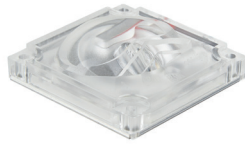


cor light ...

LP16 modular

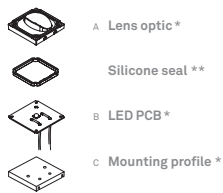


Walkway lighting unit

Optimized for the application in bollard lighting systems and for the illumination of streets and squares

- Typical ratio of 10 for pole distance to mounting height
- Typical ratio of 3 for length of the illuminated field forward to mounting height
- Numerous options for attaching and configuring
- Power rating up to 600mA, dimmable
- Highest system efficiency
- Sustainable and future oriented
- Multichip technology
- ESD-protection
- CRI 70 min

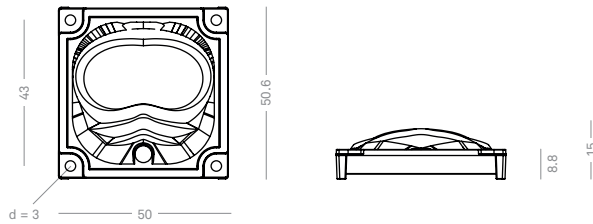
Lighting unit structure



* Specific article number ** inclusive

A Lens optic

→ Article no. 3 03 0029 01



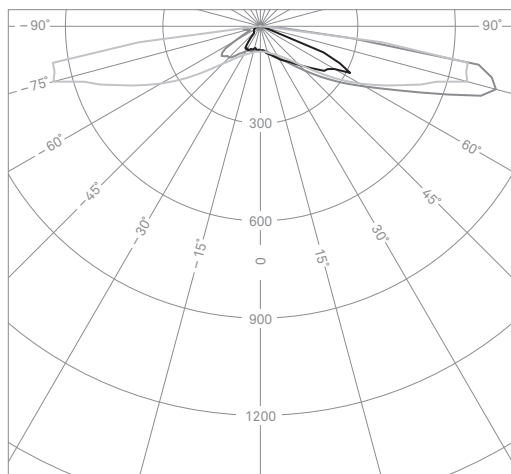
Combinable



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

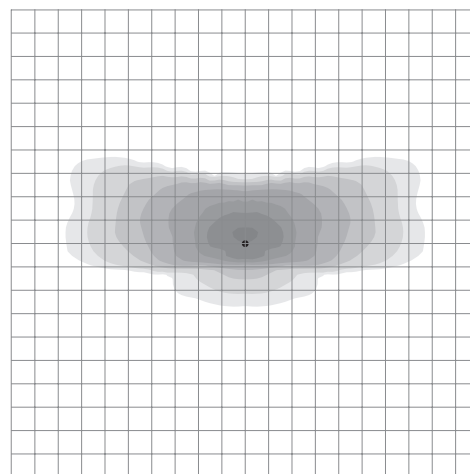
Light distribution

Polar diagram

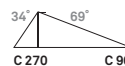
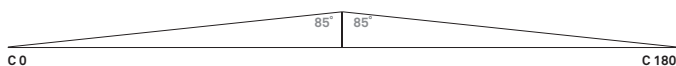


— C0-C180 — C30-C210 — C90-C270

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

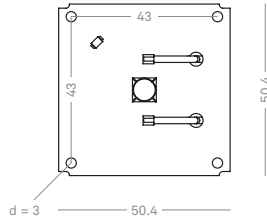
→ Article no. see table below + variant



Variant 01



Variant 02

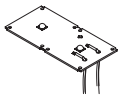


Article no.	Colour temperature (K) (typical)	No. of LED	Power (W)				Lumen (lm) (25°C ambient temperature including optical system loss)				Luminous efficacy of LED module (lm/W); (25°C ambient temperature including optical system loss)				Life time (h)
			300 mA	400 mA	500 mA	600 mA	300 mA	400 mA	500 mA	600 mA	300 mA	400 mA	500 mA	600 mA	
3 02 0001 __	3000	1	3,3	4,4	5,5	6,6	491	624	743	852	148,9	141,5	134,9	128,8	50000
3 02 0002 __	4000	1	3,3	4,4	5,5	6,6	525	668	795	912	159,1	151,6	144,4	137,9	50000
3 02 0003 __	5700	1	3,3	4,4	5,5	6,6	525	668	795	912	159,1	151,6	144,4	137,9	50000

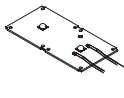
2 LED PCB

V_F 23 V

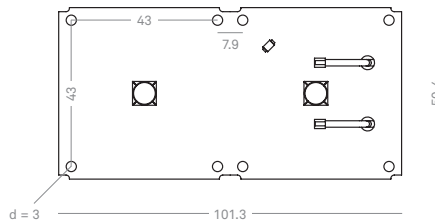
→ Article no. see table below + variant



Variant 01



Variant 02

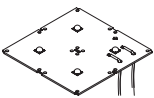


3 02 0004 __	3000	2	6,6	8,8	11,0	13,2	983	1247	1487	1703	148,9	141,5	134,9	128,8	50000
3 02 0005 __	4000	2	6,6	8,8	11,0	13,2	1050	1336	1591	1825	159,1	151,6	144,4	137,9	50000
3 02 0006 __	5700	2	6,6	8,8	11,0	13,2	1050	1336	1591	1825	159,1	151,6	144,4	137,9	50000

