*Suspended luminaires*

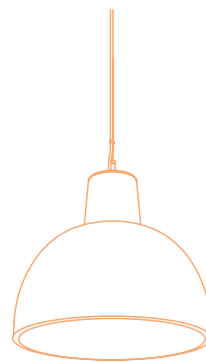
*Collection  
98*



*Lizzy  
104*



*Mona  
108*



*Suspended luminaires*

# Collection





- Individualised luminaire design
- Combination of decorative use of shapes and highly-efficient merchandise lighting

# Collection CPL

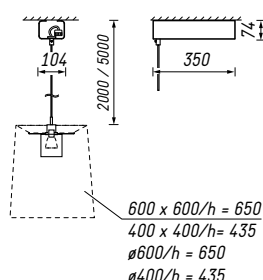


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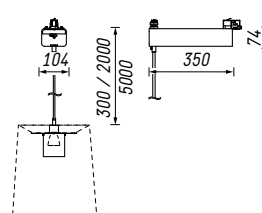


- Lighting technology LED (optionally available with E27 socket)
- Suspended luminaire with lamp shade (cubical and conical) in different surface finishes
- Transparent suspension wire
- With integral reflector MFL, FL or WFL
- Supply unit included
- Connection to mains by means of 3-pole terminal block, 3-circuit adapter or by Wieland plug GST1 8i3; wire length l = 0.5 m
- DALI lighting control system on request
- Colours: white, anthracite

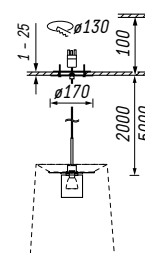
with ceiling box



with 3-circuit adapter and ceiling box



with ceiling plate



**Photometric data**

CRI Light colour	Power Level			
	26W		40W	
	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]
830	3633	139	5147	128
840	3825	146	5419	135
927	2960	113	4193	105
N27	2185	80	3046	76
930	3127	119	4430	110
940	3277	125	4643	116
Brilliant (930=Best color/ Best White)	2970	113	4147	103
Meat	1827	71	2576	66
NMeat	-	-	1949	48

Maximum possible, optionally available connected load: 40 W.

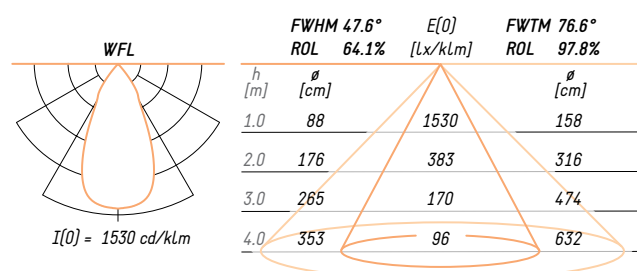
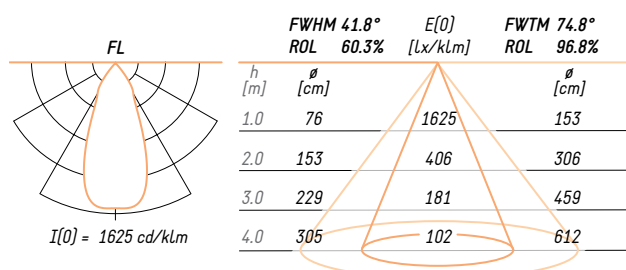
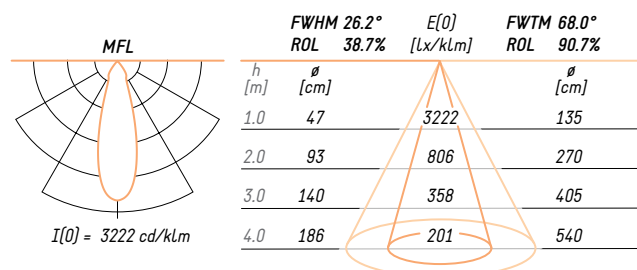
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with MFL reflector, in the case of the SSP/SP/FL/WFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Suspended luminaires Collection CPL



		Information	Values
<b>Photometric information</b>		Connection data	220-240 V, 50/60 Hz (110-277 V on request)
		Weight	approx. 1.8 kg with lamp shade
		Colour tolerance	3SDCM (MacAdam)
		Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
		Failure rate	C0/B10 = 50.000h, Ta 25 °C
		Photobiological safety	RG1
		Number per circuit breaker B 16A	25
		Protection class	1
		Type of protection	IP20
	Certification mark	EAC	
<b>Optional accessories</b>	<b>Product</b>	<b>Option</b>	
		Lamp shades*	∅400 mm / h = 435 mm
			∅600 mm / h = 650 mm
			400 x 400 mm / h = 435 mm
			600 x 600 mm / h = 650 mm








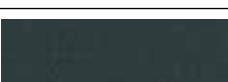





\*For lamp shade colors and surfaces see page 128-129



# Collection Lamp shades










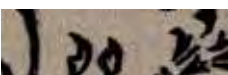











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		400x400 / h= 435 mm	600x600 / h= 650 mm	∅400 / h= 435 mm	∅600 / h= 650 mm
					
	<i>Kim night</i>	17 SC 0140	17 SC 0240	17 SC 0340	17 SC 0440
	<i>Kim day</i>	17 SC 0141	17 SC 0241	17 SC 0341	17 SC 0441
	<i>Kim plum</i>	17 SC 0142	17 SC 0242	17 SC 0342	17 SC 0442
	<i>Kim ocean</i>	17 SC 0143	17 SC 0243	17 SC 0343	17 SC 0443
	<i>Kim forrest</i>	17 SC 0144	17 SC 0244	17 SC 0344	17 SC 0444
	<i>Kim clay</i>	17 SC 0145	17 SC 0245	17 SC 0345	17 SC 0454
	<i>Kim grass</i>	17 SC 0146	17 SC 0246	17 SC 0346	17 SC 0464
	<i>Chintz night</i>	17 SC 0110	17 SC 0210	17 SC 0310	17 SC 0104
	<i>Chintz day</i>	17 SC 0131	17 SC 0231	17 SC 0331	17 SC 0314
	<i>Chintz pepper</i>	17 SC 0130	17 SC 0230	17 SC 0330	17 SC 0304
	<i>Chintz chocolate</i>	17 SC 0132	17 SC 0232	17 SC 0332	17 SC 0324
	<i>Chintz nougat</i>	17 SC 0137	17 SC 0237	17 SC 0337	17 SC 0374
	<i>Chintz cappuccino</i>	17 SC 0138	17 SC 0238	17 SC 0338	17 SC 0384
	<i>Chintz grape</i>	17 SC 0139	17 SC 0239	17 SC 0339	17 SC 0394
	<i>Rouge (transparent)</i>	17 SC 0161	17 SC 0261	17 SC 0361	17 SC 0614

The colours of the printed images may differ from those of the originals. Other colours and materials on request ([info@ansorg.com](mailto:info@ansorg.com)).

## Suspended luminaires Lamp shades

		400x400 / h= 435 mm	600x600 / h= 650 mm	ø400 / h= 435 mm	ø600 / h= 650 mm
					
	Smoke (transparent)	17 SC 0162	17 SC 0262	17 SC 0362	17 SC 0624
	Aluminium silver	17 SC 0158	17 SC 0258	17 SC 0358	17 SC 0584
	Aluminium gold	17 SC 0159	17 SC 0259	17 SC 0359	17 SC 0594
	Mirror	17 SC 0160	17 SC 0260	17 SC 0360	17 SC 0604
	Kraft	17 SC 0107	17 SC 0207	17 SC 0307	17 SC 0074
	Lombok ash	17 SC 0154	17 SC 0254	17 SC 0354	17 SC 0544
	Lombok walnut	17 SC 0155	17 SC 0255	17 SC 0355	17 SC 0554
	Palma day	17 SC 0150	17 SC 0250	17 SC 0350	17 SC 0504
	Palma night	17 SC 0153	17 SC 0253	17 SC 0353	17 SC 0534
	Palma stone	17 SC 0151	17 SC 0251	17 SC 0351	17 SC 0514
	Palma sand	17 SC 0152	17 SC 0252	17 SC 0352	17 SC 0524
	Dahlia (translucent)	17 SC 0100	17 SC 0200	17 SC 0300	17 SC 0004
	Barcode (translucent)	17 SC 0109	17 SC 0209	17 SC 0309	17 SC 0094
	Space silver (transparent)	17 SC 0156	17 SC 0256	17 SC 0356	17 SC 0564
	Space gold (transparent)	17 SC 0157	17 SC 0257	17 SC 0357	17 SC 0574

The colours of the printed images may differ from those of the originals. Other colours and materials on request ([info@ansorg.com](mailto:info@ansorg.com)).

*Suspended luminaires*

# Lizzy





- Decorative light combined with technical and functional lighting of merchandise
- One light element for practically all lampshade
- Maximum flexibility in design with individually selected lampshades
- Tool-free lens replacement for fast adaptation of the beam angle

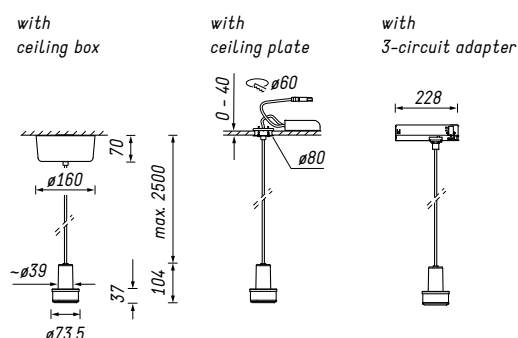
# Lizzy LMP



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Pendulum head for use with individual lamp shades (with Ø 41mm aperture, max. weight 3 kg/and max. 2 kg with the model that has a bus bar adapter and with DALI)
- For three-circuit track or surface mounting
- Pendulum head with three different lenses (MFL, FL or WVFL)
- Tool-less lens replacement
- Suspension wire, black or white
- Supply unit included
- Connection to mains by means of 3-pole terminal block, 3-circuit adapter or by Wieland plug GST18i3
- DALI lighting control system on request
- Colours: white, anthracite



	Power Level							
	9 W / 250 mA		13 W / 350 mA		17 W / 450 mA		21 W / 550 mA	
	Luminous flux luminaire	System Effizienz	Luminous flux luminaire	System Effizienz	Luminous flux luminaire	System Effizienz	Luminous flux luminaire	System Effizienz
CRI Light colour	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]
830	1352	148	1854	144	2334	140	2793	135
840	1420	158	1946	151	2451	147	2932	142
927	1101	121	1510	117	1901	114	2275	110
N27	823	90	1120	87	1402	84	1670	80
Brilliant (930-Best color/ Best White)	1116	124	1538	120	1934	117	2303	113
Meat	-	-	-	-	900	53	1066	50

**Photometric data**

Maximum possible, optionally available connected load: 21 W.

