

### TECHNICAL DATA

Power	27 - 29 W
Operating voltage	230 V AC, 50 Hz
Luminaire Type	Recessed mounted luminaire
LED Type	COB
Control	Bluetooth
Luminous flux class	3000 lm
Light efficiency	up to 123 lm/W
Colour consistency	SDCM3
Lifetime	L80 B10 50.000 h @ 25°C *
Housing	Aluminium
Cooling	Passive
Rotation / swing angle	355° / 90°
Warranty	5 Years



Further information on the control gear can be found in the operating instructions belonging to this product.

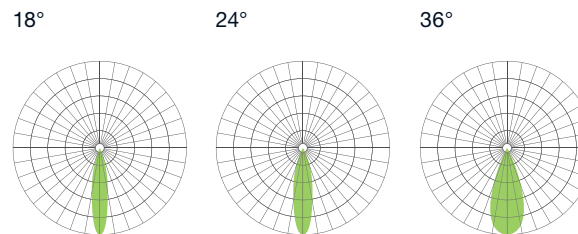
### TYPES



white

black

### BEAM ANGLE

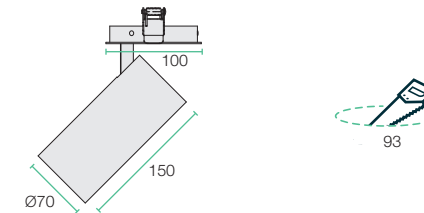


18°

24°

36°

### DIMENSIONS (mm)

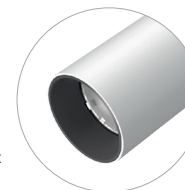


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### ACCESSORIES

item	item number
anti-glare-ring black	4560056

When using the black anti-glare-ring, the uniform glare rating (UGR) improves while the luminous flux is reduced by 4%.



## ARTICLE OVERVIEW

Item number	Power	Colour temperature	Light colour Ledxon	CRI	Luminous flux	Beam angle	Housing colour
8102947	27 W	2700 K	2700 K	92	2775 lm	18°	black
8102948	27 W	2700 K	2700 K	92	2775 lm	18°	white
8102949	27 W	2700 K	2700 K	92	2840 lm	24°	black
8102950	27 W	2700 K	2700 K	92	2840 lm	24°	white
8102951	27 W	2700 K	2700 K	92	2905 lm	36°	black
8102952	27 W	2700 K	2700 K	92	2905 lm	36°	white
8102953	27 W	3000 K	3000 K	92	2947 lm	18°	black
8102954	27 W	3000 K	3000 K	92	2947 lm	18°	white
8102955	27 W	3000 K	3000 K	92	3016 lm	24°	black
8102956	27 W	3000 K	3000 K	92	3016 lm	24°	white
8102957	27 W	3000 K	3000 K	92	3085 lm	36°	black
8102958	27 W	3000 K	3000 K	92	3085 lm	36°	white
8102959	27 W	3500 K	3500 K	92	3054 lm	18°	black
8102960	27 W	3500 K	3500 K	92	3054 lm	18°	white
8102961	27 W	3500 K	3500 K	92	3126 lm	24°	black
8102962	27 W	3500 K	3500 K	92	3126 lm	24°	white
8102963	27 W	3500 K	3500 K	92	3198 lm	36°	black
8102964	27 W	3500 K	3500 K	92	3198 lm	36°	white
8102965	27 W	4000 K	4000 K	92	3183 lm	18°	black
8102966	27 W	4000 K	4000 K	92	3183 lm	18°	white