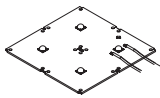
4 LED PCB

V_F 47 V

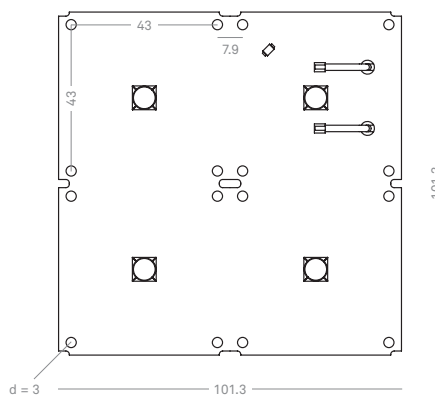
→ Article no. see table below + variant



Variant 01



Variant 02



3 02 0007 __	3000	4	13,2	17,6	22,0	26,5	1966	2494	2973	3406	148,9	141,5	134,9	128,8	50000
3 02 0008 __	4000	4	13,2	17,6	22,0	26,5	2100	2672	3182	3649	159,1	151,6	144,4	137,9	50000
3 02 0009 __	5700	4	13,2	17,6	22,0	26,5	2100	2672	3182	3649	159,1	151,6	144,4	137,9	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.

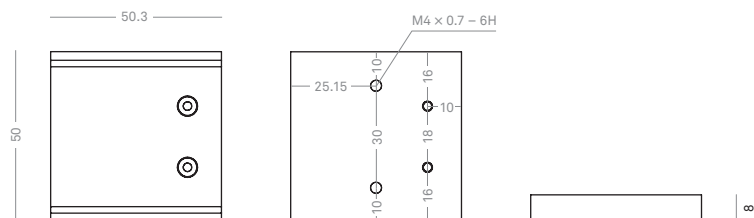
Prerequisite for compliance of the data sheet specifications is the observation of temperature limits
Tc < 80°C @ 600mA and 25°C ambient temperature
Temperature measuring unit available

C Mounting profile (optional)

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

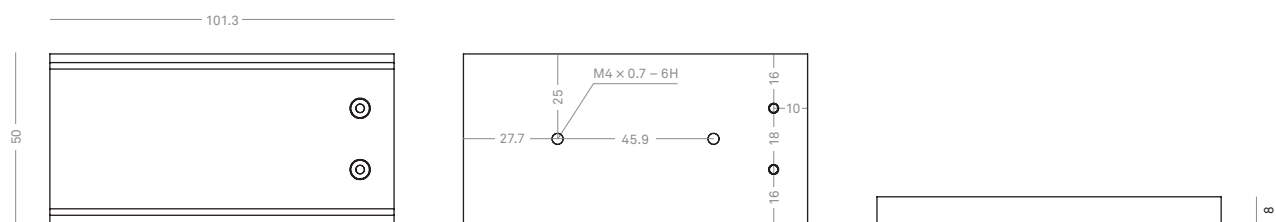
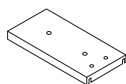
1 mounting profile *

→ Article no. 40 20000 30



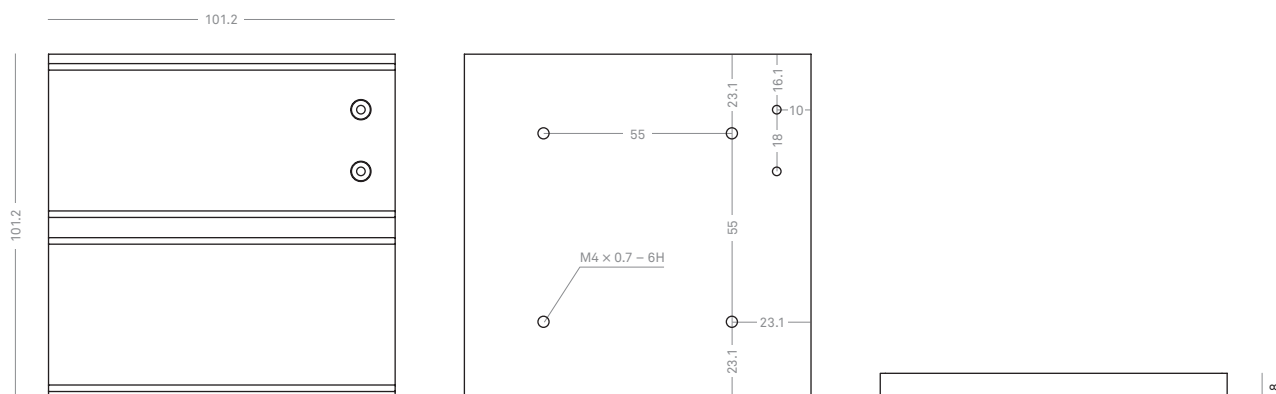
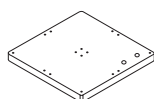
2 mounting profile *

→ 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