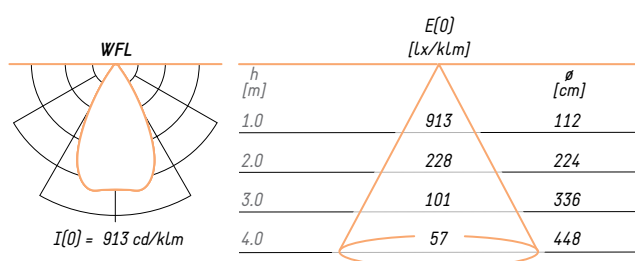
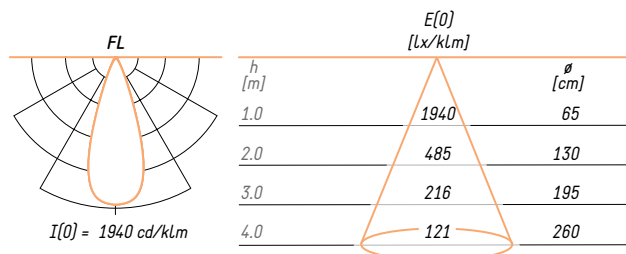
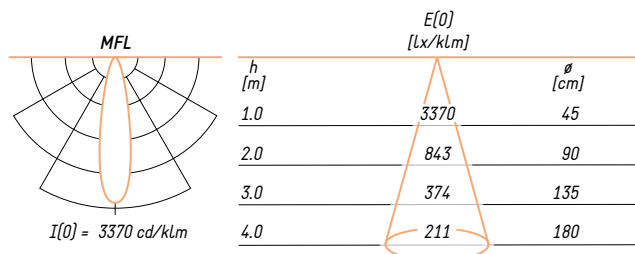
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with MFL reflector, in the case of the FL/WFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Suspended luminaires Lizzy LMP



	<b>Information</b>	<b>Values</b>
<b>Photometric information</b>	Connection data	220-240 V, 50/60 Hz (110-277 V on request)
	Weights	approx. 1.5 kg with ceiling box approx. 1.0 kg with ceiling plate approx. 0.7 kg with 3-circuit adapter
	Colour tolerance	3SDCM (MacAdam)
	Maintenance of luminous flux	L80/B10 = 50.000h, $T_a$ 25 °C
	Failure rate	C0/B10 = 50.000h, $T_a$ 25 °C
	Photobiological safety	RG1
	Number per circuit breaker B 16A	25
	Protection class	1
Type of protection	IP20	
<b>Optional accessories</b>	<b>Product</b>	<b>Option</b>
	Interchangeable optics	MFL, FL, WFL
	Cable carrier	
	Rubber pad for glass lamp shade	

*Suspended luminaires*

# Mona





- Decorative language of design and emotional effect with optimum product lighting at a very high lighting level
- Alternatively, also available for lamps with E27 socket
- Two lampshade sizes, optionally customised colour design



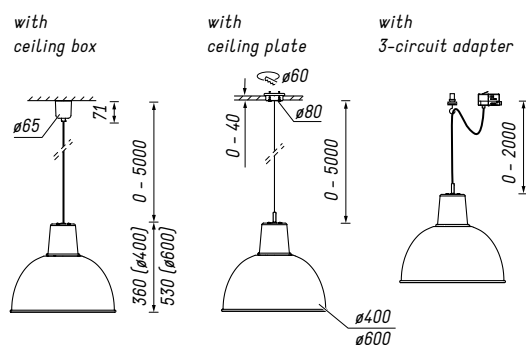
# Mona MIL



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Suspended luminaire for three-circuit track or surface mounting
- Lamp shade in two sizes and three colours
- Textile suspension wire, black or white
- With integral reflector SSP, SP, MFL, FL or WFL
- Supply unit included
- Connection to mains by means of 3-pole terminal block or 3-circuit adapter
- DALI lighting control system on request
- Lamp shade white, black, grey - available in all RAL colours on request, lamp shade inside colour is always white



	Power Level							
	26W		30W		34W		40W	
	Luminous flux Luminaire	System Efficiency	Luminous flux Luminaire	System Efficiency	Luminous flux Luminaire	System Efficiency	Luminous flux Luminaire	System Efficiency
<b>CRI</b>	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]
<b>Light colour</b>								
830	3550	135	3989	133	4417	129	5029	125
840	3737	143	4200	140	4651	136	5086	127
927	2892	110	3250	108	3599	105	4097	102
N27	-	-	2350	78	-	-	3081	77
930	3055	117	3433	114	3802	111	4328	108
940	3202	122	3599	120	3985	117	4536	113
<i>Brilliant</i> <i>(930-Best color/ Best White)</i>	2902	111	3251	108	3586	105	4052	101
<i>Meat</i>	-	-	-	-	-	-	2374	59
<i>NMeat</i>	-	-	-	-	-	-	1904	47

**Photometric data**

Maximum possible, optionally available connected load: 40 W.

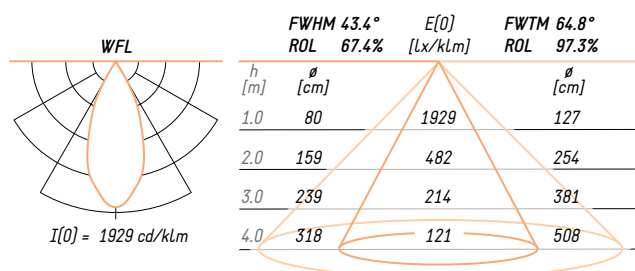
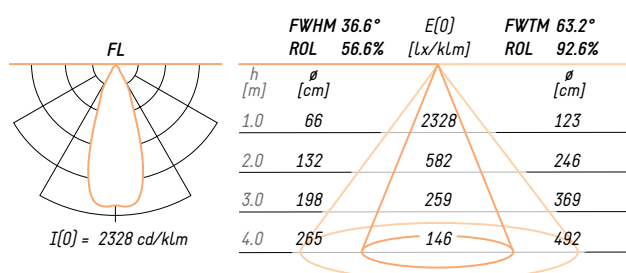
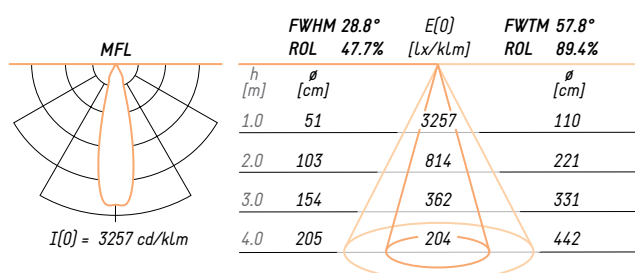
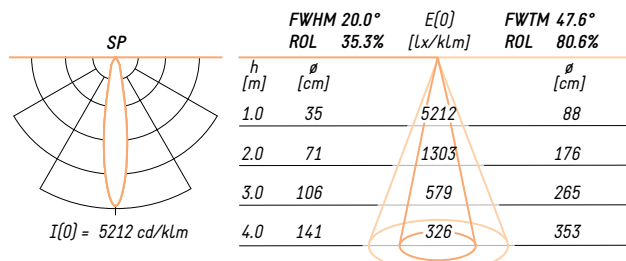
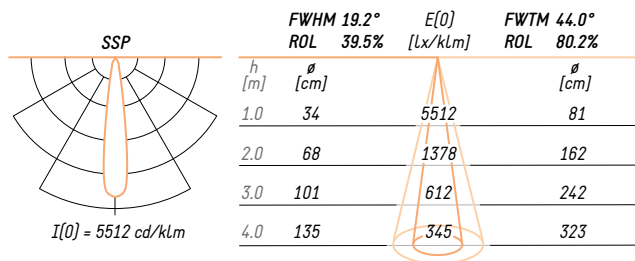
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with MFL reflector, in the case of the SSP/SP/FL/WFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Suspended luminaires Mona MIL



### Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 4.0 kg ( $\varnothing$ 400) / 6.0 kg ( $\varnothing$ 600)
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	25
Protection class	1
Type of protection	IP20
Certification mark	EAC

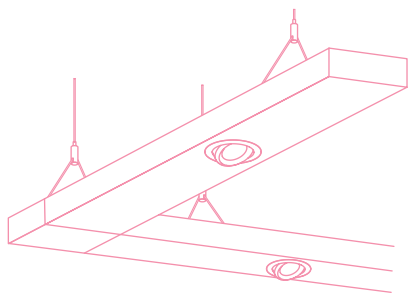
### Optional accessories

Product	Option
Interchangeable reflector	SSP, SP, MFL, FL, WFL
Glasses	Safety glas
	EnergyVision (anti-glare)
	Albarino (diffusing lens)
	Ribbed glass (oval light image)
Filter	UV filter
	Moodfilter
Glare reduction	Honeycomb grid, black
	Oblique tube

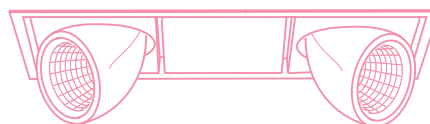
# Linear systems

*Linear systems*

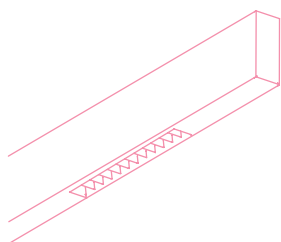
*Floatline*  
114



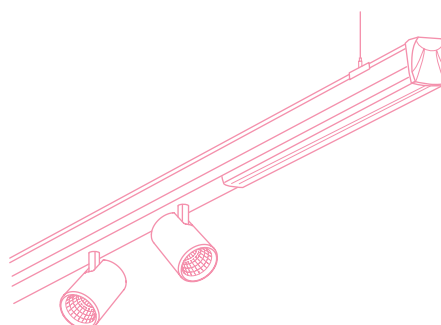
*Lightstripe*  
120



*Shyn*  
132



*Simpless*  
138



*Linear systems*

# Floatline





- Streamlined design offering maximum flexibility thanks to the variable use of luminaires with 130 mm ceiling cut-outs
- Ideal for large and high retail spaces, above counters, promotion areas and customer traffic zones



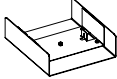

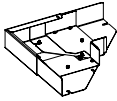

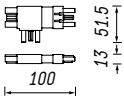

100% recyclable,  
no composites,  
easy separation.