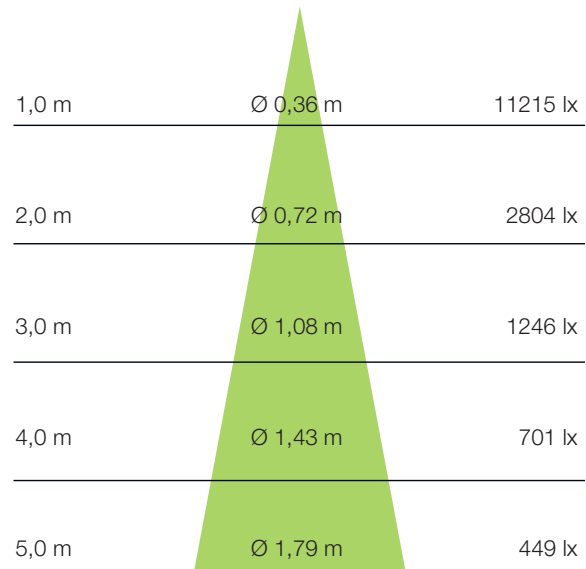
## ARTICLE OVERVIEW

Item number	Power	Colour temperature	Light colour Ledxon	CRI	Luminous flux	Beam angle	Housing colour
8102967	27 W	4000 K	4000 K	92	3258 lm	24°	black
8102968	27 W	4000 K	4000 K	92	3258 lm	24°	white
8102969	27 W	4000 K	4000 K	92	3333 lm	36°	black
8102970	27 W	4000 K	4000 K	92	3333 lm	36°	white
8102971	27 W	5700 K	5700 K	92	3162 lm	18°	black
8102972	27 W	5700 K	5700 K	92	3162 lm	18°	white
8102973	27 W	5700 K	5700 K	92	3236 lm	24°	black
8102974	27 W	5700 K	5700 K	92	3236 lm	24°	white
8102975	27 W	5700 K	5700 K	92	3311 lm	36°	black
8102976	27 W	5700 K	5700 K	92	3311 lm	36°	white
8102977	27 W	3000 K	Brilliance 3000 K	97	2581 lm	18°	black
8102978	27 W	3000 K	Brilliance 3000 K	97	2581 lm	18°	white
8102979	27 W	3000 K	Brilliance 3000 K	97	2642 lm	24°	black
8102980	27 W	3000 K	Brilliance 3000 K	97	2642 lm	24°	white
8102981	27 W	3000 K	Brilliance 3000 K	97	2703 lm	36°	black
8102982	27 W	3000 K	Brilliance 3000 K	97	2703 lm	36°	white
8102983	27 W	4000 K	Brilliance 4000 K	97	2753 lm	18°	black
8102984	27 W	4000 K	Brilliance 4000 K	97	2753 lm	18°	white
8102985	27 W	4000 K	Brilliance 4000 K	97	2818 lm	24°	black
8102986	27 W	4000 K	Brilliance 4000 K	97	2818 lm	24°	white

## ARTICLE OVERVIEW

Item number	Power	Colour temperature	Light colour Ledxon	CRI	Luminous flux	Beam angle	Housing colour
8102987	27 W	4000 K	Brilliance 4000 K	97	2883 lm	36°	black
8102988	27 W	4000 K	Brilliance 4000 K	97	2883 lm	36°	white
8102989	29 W		Fresh meat		1479 lm	18°	black
8102990	29 W		Fresh meat		1479 lm	18°	white
8102991	29 W		Fresh meat		1514 lm	24°	black
8102992	29 W		Fresh meat		1514 lm	24°	white
8102993	29 W		Fresh meat		1549 lm	36°	black
8102994	29 W		Fresh meat		1549 lm	36°	white
8102995	27 W	2700 K	Cheese & pastry	92	2775 lm	18°	black
8102996	27 W	2700 K	Cheese & pastry	92	2775 lm	18°	white
8102997	27 W	2700 K	Cheese & pastry	92	2840 lm	24°	black
8102998	27 W	2700 K	Cheese & pastry	92	2840 lm	24°	white
8102999	27 W	2700 K	Cheese & pastry	92	2905 lm	36°	black
8103000	27 W	2700 K	Cheese & pastry	92	2905 lm	36°	white
8103001	27 W	3000 K	Fruit & vegetable	97	2581 lm	18°	black
8103002	27 W	3000 K	Fruit & vegetable	97	2581 lm	18°	white
8103003	27 W	3000 K	Fruit & vegetable	97	2642 lm	24°	black
8103004	27 W	3000 K	Fruit & vegetable	97	2642 lm	24°	white
8103005	27 W	3000 K	Fruit & vegetable	97	2703 lm	36°	black
8103006	27 W	3000 K	Fruit & vegetable	97	2703 lm	36°	white

