

Appendix for UL-certified lighting units

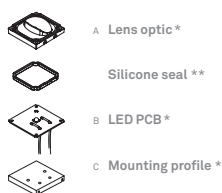
- This datasheet is an Appendix for all L-Series datasheets: LS\_3, LS\_4, LS\_5, LP\_3, LH\_1
- While ordering lenses/PCB/mounting profile with order codes provided here, the lighting unit is an UL-certified product.
- Only additional technical Information is provided here.



A Lens optic

1 Lens optic

Lighting unit structure



\* Specific article number \*\* inclusive



LS13	→ Article no. 30 30001 01
LS13 satinè	Article no. 30 30003 01
LS14	Article no. 30 30002 01
LS14 satinè	Article no. 30 30004 01
LS15	Article no. 30 30021 01
LP13	Article no. 30 30005 01
LP13 satinè	Article no. 30 30006 01
LH11	Article no. 30 30007 01
LH11 satinè	Article no. 30 30008 01



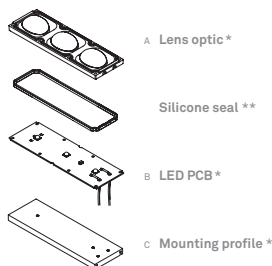
Combinable



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

3 Lens optic

Lighting unit structure



\* Specific article number \*\* inclusive



LS33	→ Article no. 30 30009 01
LS33 satinè	Article no. 30 30010 01
LS33-Q	Article no. 30 30011 01
LS33-Q satinè	Article no. 30 30012 01
LS34	Article no. 30 30013 01
LS34 satinè	Article no. 30 30014 01
LS34-Q	Article no. 30 30015 01
LS34-Q satinè	Article no. 30 30016 01
LS35	Article no. 30 30022 01
LS35-Q	Article no. 30 30023 01
LP33	Article no. 30 30017 01
LP33 satinè	Article no. 30 30018 01
LP33-Q	Article no. 30 30027 01
LP33-Q satinè	Article no. 30 30028 01
LH31	Article no. 30 30019 01
LH31 satinè	Article no. 30 30020 01

**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

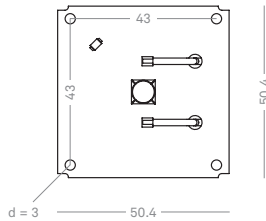
→ Article no. see table below + variant



Variant 01



Variant 02

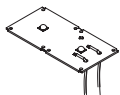


Article no.	Colour temperature (K) (typical)	No. of LED	Power (W)				Lumen (lm) (25°C ambient temperature, incl. optical losses)				Lifetime (h)
			300 mA	400 mA	500 mA	600 mA	300 mA	400 mA	500 mA	600 mA	
3 05 0001 __	3000	1	3.3	4.4	5.5	6.6	see lumen values on the original L-Series datasheet depending on the lens selected				50000
3 05 0002 __	4000	1	3.3	4.4	5.5	6.6	see lumen values on the original L-Series datasheet depending on the lens selected				50000
3 05 0003 __	5700	1	3.3	4.4	5.5	6.6	see lumen values on the original L-Series datasheet depending on the lens selected				50000

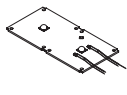
**2 LED PCB**

$V_F$  23 V

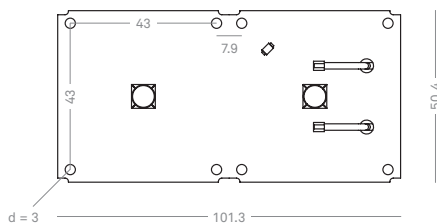
→ Article no. see table below + variant



Variant 01



Variant 02

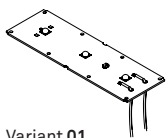


3 05 0004 __	3000	2	6.6	8.8	11	13.2	see lumen values on the original L-Series datasheet depending on the lens selected				50000
3 05 0005 __	4000	2	6.6	8.8	11	13.2	see lumen values on the original L-Series datasheet depending on the lens selected				50000
3 05 0006 __	5700	2	6.6	8.8	11	13.2	see lumen values on the original L-Series datasheet depending on the lens selected				50000

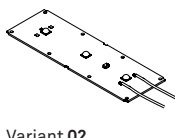
**3 LED PCB**

$V_F$  35 V

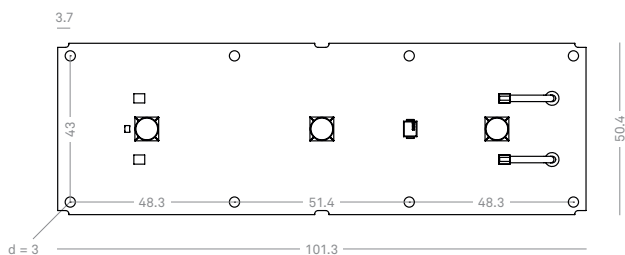
→ Article no. see table below + variant



Variant 01



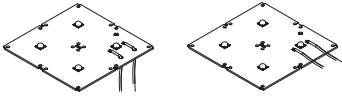
Variant 02



3 05 0007 __	3000	3	9.9	13.2	16.5	19.8	see lumen values on the original L-Series datasheet depending on the lens selected				50000
3 05 0008 __	4000	3	9.9	13.2	16.5	19.8	see lumen values on the original L-Series datasheet depending on the lens selected				50000
3 05 0009 __	5700	3	9.9	13.2	16.5	19.8	see lumen values on the original L-Series datasheet depending on the lens selected				50000