# Floatline FTN

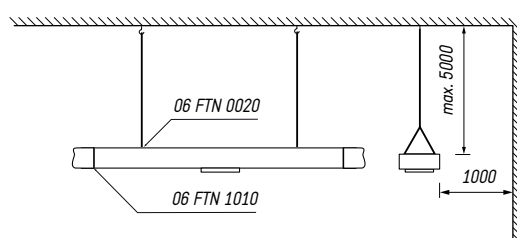
- Luminaire system for suspended mounting
- Profiles for recessed spotlights or downlights with cutout  $\varnothing$  130 mm
- Individual profiles in different lengths
- Quick and easy mounting without the use of tools
- Colours: black or white

**Profiles**

Description		Weight	Length	Article number
without cutout		3.2 kg	1250 mm	06FTN0001-...
		3.8 kg	1500 mm	06FTN0002-...
with cutout 1 x $\varnothing$ 130 mm		3.1 kg	1250 mm	06FTN0011-...
		3.7 kg	1500 mm	06FTN0012-...
with cutout 2 x $\varnothing$ 130 mm		3.0 kg	1250 mm	06FTN0021-...
		3.6 kg	1500 mm	06FTN0022-...
		6.2 kg	2500 mm	06FTN0023-...
with cutout 3 x $\varnothing$ 130 mm		6.1 kg	2500 mm	06FTN0033-...
Transverse profile without cutout		5.7 kg	2000 mm	06FTN6006-...
Transverse profile with cutout 1 x $\varnothing$ 130 mm		5.6 kg	2000 mm	06FTN6016-...
Transverse profile with cutout 2 x $\varnothing$ 130 mm		5.5 kg	2000 mm	06FTN6026-...

	<i>Description</i>	<i>Article number</i>	
<b>Elements for mounting</b>	<i>Butt connector</i>		<i>06FTN1010</i>
	<i>Suspension piece (shiftable) with steel cable, l = 5000 mm</i>		<i>06FTN0020</i>
	<i>Corner piece</i>		<i>06FTN1030-...</i>
	<i>End cap (2 pieces per unit)</i>		<i>06FTN0060-...</i>
	<i>Electrical connector 2-fold Wieland GST18i3</i>		<i>60VT3110</i>
	<i>Connecting cable l = 2000 mm with plug and jack Wieland GST18i3</i>		<i>29AK4113-...</i>

## Planning information





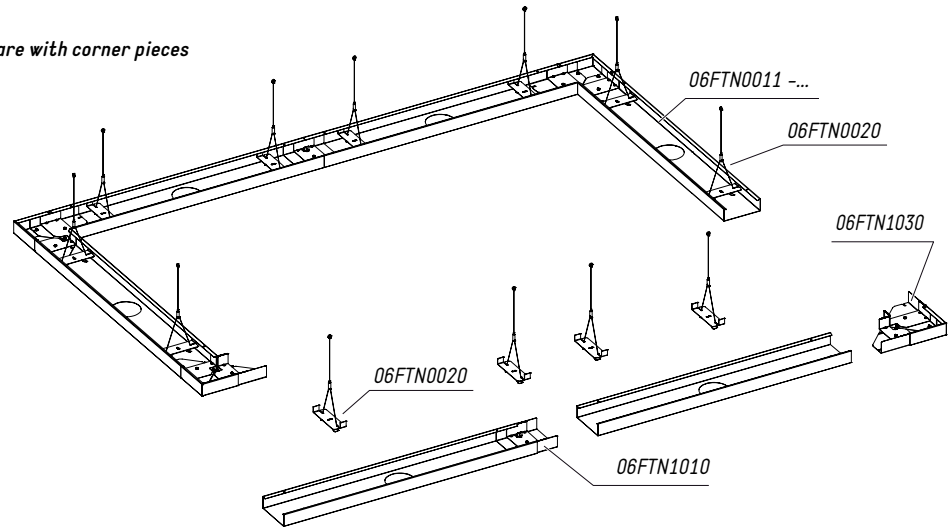


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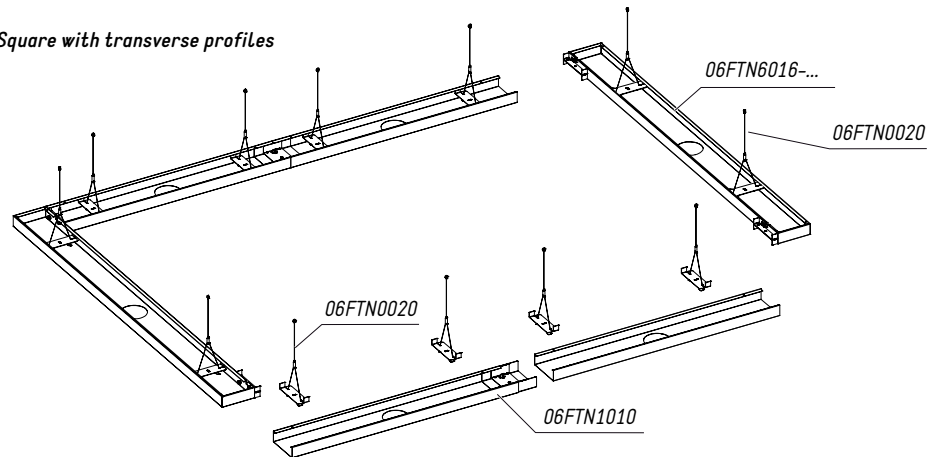
# Floatline FTN

## Design examples

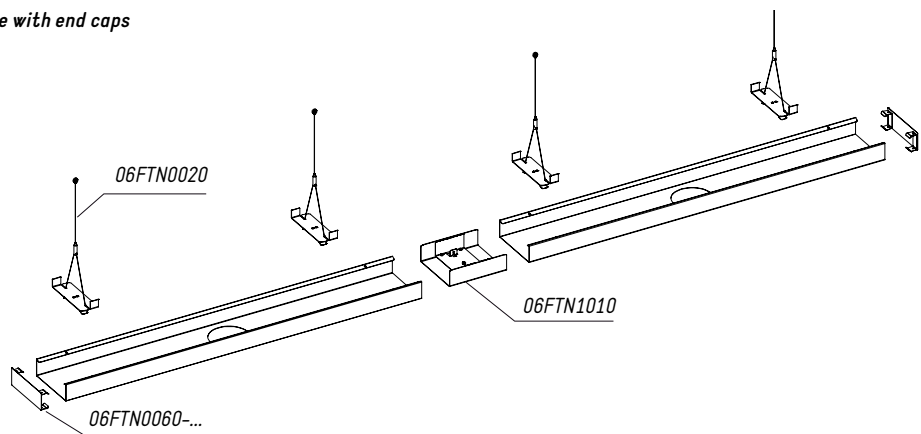
*Square with corner pieces*



*Square with transverse profiles*



*Line with end caps*

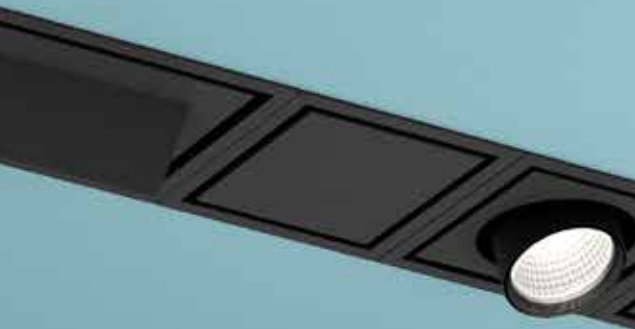




*Linear systems*

# Lightstripe





- Versatile modular system for universal lighting tasks, ambient, accent, wall washers, emergency lighting and loudspeakers
- Maximum flexibility – can be changed at anytime to accommodate a new layout

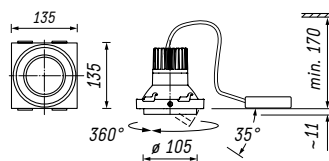
# Lightstripe LCL



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Function panel (single module) with recessed spotlight, gimbal-mounted
- Fitting of the function panel in the frame without the use of tools
- Floor and wall mounting not permitted
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length  $l = 0.5 \text{ m}$
- DALI or INspire lighting control system on request (INspire lighting control not for use in metal ceilings)
- Colours: white, anthracite, silver



**Photometric data**

	Power Level									
	19W		23W		27W		31W		35W	
	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency
CRI Light colour	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]
830	2532	134	2978	131	3405	126	3807	123	4196	119
840	2658	141	3127	137	3575	132	3998	129	4405	125
927	2062	109	2426	106	2774	103	3101	100	3417	97
N27	1536	81	1803	78	2055	76	2290	73	2517	71
930	2169	115	2552	112	2917	108	3433	111	3595	102
940	2279	121	2681	118	3065	114	3428	111	3778	107
Brilliant (930=Best color/ Best White)	2077	110	2438	107	2779	103	3095	100	3397	97
Meat	-	-	-	-	-	-	-	-	-	-
NMeat	-	-	-	-	-	-	-	-	1604	44

Maximum possible, optionally available connected load: 38 W.