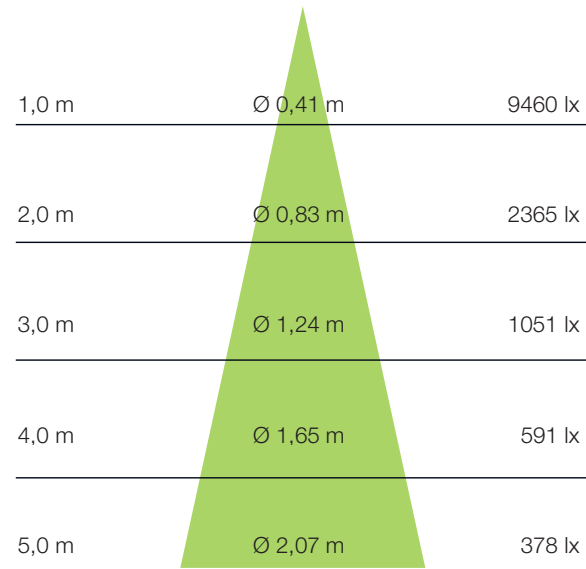
### BEAM ANGLE 18°



h (m)                      Ø (m)                      E0° (lx)

Values valid for 4.000 K / Ra 90

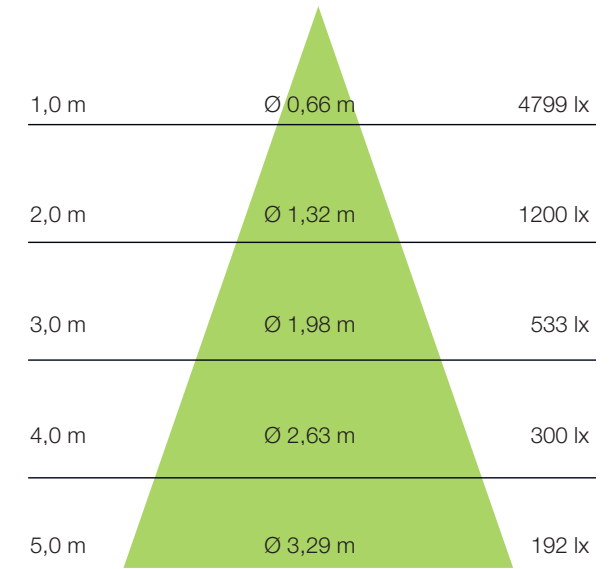
### BEAM ANGLE 24°



h (m)                      Ø (m)                      E0° (lx)

Values valid for 4.000 K / Ra 90

### BEAM ANGLE 36°



h (m)                      Ø (m)                      E0° (lx)

Values valid for 4.000 K / Ra 90

**IMPORTANT NOTES**

All technical parameters apply to the entire product. Due to the complex manufacturing process of light emitting diodes, the specified typical LED parameters are only purely statistical values and may deviate.

The specified type of use must be strictly adhered to. Deviations may affect the stability of the fixture. Please observe the information in the mounting instructions before using the products.

<b>Mercury content</b>	0,0 mg
<b>Mercury-free</b>	yes
<b>Professional disposal according to WEEE</b>	yes

**NOTES TO THE LIFE TIME**

Decisive factors for the life time are the ambient temperature and the operating temperature (Tc). Exceeding the permissible limits results in a substantial reduction of the life time and can even lead to the destruction of the products. The specified life time represents a statistical quantity.

**NOTES TO ELECTRICAL AND PHOTOMETRIC DATA**

Colour coordinates according to CIE 1931

Rated ambient temperature:  $t_a = 25^\circ$

Measuring tolerance colour coordinates (x/y) +/- 0,005

Tolerance range of electrical / photometric data: +/- 10%

**DISCLAIMER**

Changes and errors excepted. Due to the continuous development of all products, technical and design changes can occur at any time. Make sure that you always use the latest version of the data sheet.

**WARRANTY NOTES**

Please refer to our warranty conditions on:

<https://www.ledxon.de/en/guarantee/>

**Further product data as well as current information can be found at [www.ledxon.com](http://www.ledxon.com)**