

LED STREET LIGHT FAMILY

MUNICH



B3 GERMANY
THE MASTERS OF LIGHT



MUNICH LED STREET LIGHT FAMILY

The MUNICH LED street light family has an elegantly curved design. The traditional form fits into all kinds of architectural landscapes. The innovative lens design with full cut-off guarantees that light falls only where it is really needed. Choose from three different sizes with mast-top or bracket mounting.





120/135 lm/W	-35 °C +50 °C	THD < 20 %	90 V - 305 V	IP 66	5 years
CRI > 70	10 % - 90 %	PF > 0.95	10 kV 10 kA	IK ≥ 08	50 000 hours

TECHNICAL SPECIFICATIONS*	MUNICH L300 TYPE A	MUNICH L250 TYPE A	MUNICH M240 TYPE B
Wattage	300 W	250 W	240 W
Voltage range	90 - 305 V	90 - 305V	90 - 305 V
Chip	Lumileds 3030 5050	Lumileds 3030 5050	Lumileds 3030 5050
Chip quantity	336 pcs. 80 pcs.	280 pcs. 64 pcs.	280 pcs. 64 pcs.
Luminous efficacy	120 lm/W 135 lm/W	120 lm/W 135 lm/W	120 lm/W 135 lm/W
Driver	Inventronics / Meanwell	Inventronics / Meanwell	Inventronics / Meanwell
Power factor	> 0.95	> 0.95	> 0.95
CCT	3000 - 6500 K	3000 - 6500 K	3000 - 6500 K
CRI	> 70	> 70	> 70
Surge protection	10 KV / 10 KA	10 KV / 10 KA	10 KV / 10 KA
Operating temperature	-35 to +50 °C	-35 to +50 °C	-35 to +50 °C
Protection class	Class I / II	Class I / II	Class I / II
IP rating	IP66	IP66	IP66
IK rating	≥ IK08	≥ IK08	≥ IK08
Rated lifetime	> 50 000 hours	> 50 000 hours	> 50 000 hours
Housing material	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum
Photocell base	Yes	Yes	Yes
Installation spigot	50 / 60 / 76 mm	50 / 60 / 76 mm	50 / 60 / 76 mm
Control system	Optional	Optional	Optional
Warranty	5 years	5 years	5 years
Certifications	ENEC / CE / CB / RoHS	ENEC / CE / CB / RoHS	ENEC / CE / CB / RoHS
Fitting size	800 x 360 x 140 mm	800 x 360 x 140 mm	700 x 360 x 140 mm
Packing size	950 x 435 x 200 mm	950 x 435 x 200 mm	850 x 435 x 200 mm
Net weight	13.8 kg	13.7 kg	10.0 kg
Gross weight	15.1 kg	15.0 kg	11.2 kg

*Technical specifications subject to change at any time.

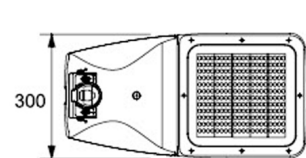
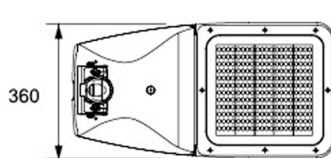
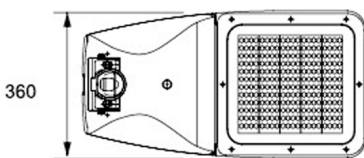
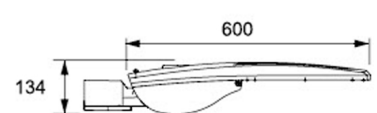
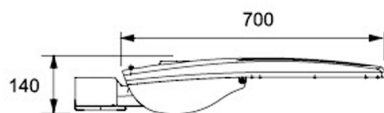
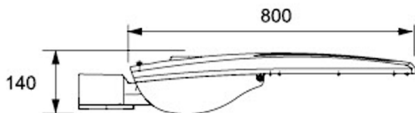
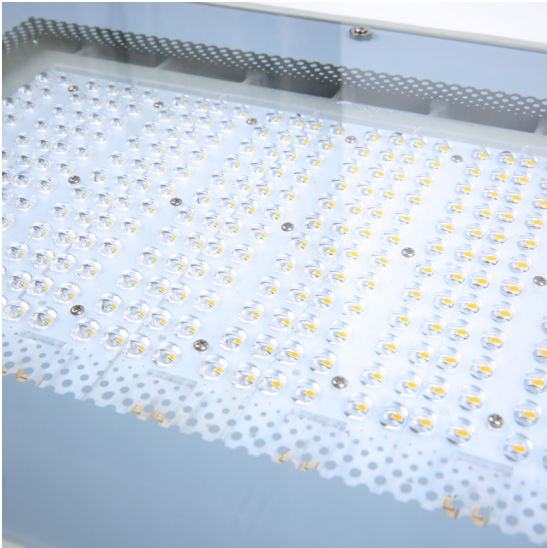