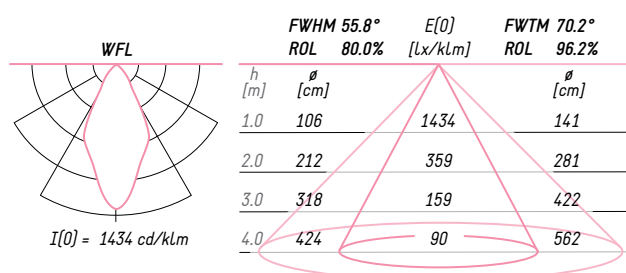
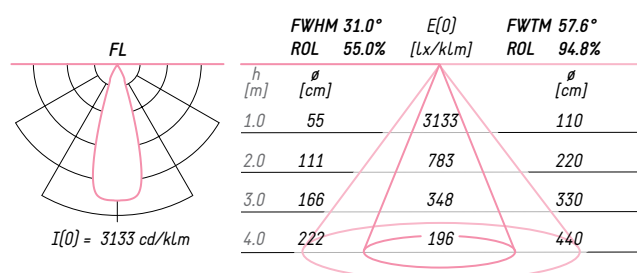
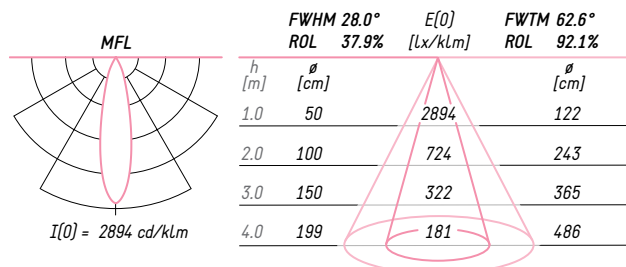
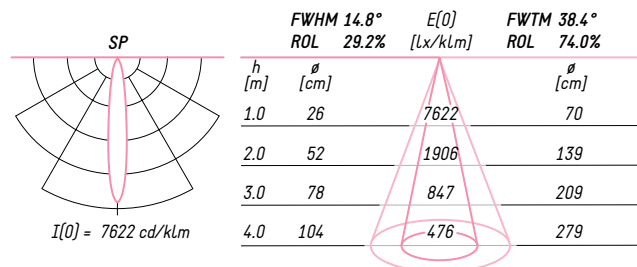
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with MFL reflector, in the case of the SP/FL/WFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Linear systems



	Information	Values
<b>Photometric information</b>	Connection data	220 V, 50/60 Hz (110-277 V on request)
	Weight	approx. 1.0 kg
	Colour tolerance	3SDCM (MacAdam)
	Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
	Failure rate	C0/B10 = 50.000h, Ta 25 °C
	Photobiological safety	RG1
	Number per circuit breaker B 16A	34
	Protection class	1
	Type of protection	IP20
	Certification mark	EAC
	<b>Product</b>	<b>Option</b>
<b>Accessories</b>	Fitting frame	Lightstripe LLS (1 to 3 modules)
	Blank panel	Lightstripe LLS (1 to 2 modules)
	Interchangeable reflector	SP, MFL, FL, WFL
<b>Optional accessories</b>	Glasses	Safety glas
		EnergyVision (anti-glare)
		Albarino (diffusing lens)
		Ribbed glass (oval light image)
	Filter	UV filter
Moodfilter		
Glare reduction	Honeycomb grid, black	

# Lightstripe LEL

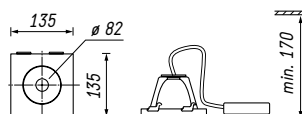


100% recyclable,  
no composites,  
easy separation.

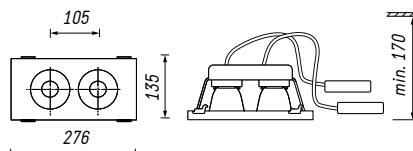


- Lighting technology LED
- Function panel (single or double module) with one or two downlight
- Fitting of the function panel in the frame without the use of tools
- Floor and wall mounting not permitted
- With integral reflector FL, WFL or VWFL
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI or INspire lighting control system on request (INspire Lighting Control not for use in metal ceilings)
- Colours: white, anthracite, silver

Single module



Double module



**Photometric data  
single module**

	Power Level									
	22W		26W		30W		34W		40W	
CRI Light colour	Luminous flux Luminaire	System Efficiency	Luminous flux Luminaire	System Efficiency	Luminous flux Luminaire	System Efficiency	Luminous flux Luminaire	System Efficiency	Luminous flux Luminaire	System Efficiency
	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]
830	1150	144	2071	139	2978	131	3972	120	4324	116
840	1196	150	2153	144	3098	136	4133	125	4500	121
927	1089	115	2023	108	3016	98	-	-	3448	93
N27	1126	86	2079	76	-	-	-	-	2652	70
930	1130	119	2101	112	2973	103	-	-	3579	96
940	1147	119	2066	108	3048	96	-	-	3473	90
Brilliant [930-Best color/ Best White]	1130	119	2101	112	2973	103	-	-	3579	96
Meat	-	-	-	-	-	-	-	-	-	-
NMeat	1007	52	-	-	-	-	-	-	1623	44

Maximum possible, optionally available connected load: 38 W.

According to IEC 62722-1 the given rated values of the total Luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with MFL reflector, in the case of the WFL/VWFL reflectors the values can deviate +/- 5%. The photometric values are standard values and refer to the entire luminaire. This is an example of a system design. There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Linear systems

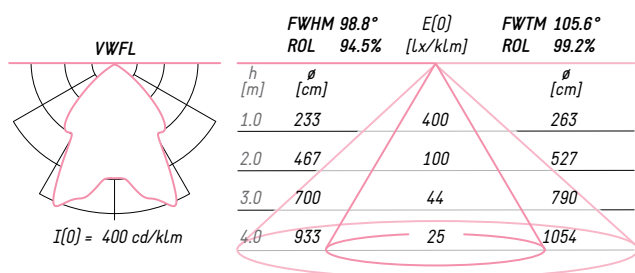
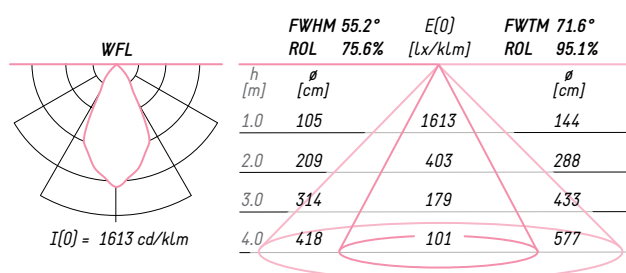
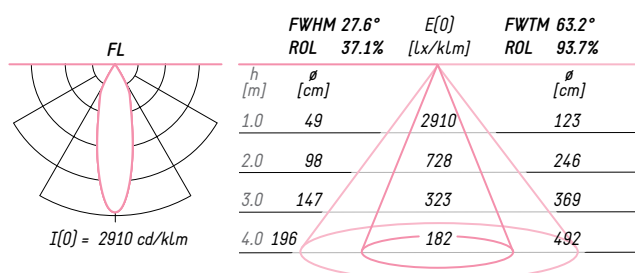
CRI Light colour	Power Level									
	21W		38W		55W		66W		75W	
	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]	Luminous flux luminaire [lm]	System Efficiency [lm/W]
830	2300	144	4142	139	5956	131	7944	120	8648	116
840	2392	150	4306	144	6196	136	8266	125	9000	121
927	2178	115	4046	108	6032	98	-	-	6896	93
N27	2252	86	4158	76	0	-	-	-	5304	70
930	2260	119	4202	112	5946	103	-	-	7158	96
940	2294	119	4132	108	6096	96	-	-	6946	90
Brilliant (930=Best color/ Best White)	2260	119	4202	112	5946	103	-	-	7158	96
Meat	-	-	-	-	-	-	-	-	-	-
NMeat	2014	52	-	-	-	-	-	-	3246	44

### Photometric data double module

Maximum possible, optionally available connected load: 75 W.

According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with MFL reflector, in the case of the WFL/VWFL reflectors the values can deviate +/- 5%. The photometric values are standard values and refer to the entire luminaire. This is an example of a system design. There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.



