

cor light ...

LH11 modular



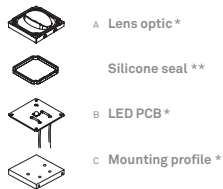
Indoor lighting unit

Optimized for use in interior spaces and high bay illumination

- Typical ratio of 1.2 for luminaire spacing to mounting height with symmetrical radiation

- 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

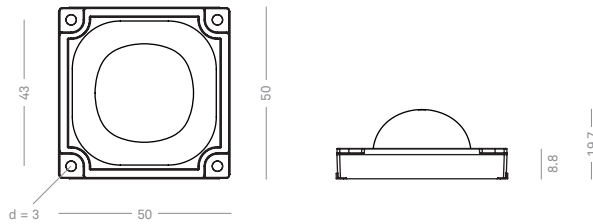
Lighting unit structure



* Specific article number ** inclusive

A Lens optic

→ Article no. 3 03 0007 01



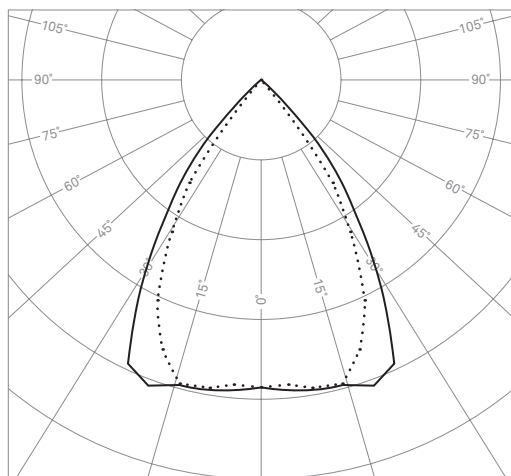
Combinable



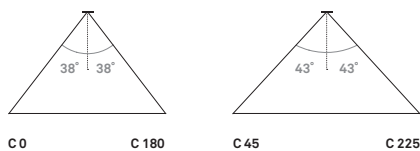
Rotable / in steps of 90° (exception: power outlet position)

Light distribution

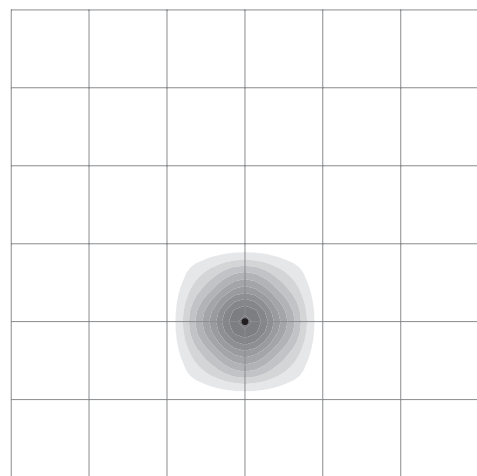
Polar diagram



... C0-C180 — C45-C225 $\eta = 88\%$



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

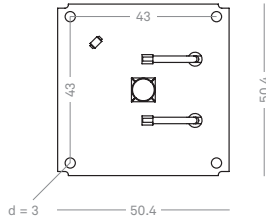
→ Article no. see table below + variant



Variant 01



Variant 02

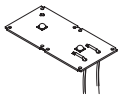


Article no.	Colour temperature (K) (typical)	No. of LED	Power (W)				Lumen (lm) (25°C ambient temperature including optical system loss)				Luminous efficacy of LED module (lm/W); (25°C ambient temperature including optical system loss)				Life time (h)
			300 mA	400 mA	500 mA	600 mA	300 mA	400 mA	500 mA	600 mA	300 mA	400 mA	500 mA	600 mA	
3 02 0001 __	3000	1	3,3	4,4	5,5	6,6	479	608	725	831	145,3	138,1	131,6	125,6	50000
3 02 0002 __	4000	1	3,3	4,4	5,5	6,6	512	652	776	890	155,2	147,9	140,9	134,6	50000
3 02 0003 __	5700	1	3,3	4,4	5,5	6,6	512	652	776	890	155,2	147,9	140,9	134,6	50000

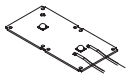
2 LED PCB

V_F 23 V

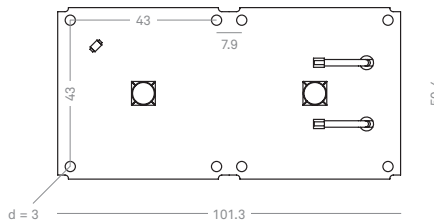
→ Article no. see table below + variant



Variant 01



Variant 02

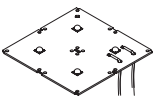


3 02 0004 __	3000	2	6,6	8,8	11,0	13,2	959	1217	1451	1662	145,3	138,1	131,6	125,6	50000
3 02 0005 __	4000	2	6,6	8,8	11,0	13,2	1025	1303	1552	1780	155,2	147,9	140,9	134,6	50000
3 02 0006 __	5700	2	6,6	8,8	11,0	13,2	1025	1303	1552	1780	155,2	147,9	140,9	134,6	50000