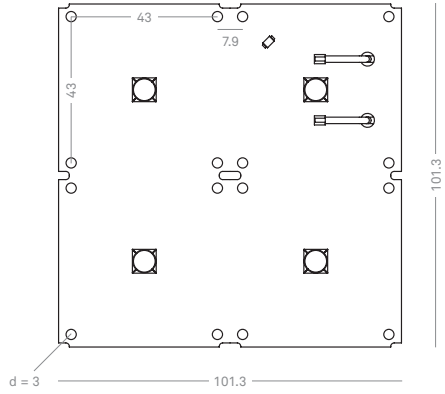
→ Article no. example  
3 LED PCB with power outlet underneath = **3 05 0007 01**

4 LED PCB  $V_F$  47 V → Article no. **see table below + variant**



Variant 01

Variant 02



3 05 0010 __	3000	4	13.2	17.6	22	26.4	see lumen values on the original L-Series datasheet depending on the lens selected	50000
3 05 0011 __	4000	4	13.2	17.6	22	26.4		50000
3 05 0012 __	5700	4	13.2	17.6	22	26.4		50000

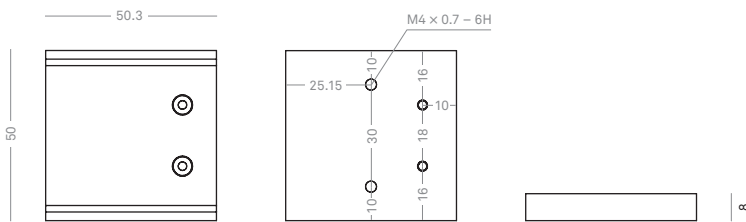
→ Article no. **example**  
4 LED PCB with power outlet underneath = **3 05 0010 Q1**

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

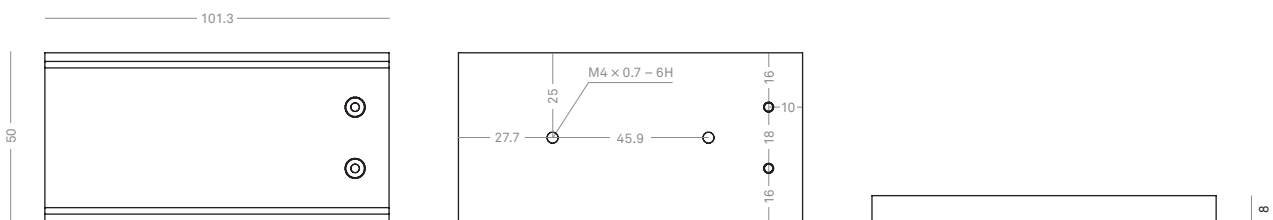
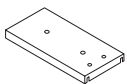
**C Mounting profile** (optional)

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

**1 mounting profile \*** → Article no. **40 20000 50**

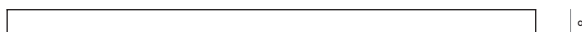
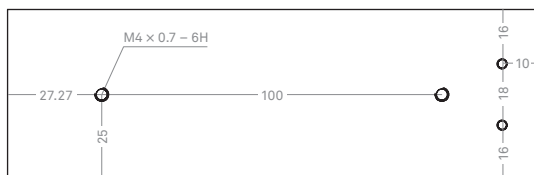
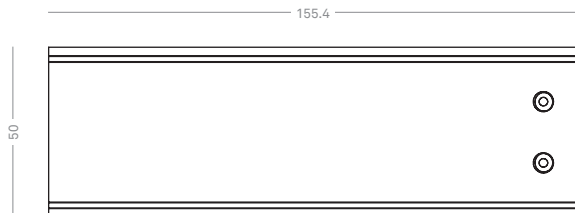
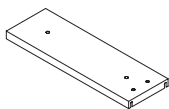


**2 mounting profile \*** → Article no. **40 20000 60**



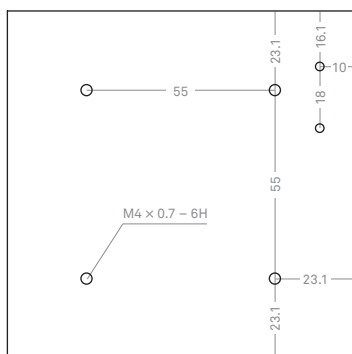
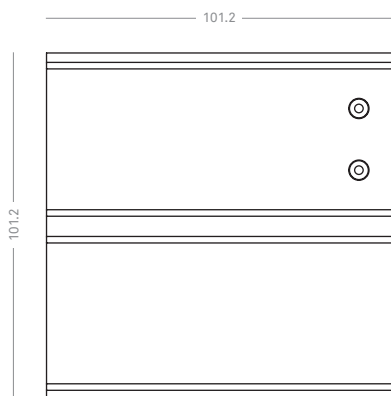
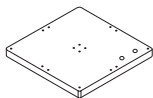
3 mounting profile \*

→ Article no. 40 20000 70



4 mounting profile \*

→ Article no. 40 20000 80



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

• • Assembly and maintenance instruction on [www.corlight.com](http://www.corlight.com) •