### Photometric information

Information	Values
Connection data	220 V, 50/60 Hz (110-277 V on request)
Weight	approx. 1.0 kg [single module], approx. 1.5 kg [double modules]
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	34
Protection class	1
Type of protection	IP20
Certification mark	EAC
Product	Option
Accessories	Fitting frame
Optional accessories	Blank panel



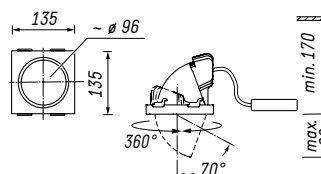
# Lightstripe LPR



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Function panel (single module) with spotlight, tilting and turning (360°/70°)
- Fitting of the function panel in the frame without the use of tools
- Floor and wall mounting not permitted
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI or INspire lighting control system on request (INspire lighting control not for use in metal ceilings)
- Colours: white, anthracite



	Power Level							
	15W		19W		23W		29W	
	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency
CRI Light colour	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]	[lm]	[lm/W]
830	1949	131	2380	126	2788	122	3363	116
840	2047	137	2498	132	2927	128	3531	122
927	1588	107	1938	103	2270	100	2739	94
N27	-	-	-	-	-	-	-	-
930	1670	112	2038	108	2388	105	2881	99
940	1755	118	2142	113	2510	110	3028	104
Brilliant (930=Best color/ Best White)	1600	107	1951	104	2278	100	2727	94
Meat	-	-	-	-	-	-	-	-
NMeat	-	-	-	-	-	-	-	-

Photometric data

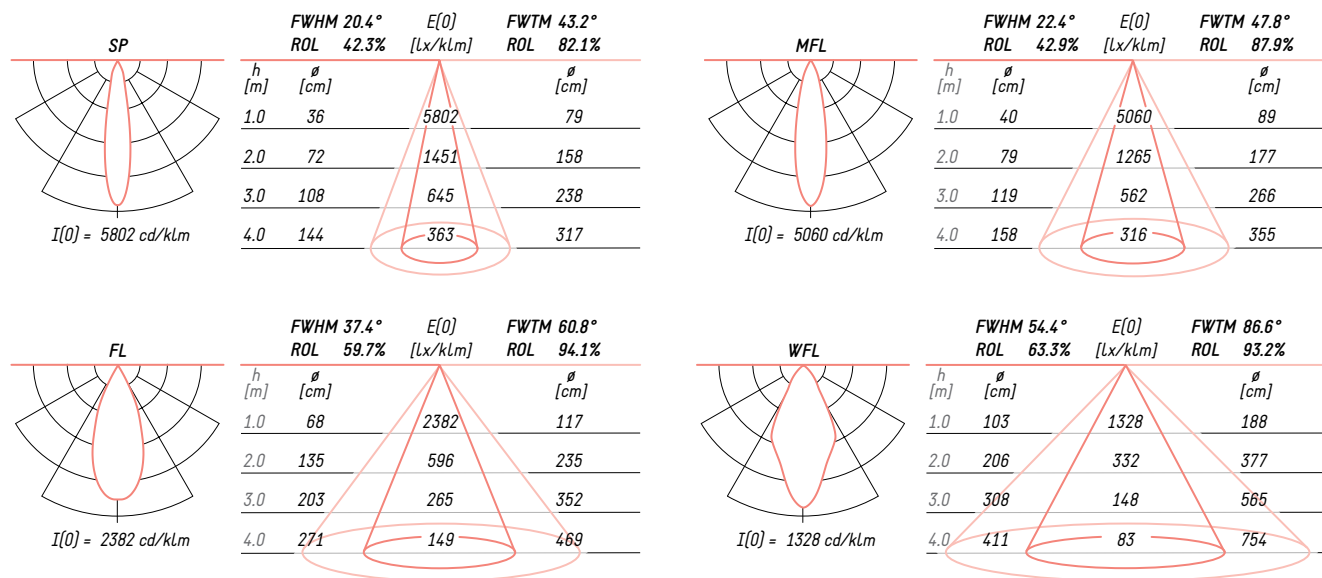
Maximum possible, optionally available connected load: 29 W.

According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The values apply to the luminaire with MFL reflector, in the case of the SP/FL/WFL reflectors the values can deviate +/- 5%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design. There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

## Linear systems Lightstripe LPR



### Photometric information

Information	Values
Connection data	220 V, 50/60 Hz (110-277 V on request)
Weight	approx. 0.85 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	25
Protection class	1
Type of protection	IP20
Certification mark	in preparation

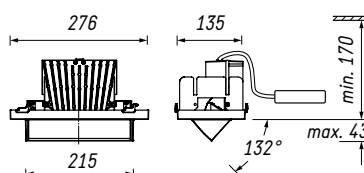
# Lightstripe LWL



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Function panel (double module) with wallwasher (tilt angle  $\sim 132^\circ$ )
- Fitting of the function panel in the frame without the use of tools
- Floor and wall mounting not permitted
- With integral reflector WW
- Supply unit included
- Connection to power supply by Wieland plug GST18i3; wire length  $l = 0.5$  m
- DALI or INspire lighting control system on request (INspire lighting control not for use in metal ceilings)
- Colours: white, anthracite



		Power Level			
		26W		34W	
CRI	Light colour	Luminous flux luminaire	System Efficiency	Luminous flux luminaire	System Efficiency
		[lm]	[lm/W]	[lm]	[lm/W]
	830	3925	150	4885	143
	840	4133	158	5144	150
	927	3198	122	3980	116
	N27	-	-	-	-
	930	3378	129	4205	123
	940	3541	135	4407	129
	Brilliant (930-Best color/ Best White)	3209	122	3966	116
	Meat	-	-	-	-
	NMeat	-	-	-	-

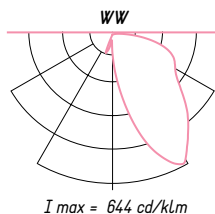
**Photometric data**

Maximum possible, optionally available connected load: 38 W.

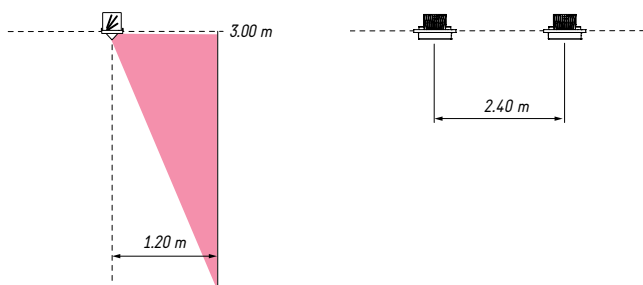
According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design. There are further possible ways to equip the luminaire - for these optional versions please contact [info@ansorg.de](mailto:info@ansorg.de).

## Linear systems Lightstripe LWL



### Planning information



### Photometric information

Information	Values
Connection data	220 V, 50/60 Hz (110-277 V on request)
Weight	approx. 1.3 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, $T_a$ 25 °C
Failure rate	C0/B10 = 50.000h, $T_a$ 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	34
Protection class	1
Type of protection	IP20
Certification mark	EAC

# Lightstripe LLS fitting frame

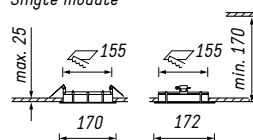


100% recyclable,  
no composites,  
easy separation.

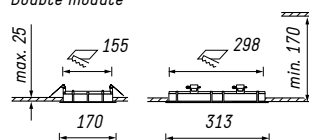


- Fitting frame system with specified modules (1 to 3 modules)
- Tool-less ceiling mounting
- Floor and wall mounting not permitted
- Fitting of the various function panels without the use of tools, combining fixtures as desired
- Colours: white, anthracite

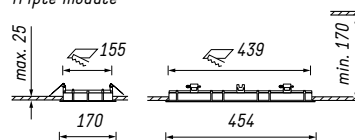
Single module



Double module



Triple module



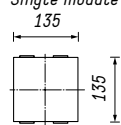
<b>Informations</b>	<i>Information</i>	<i>Values</i>
		<i>Weight</i>

# Lightstripe LLS blank panel

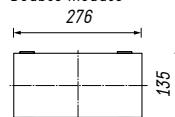


- Blank panel (1 or 2 modules)
- Tool-less ceiling mounting. Floor and wall mounting not permitted
- Fitting of the function panel without the use of tools
- Colours: white, anthracite

Single module



Double module



<b>Informations</b>	<i>Information</i>	<i>Values</i>
		<i>Weight</i>

*Linear systems*

# Shyn





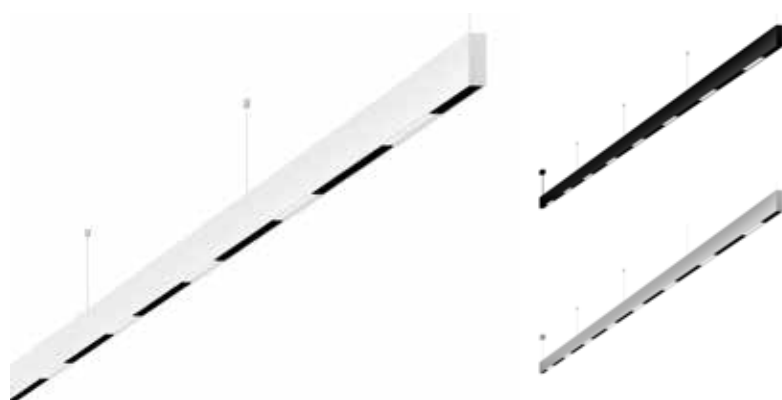
- Reduced design: ideal as a suspended luminaire or linear system
- Recessed reflector systems ensure perfect glare control and high visual comfort
- Brilliant illumination without any apparent light source



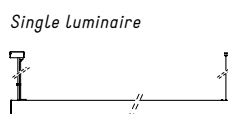
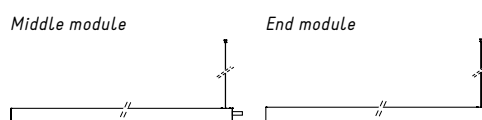
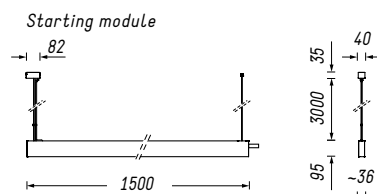
# Shyn SZL



100% recyclable,  
no composites,  
easy separation.