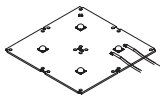
4 LED PCB

V_F 47 V

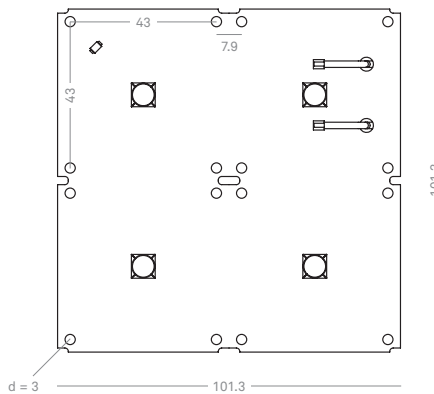
→ Article no. see table below + variant



Variant 01



Variant 02



3 02 0007 __	3000	4	13,2	17,6	22,0	26,5	1918	2434	2901	3324	145,3	138,1	131,6	125,6	50000
3 02 0008 __	4000	4	13,2	17,6	22,0	26,5	2049	2607	3105	3561	155,2	147,9	140,9	134,6	50000
3 02 0009 __	5700	4	13,2	17,6	22,0	26,5	2049	2607	3105	3561	155,2	147,9	140,9	134,6	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.

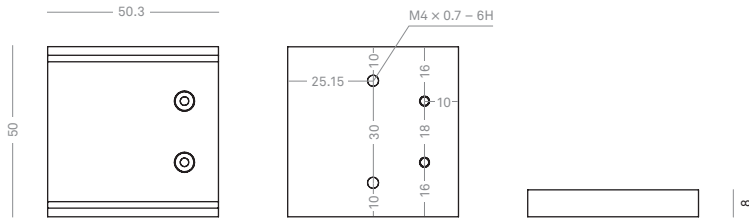
Prerequisite for compliance of the data sheet specifications is the observation of temperature limits
Tc < 80°C @ 600mA and 25°C ambient temperature
Temperature measuring unit available

C **Mounting profile** (optional)

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

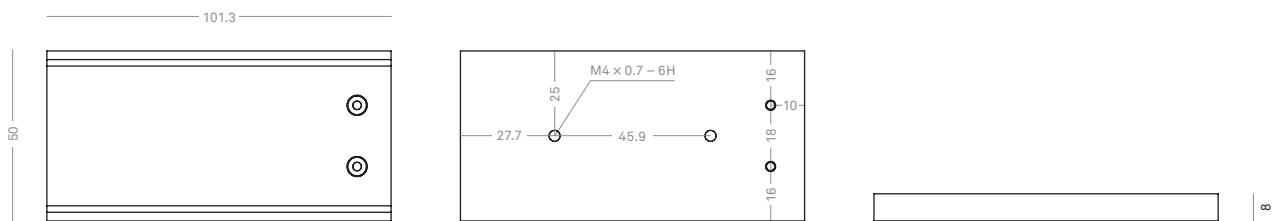
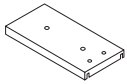
1 mounting profile *

→ Article no. **40 20000 30**



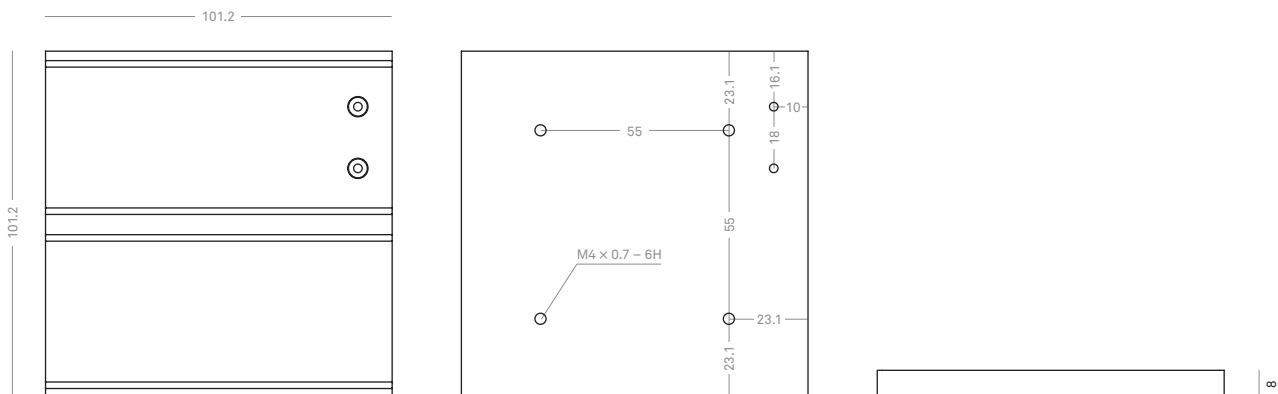
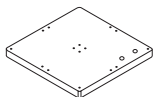
2 mounting profile *

→ 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