

cor light ...

LS15 modular

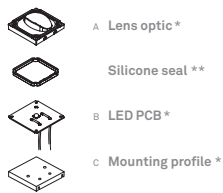


Street lighting unit

Optimized for the S-classes of street lighting in accordance with EN13201; small streets like pedestrian and bike ways.

- Typical ratio of 9 for pole distance to mounting height
- Typical ratio of 0.75 for length of the illuminated field forward to mounting height
- Numerous options for attaching and configuring
- Power rating up to 600 mA, dimmable
- Highest system efficiency
- Sustainable and future-oriented
- Multichip technology
- ESD-protection
- CRI 70 min

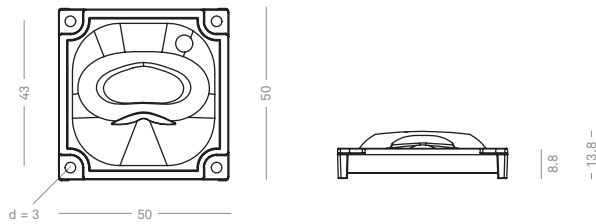
Lighting unit structure



* Specific article number ** inclusive

A Lens optic

→ Article no. 3 03 0021 01



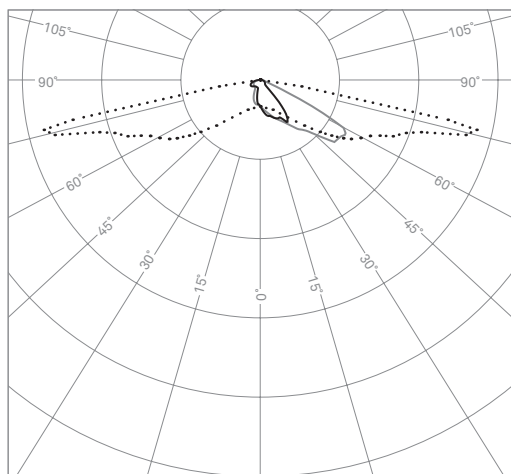
Combinable



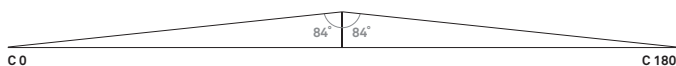
Rotable / in steps of 90° (exception: power outlet position)

Light distribution

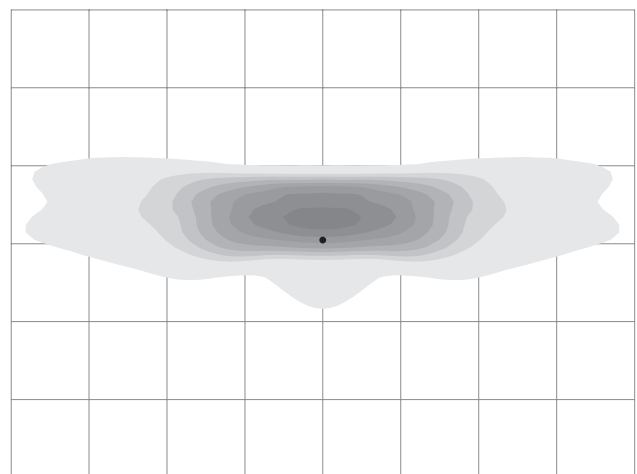
Polar diagram



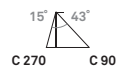
... C0-C180 — C30-C210 - - C90-C270



Illuminance distribution



Mounting height



B LED PCB

Variant 01 (power outlet underneath): IP67 rating in combination with mounting profile
Variant 02 (power outlet on side): IP67 rating

1 LED PCB

V_F 12 V

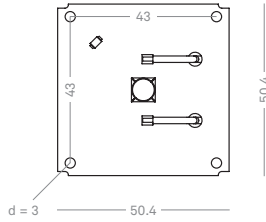
→ Article no. see table below + variant



Variant 01



Variant 02

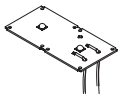


Article no.	Colour temperature (K) (typical)	No. of LED	Power (W)				Lumen (lm) (25°C ambient temperature including optical system loss)				Luminous efficacy of LED module (lm/W); (25°C ambient temperature including optical system loss)				Life time (h)
			300 mA	400 mA	500 mA	600 mA	300 mA	400 mA	500 mA	600 mA	300 mA	400 mA	500 mA	600 mA	
3 02 0001 __	3000	1	3,3	4,4	5,5	6,6	478	607	723	829	144,9	137,7	131,3	125,3	50000
3 02 0002 __	4000	1	3,3	4,4	5,5	6,6	511	650	774	888	154,8	147,5	140,5	134,2	50000
3 02 0003 __	5700	1	3,3	4,4	5,5	6,6	511	650	774	888	154,8	147,5	140,5	134,2	50000

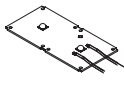
2 LED PCB

V_F 23 V

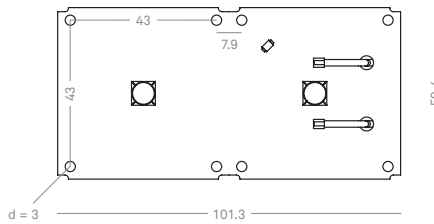
→ Article no. see table below + variant



Variant 01



Variant 02

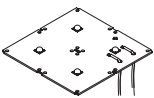


3 02 0004 __	3000	2	6,6	8,8	11,0	13,2	956	1213	1446	1657	144,9	137,7	131,3	125,3	50000
3 02 0005 __	4000	2	6,6	8,8	11,0	13,2	1022	1300	1548	1775	154,8	147,5	140,5	134,2	50000
3 02 0006 __	5700	2	6,6	8,8	11,0	13,2	1022	1300	1548	1775	154,8	147,5	140,5	134,2	50000