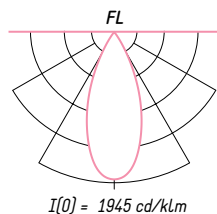


- Lighting technology LED
- Suspended lighting system consisting of starting, middle and end modules, also available as a single luminaire
- Floor and wall mounting not permitted
- 2 optics with 12 LEDs per module
- Beam angle characteristic of the optics FL
- Steel rope suspensions and connection cable max. 3 m
- Quick and easy mounting
- Supply unit included
- Two versions: Standard or with DALI lighting control
- Colours: white, anthracite; lower cover always in deep black

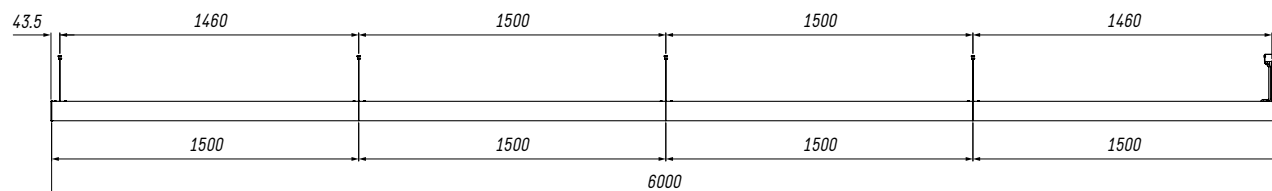


		Power Level	
		38W	
Photometric data	CRI	Luminous flux Luminaire	System Efficiency
	Light colour	[lm]	[lm/W]
	930	3480	92
940	3720	98	

Maximum possible, optionally available connected load: 38 W.  
 According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.  
 The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.  
 There are further possible ways to equip the luminaire - for these optional versions please contact [info@ansorg.de](mailto:info@ansorg.de).



## Planing information



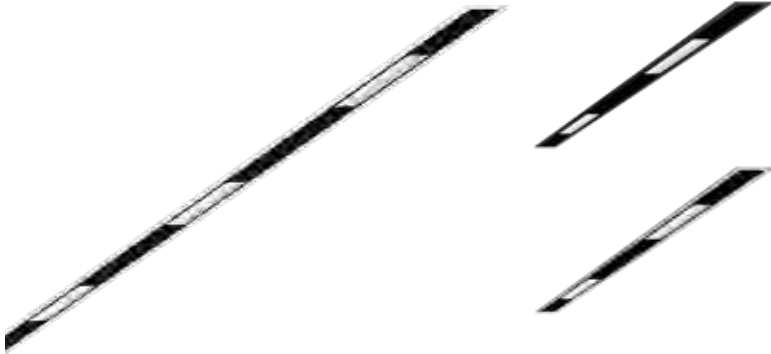
## Photometric information

Information	Values
Connection data	220 V, 50/60 Hz (110-277 V on request)
Weight	approx. 3.5 kg per module
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	15
Protection class	1
Type of protection	IP20
Certification mark	EAC

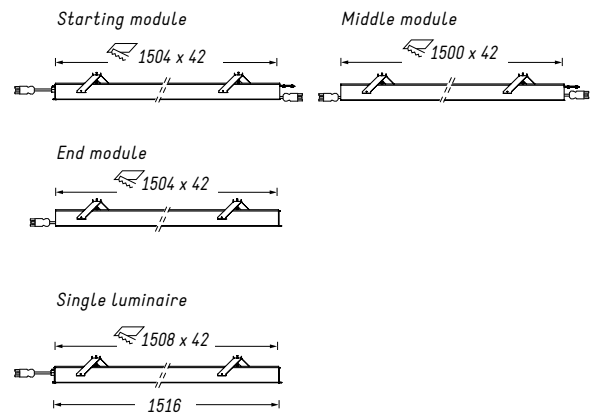
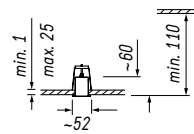
# Shyn SZR



100% recyclable,  
no composites,  
easy separation.

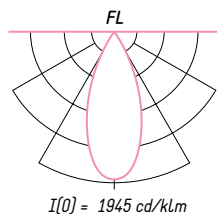


- Lighting technology LED
- Lighting system consisting of starting, middle and end modules, also available as a single luminaire
- Floor and wall mounting not permitted
- 2 optics with 12 LEDs per module
- Beam angle characteristic FL
- Quick and easy mounting
- Supply unit included
- Connection to power supply by Wieland plug GST1 8i3; wire length  $l = 0.7 \text{ m}$
- Electrical connection of the modules via Wieland plug/socket GST1 8i3
- DALI lighting control system on request
- Colours: white, anthracite; lower cover always in deep black

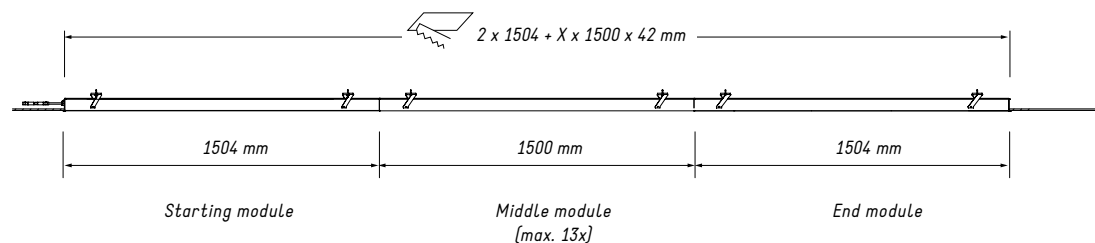


		Power Level	
		38W	
Photometric data	CRI	Luminous flux Luminaire	System Efficiency
	Light colour	[lm]	[lm/W]
	930	3480	92
940	3720	98	

Maximum possible, optionally available connected load: 38 W.  
 According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.  
 The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.  
 There are further possible ways to equip the luminaire - for these optional versions please contact [info@ansorg.de](mailto:info@ansorg.de).



## Planing information



## Photometric information

Information	Values
Connection data	220 V, 50/60 Hz (110-277 V on request)
Weight	approx. .35 kg per module
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	15
Protection class	1
Type of protection	IP20
Certification mark	EAC

*Linear systems*

# Simplex



- Fast and cost-efficient installation
- Excellent flexibility for fast, in-store module replacement
- SVarious reflector systems for application-oriented lighting and optimum glare control

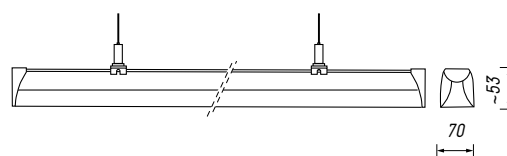
# Simplex SHL



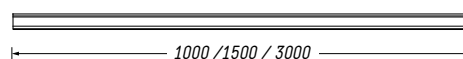
100% recyclable,  
no composites,  
easy separation.



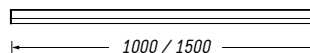
- Lighting technology LED
- Suspended trunking system consisting of trunking units, lighting units and spotlight units
- Floor and wall mounting not permitted
- Trunking units in three lengths (1 m/1.5 m/3 m)
- Lighting units in two lengths (1 m or 1.5 m) with different light distributions
- Spotlight unit in two versions (Simplex SIM or Simplex SNM)
- Quick and easy mounting
- Electrical contacting every 500 mm possible
- Supply unit included
- Standard version or DALI
- Emergency light 3h on request
- Colours: white (RAL 9016), black (RAL 9017)



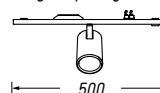
Lengths trunking unit



Lengths Lighting units



Length spotlight unit SIM or SNM



## Photometric data

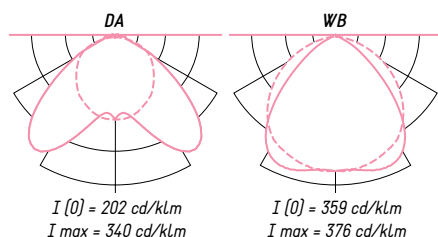
Length	CRI Light colour	Luminous flux Luminaire	Power level	System Efficiency
1000 mm	830	4000 lm	25 W	160 lm/W
	840			
1500 mm	830	5600 lm	35 W	
	840			

Maximum possible, optionally available connected load: 35 W.

According to IEC 6722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%.

The photometric values are standard values and refer to the entire luminaire. This is an example of a system design.

There are further possible ways to equip the luminaire - for these optional versions please contact [info@ansorg.de](mailto:info@ansorg.de).



## Photometric information







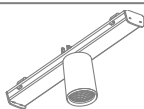
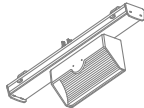
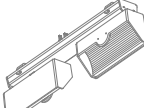
Information	Values
Connection data	220-240 V, 50/60 Hz
Weights	Trunking unit 1.0 m = approx. 1.2 kg 1.5 m = approx. 1.8 kg 3.0 m = approx. 3.6 kg
	Lighting unit 1.0 m = approx. 1.1 kg 1.5 m = approx. 1.6 kg
Spotlight unit	Simplex SIM Single module = approx. 1.0 kg Double module = approx. 1.6 kg
	Simplex SNM Single module = approx. 1.2 kg Double module = approx. 2.0 kg
Optics / Light distribution	WB = Wide beam 90° / DA = double asymmetric
Distance between electrical contacts	3 pitches per 1.5 m
Through-wiring	8 x 2.5 mm <sup>2</sup>
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	15
Protection class	1
Type of protection	IP20
Certification mark	in preparation



# Simpless SHL accessories



100% recyclable,  
no composites,  
easy separation.

Product		Color	Article no
Surface mounting		uncoated	06SHL0023
Mounting clip with 13 mm diameter		uncoated	06SHL0024
Suspension cord; l = 3 m		uncoated	06SHL0020
Suspension rod; l = 1 m		uncoated	06SHL0022
Suspension chain; l = 3 m		uncoated	06SHL0021
End caps (1 pair) for cover optics lens Luminaires		white	06SHL0008-061
		black	06SHL0008-118
8 cables feed in connectors			06SHL0027
L shape node connector		white	06SHL0028-061
		black	06SHL0028-118
T shape node connector		white	06SHL0030-061
		black	06SHL0030-118
Cross connector		white	06SHL0032-061
		black	06SHL0032-118
Blanc cover; l = 1.5 m		white	06SHL0009-061
		black	06SHL0009-118
Spotlight unit Simpless SIM; l = 0.5 m		white black	06SIM.....-
Sp...; l = 0.5 m		white black	06SNM.....-
		white black	

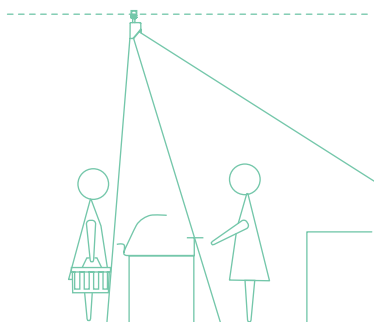
**Optional accessories**

**under development**

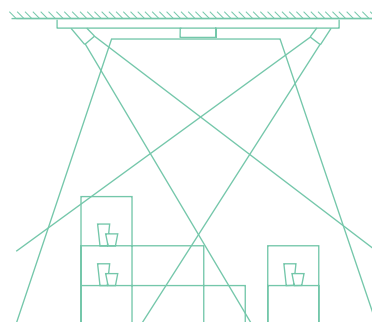


# Special Solutions

*Counter Light*  
146



*Lightfall*  
150



*Special Solutions*

# Counter Light



- Service personnel are a high street retailer's USP
- Counter Light ensures the empathetic illumination of store personnel
- Shadow-free faces, bright eyes and clearly visible facial gestures
- Ideal as a retrofit option

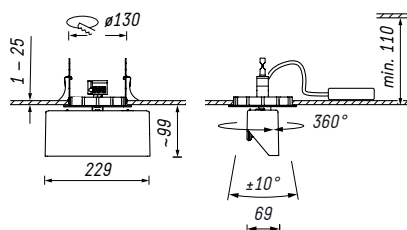
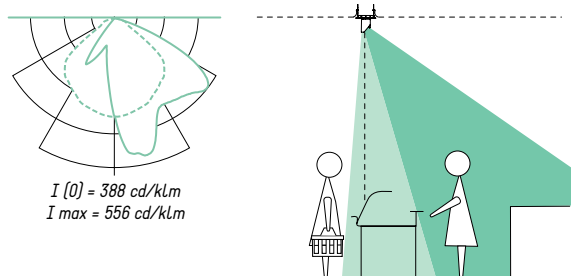
# Counter Light NMR



100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Tool-less ceiling mounting
- Floor and wall mounting not permitted
- Turning and tilting (360°/±10°)
- Including reflector especially for illumination of persons
- Light colour N27
- Max. power level 10 W
- Supply unit included
- Connection to power supply by Wieland plug GST1 8i3; wire length l = 0.5 m
- DALI or INspire lighting control system on request (INspire lighting control not for use in metal ceilings)
- Colours: white, anthracite, silver



## Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 1.1 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	34
Protection class	1
Type of protection	IP20
Certification mark	in preparation

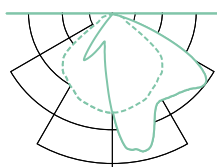
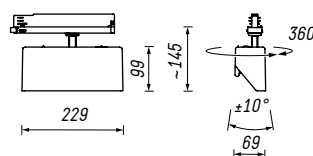
# Counter Light NMT



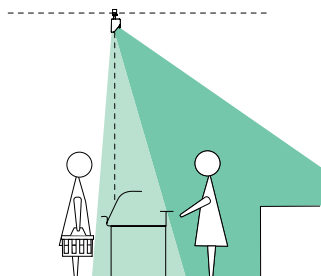
100% recyclable,  
no composites,  
easy separation.



- Lighting technology LED
- Tool-less mounting with track adapter for three-circuit track (Global, Eutrac or Stucchi)
- Floor and wall mounting not permitted
- Turning and tilting (360°/±10°)
- Including reflector especially for illumination of persons
- Supply unit included
- Light colour N27
- Max. power level 10 W
- DALI lighting control system on request (not possible with Eutrac circuit track)
- Colours: white, anthracite, silver



$I(0) = 388 \text{ cd/klm}$   
 $I_{max} = 556 \text{ cd/klm}$



## Photometric information

Information	Values
Connection data	220-240 V, 50/60 Hz (110-277 V on request)
Weight	approx. 0.8 kg
Colour tolerance	3SDCM (MacAdam)
Maintenance of luminous flux	L80/B10 = 50.000h, Ta 25 °C
Failure rate	C0/B10 = 50.000h, Ta 25 °C
Photobiological safety	RG1
Number per circuit breaker B 16A	50
Protection class	2
Type of protection	IP20
Certification mark	EAC



*Special Solutions*

# Lightfall





- No-adjustment window display lighting; compact and low-maintenance
- Brilliant product illumination, even when visual merchandising concepts are frequently changed
- Modular design suitable for all standard-dimension shop windows

# Lightfall LFS

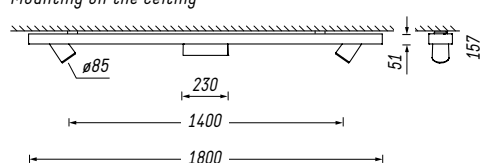


100% recyclable,  
no composites,  
easy separation.

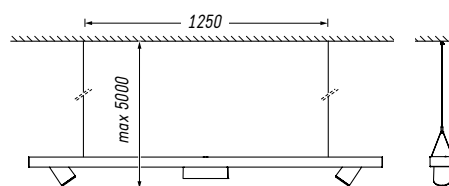


- Lighting technology LED
- Light profile in three versions: for direct ceiling mounting, pendant mounting by means of wire suspension or with adapter for 3-circuit track
- With two 35° pre-tilted spotlights and one pre-tilted Wallwasher
- Floor and wall mounting not permitted
- Beam angle characteristics: spotlight incl. diffusing lens: SP oval Wallwasher WW
- Quick and easy mounting
- Supply units included
- DALI or INspire lighting control system on request
- Colours: white, anthracite, silver

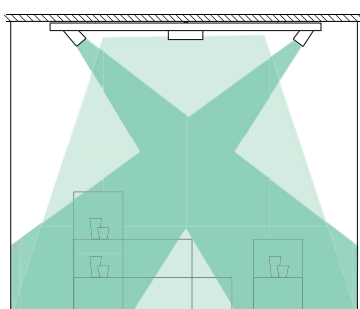
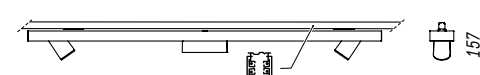
Mounting on the ceiling



Suspended via steel cables



Attachment to 3-circuit track



Photometric data	CRI	Luminous flux system	$P_{system}$	System Efficiency
	Light colour			
	Brilliant (930=Best color/Best White)	9750 lm	105 W	93 lm/W

According to IEC 62722-1 the given rated values of the total luminous flux and of the electric power must not deviate by more than 10%. The photometric values are standard values and refer to the entire luminaire. This is an example of a system design. There are further possible ways to equip the luminaire - for these optional versions please contact info@ansorg.de.

	<b>Information</b>	<b>Values</b>
<b>Photometric information</b>	Connection data	220-240 V, 50/60 Hz (110-277 V on request)
	Weight	approx. 6.0 kg
	Colour tolerance	3SDCM (MacAdam)
	Maintenance of luminous flux	L80/B10 = 50,000h, Ta 25 °C
	Failure rate	C0/B10 = 50,000h, Ta 25 °C
	Photobiological safety	RG1
	Number per circuit breaker B 16A	11
	Protection class	1
	Type of protection	IP20
	Certification mark	in preparation
<b>Accessories</b>	<b>Product</b>	<b>Option</b>
		Pendulum cable
	Mounting set	Ceiling mounting set
		Rail attachment

# Accessories





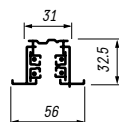
100% recyclable,  
no composites,  
easy separation.