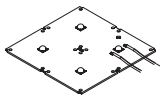
4 LED PCB

V_F 47 V

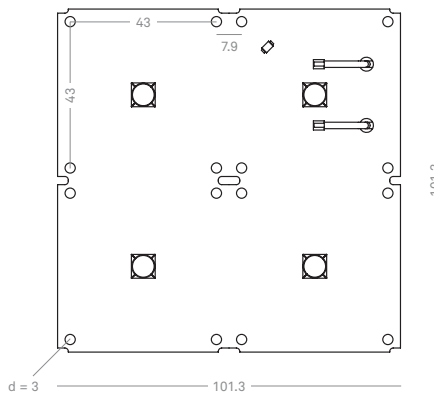
→ Article no. see table below + variant



Variant 01



Variant 02



3 02 0007 __	3000	4	13,2	17,6	22,0	26,5	1913	2427	2893	3314	144,9	137,7	131,3	125,3	50000
3 02 0008 __	4000	4	13,2	17,6	22,0	26,5	2043	2599	3096	3550	154,8	147,5	140,5	134,2	50000
3 02 0009 __	5700	4	13,2	17,6	22,0	26,5	2043	2599	3096	3550	154,8	147,5	140,5	134,2	50000

→ Article no. **example**
4 LED PCB with power outlet underneath = **3 02 0007 01**

Note: the product code is complete only if the variant is indicated.

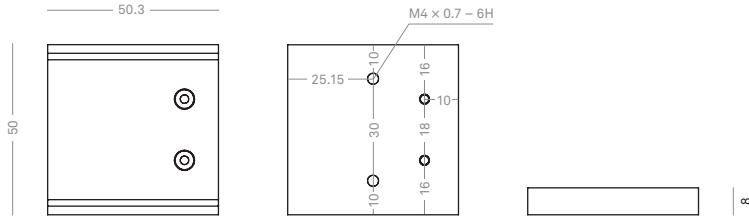
Prerequisite for compliance of the data sheet specifications is the observation of temperature limits
Tc < 80°C @ 600mA and 25°C ambient temperature
Temperature measuring unit available

C Mounting profile (optional)

- Can be used for lighting units with PCBs of variant 01 and 02

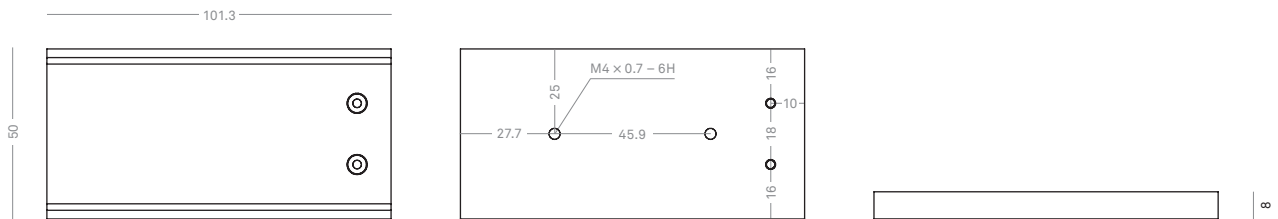
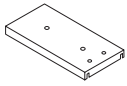
1 mounting profile *

→ Article no. **40 20000 30**



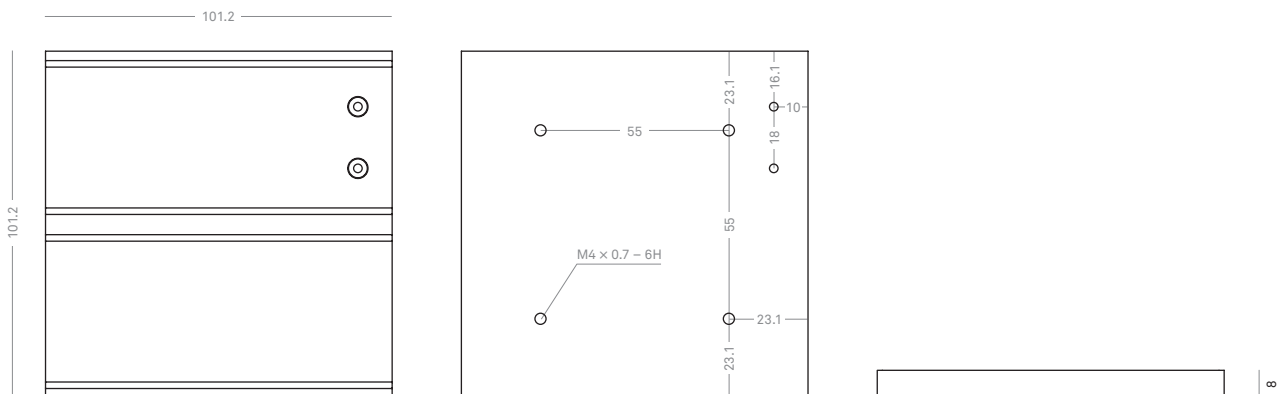
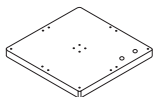
2 mounting profile *

→ Article no. **40 20000 20**



4 mounting profile *

→ Article no. **40 20000 40**



* Recommended mounting screws included: BN 20165 – M 2.5 x 12 mm

Assembly and maintenance instruction on www.corlight.com