# Tracks

Three-circuit surface mounted track



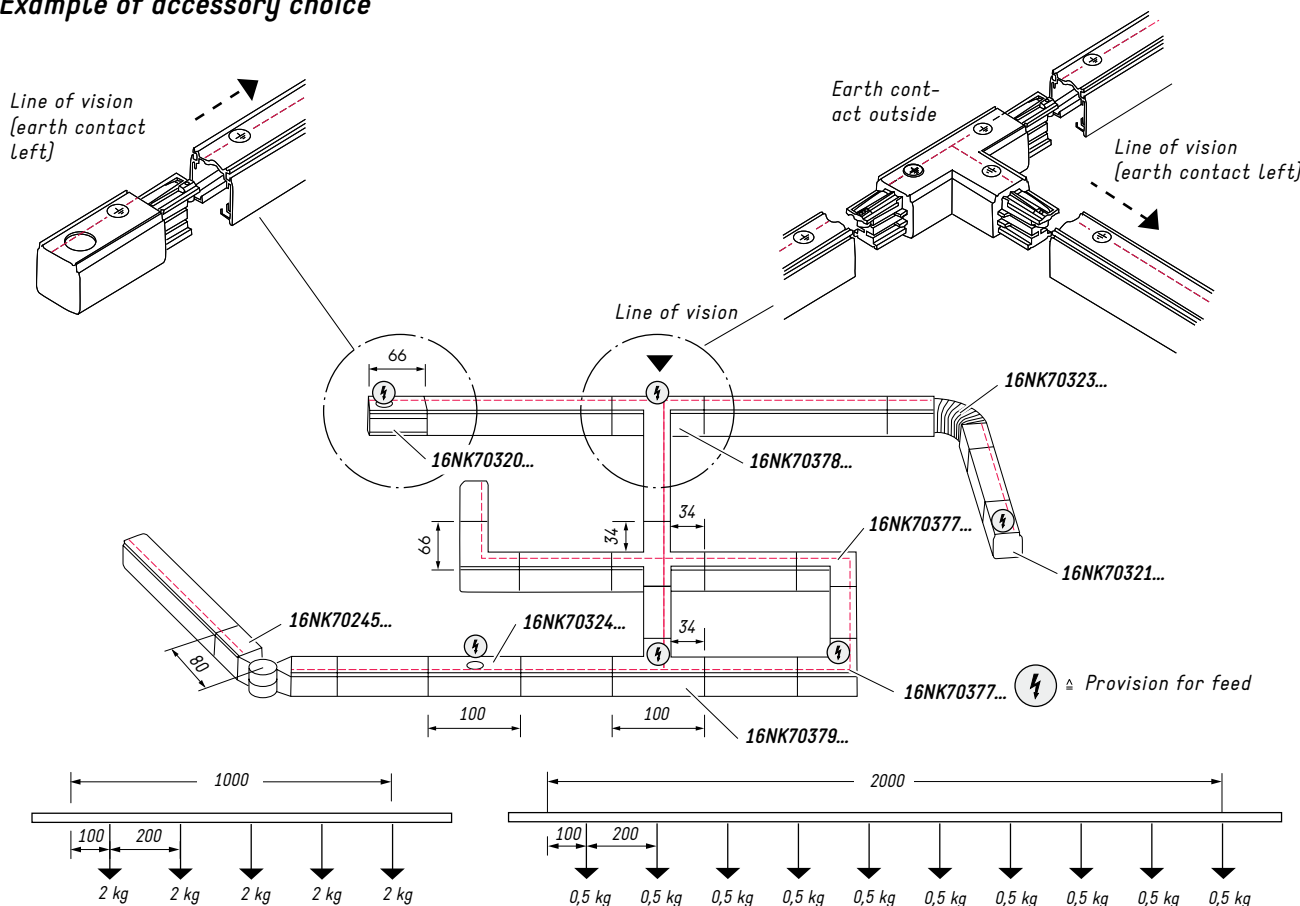
Three-circuit recessed mounted track



Lenghts	Colour	Article numbers
l = 1000mm	white	16NK70391002
	black	16NK70391003
	silver	16NK70391004
l = 2000mm	white	16NK70392002
	black	16NK70392003
	silver	16NK70392004
l = 3000mm	white	16NK70393002
	black	16NK70393003
	silver	16NK70393004
l = 4000mm	white	16NK70395002
	black	16NK70395003
	silver	16NK70395004
l = 1000mm	white	16NK70404002
	black	16NK70404003
	silver	16NK70404004
l = 2000mm	white	16NK70405002
	black	16NK70405003
	silver	16NK70405004
l = 3000mm	white	16NK70406002
	black	16NK70406003
	silver	16NK70406004
l = 4000mm	white	16NK70407002
	black	16NK70407003
	silver	16NK70407004

## Tracks

### Example of accessory choice

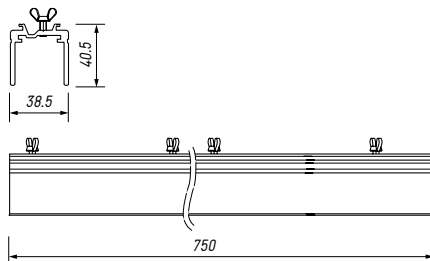


# Tracks

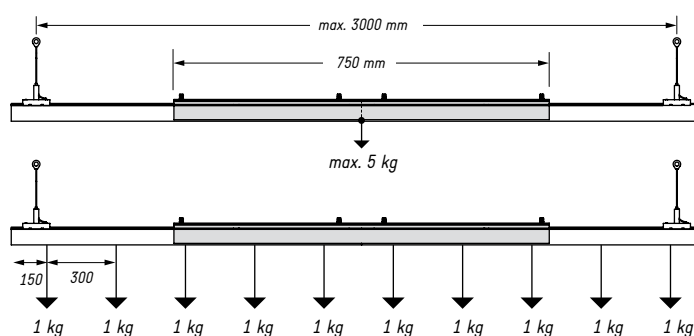


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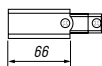
Colour	Article numbers
white	16NK1003-001
black	16NK1003-002
silver	16NK1003-410



## Track stabilizer

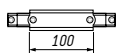


Feed piece

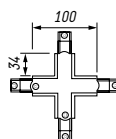


Earth contact left	white	16NK70320002
	black	16NK70320003
	silver	16NK70320004
Earth contact right	white	16NK70321002
	black	16NK70321003
	silver	16NK70321004

Straight connector with provision for feed



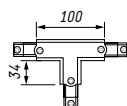
Cross connector with provision for feed



Straight connector with provision for feed	white	16NK70324002
	black	16NK70324003
	silver	16NK70324004
Cross connector with provision for feed	white	16NK70380002
	black	16NK70380003
	silver	16NK70380004

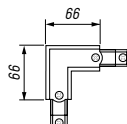
## Feeding

T-connector with provision for feed



Earth contact left outside	white	16NK70378002
	black	16NK70378003
	silver	16NK70378004
Earth contact left inside	white	16NK70246002
	black	16NK70246003
	silver	16NK70246004
Earth contact right outside	white	16NK70379002
	black	16NK70379003
	silver	16NK70379004
Earth contact right inside	white	16NK70247002
	black	16NK70247003
	silver	16NK70247004

Corner connector with provisio



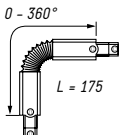
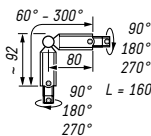


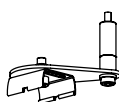

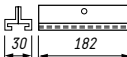



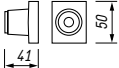

Earth contact outside	white	16NK70377002
	black	16NK70377003
	silver	16NK70377004
Earth contact inside	white	16NK70376002
	black	16NK70376003
	silver	16NK70376004





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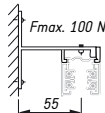

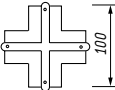


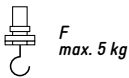
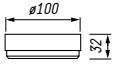
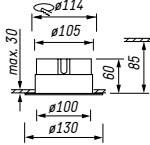


# Tracks

		Lenghts	Colour	Article numbers
<b>Connectors</b>	Flexible connector 		white	16NK70323002
			black	16NK70323003
			silver	16NK70323004
Binted connector 			white	16NK70245002
			black	16NK70245003
			silver	16NK70245004
Straight connector 			white	16NK70330002
			black	16NK70330003
			silver	16NK70330004
for surface and suspended mounting	Universal fixing piece 		white	16NK70594002
			black	16NK70594003
			silver	16NK70594004
Track balancer 			white	16NK0006-401
			black	16NK0006-402
			silver	16NK0006-410
Wire suspension with quick clamp, completely mounted 	<i>l</i> = 3500mm	bare	16NK0001	
	<i>l</i> = 5000mm	bare	16NK0002	
Suspension clip Long 			white	16NK70354002
			black	16NK70354003
			silver	16NK70354004
Suspension clip short 			white	16NK70351002
			black	16NK70351003
			silver	16NK70351004
Fixing piece	Wire suspension with mini-canopy 	<i>l</i> = 1500mm	white	16NK70505002
			black	16NK70505003
	Threaded rod suspension with mini-canopy 	<i>l</i> = 3000mm	white	16NK70525002
			black	16NK70525003
	Fixing piece 	<i>l</i> = 5000mm	white	16NK70545002
			black	16NK70545003
Rod extension 	<i>l</i> = 1000mm	white	16NK70506002	
		black	16NK70506003	



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
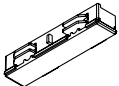

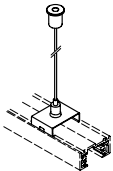
# Tracks

			Colour	Article numbers
<b>Fixing piece</b>	for surface mounting	Mounting clip for T-profile 	white	16NK70355002
			black	16NK70355003
			silver	16NK70355004
	for wall mounting	Wall mounted bracket 	silver	16NK70352004
<b>Further accessories</b>	Cover for feed piece and connector for recessed track 		white	16NK70248002
			black	16NK70248003
			silver	16NK70248004
	Cover piece for corner, cross and T-connector for recessed track 		white	16NK70249002
			black	16NK70249003
			silver	16NK70249004
	Dead end 		white	16NK70337002
			black	16NK70337003
			silver	16NK70337004
	Spanner 			16NK70348
Hook 		white	16NK70384002	
		black	16NK70384003	
Ceiling jack for adapter 		white	16NK70319002	
		black	16NK70319003	
		silver	16NK70319004	
Recessed ceiling jack 		white	16NK70360002	
		black	16NK70360003	
Multi adapter 		white	16NK70318002	
		black	16NK70318003	
Multi adapter with plug socket, single circuit 		white	16NK70316	

# 48 V



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		<i>Lenghts</i>	<i>Colour</i>	<i>Article numbers</i>	
<b>48V-Track</b>	<i>surface-mounted</i>	<i>l = 2000mm</i>	<i>white</i>	<b>16ET55624102-6</b>	
			<i>black</i>	<b>16ET55624102-2</b>	
			<i>silver</i>	<b>16ET55624102-3</b>	
		<i>l = 3000mm</i>	<i>white</i>	<b>16ET55624103-6</b>	
			<i>black</i>	<b>16ET55624103-2</b>	
			<i>silver</i>	<b>16ET55624103-3</b>	
<b>Feed piece</b>		<i>right</i>	<i>white</i>	<b>16ETY55624201-6</b>	
			<i>black</i>	<b>16ETY55624201-2</b>	
			<i>grey</i>	<b>16ETY55624201-3</b>	
		<i>left</i>	<i>white</i>	<b>16ETY55624202-6</b>	
			<i>black</i>	<b>16ETY55624202-2</b>	
			<i>grey</i>	<b>16ETY55624202-8</b>	
<b>Connector</b>			<i>white</i>	<b>16ET55624206-6</b>	
			<i>black</i>	<b>16ET55624206-2</b>	
			<i>grey</i>	<b>16ET55624206-8</b>	
<b>End cap</b>			<i>white</i>	<b>16ET55604217-6</b>	
			<i>black</i>	<b>16ET55604117-2</b>	
			<i>grey</i>	<b>16ET55604217-8</b>	
<b>Suspension</b>				<b>17AH0001</b>	
<b>Operating device</b>				<i>prim. 220-240V, 50/60Hz, sec. 48V DC/75W</i>	<b>27VL7205</b>
				<i>prim. 220-240V, 50/60Hz, sec. 48V DC/150W</i>	<b>27VL7206</b>

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