MUNICH M200 TYPE B
200 W
90 - 305 V
Lumileds 3030 5050
224 pcs. 48 pcs.
120 lm/W 135 lm/W
Inventronics / Meanwell
> 0.95
3000 - 6500 K
> 70
10 KV / 10 KA
-35 to +50 °C
Class I / II
IP66
≥ IK08
> 50 000 hours
Die-cast aluminum
Yes
50 / 60 / 76 mm
Optional
5 years
ENEC / CE / CB / RoHS
700 × 360 × 140 mm
850 × 435 × 200 mm
9.6 kg
10.8 kg

MUNICH M150 TYPE B
150 W
90 - 305 V
Lumileds 3030 5050
168 pcs. 48 pcs.
120 lm/W 135 lm/W
Inventronics / Meanwell
> 0.95
3000 - 6500 K
> 70
10 KV / 10 KA
-35 to +50 °C
Class I / II
IP66
≥ IK08
> 50 000 hours
Die-cast aluminum
Yes
50 / 60 / 76 mm
Optional
5 years
ENEC / CE / CB / RoHS
700 × 360 × 140 mm
850 × 435 × 200 mm
9.6 kg
10.8 kg

MUNICH S120 TYPE C
120 W
90 - 305 V
Lumileds 3030 5050
144 pcs. 32 pcs.
120 lm/W 135 lm/W
Inventronics / Meanwell
> 0.95
3000 - 6500 K
> 70
10 KV / 10 KA
-35 to +50 °C
Class I / II
IP66
≥ IK08
> 50 000 hours
Die-cast aluminum
Yes
50 / 60 / 76 mm
Optional
5 years
ENEC / CE / CB / RoHS
600 × 300 × 134 mm
750 × 350 × 180 mm
7.0 kg
8.0 kg

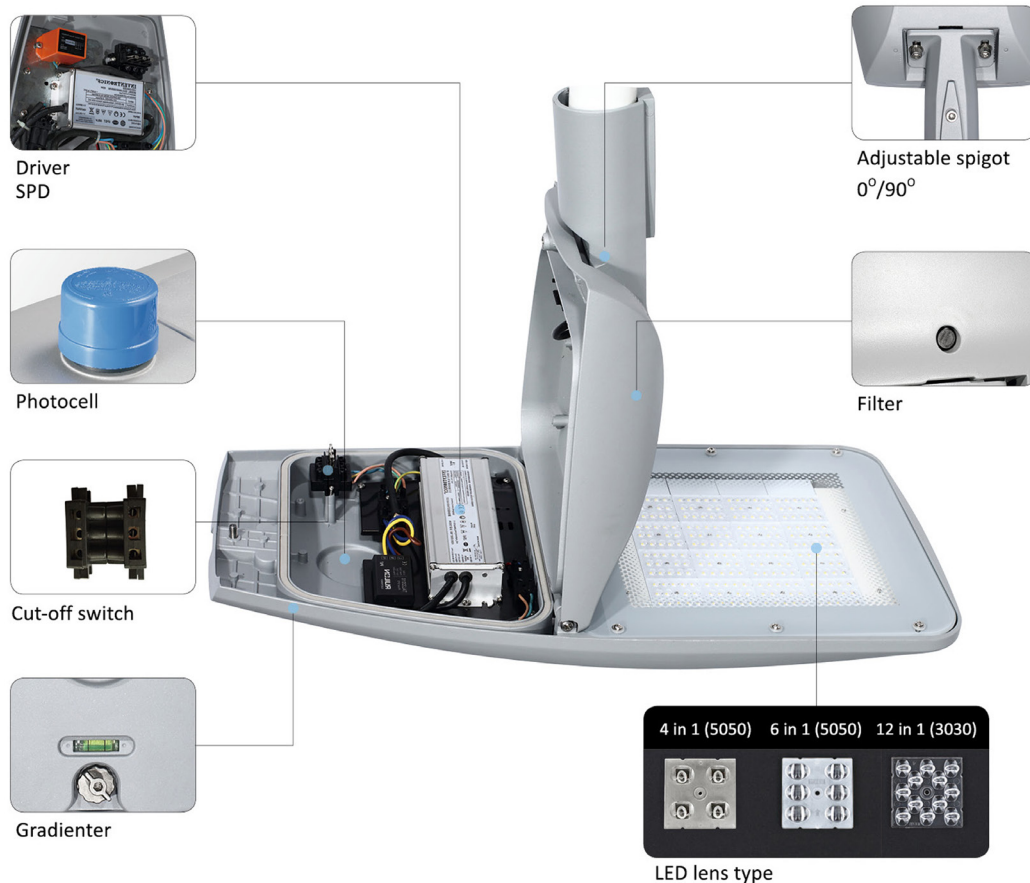
MUNICH S80 TYPE C
80 W
90 - 305 V
Lumileds 3030 5050
96 pcs. 24 pcs.
120 lm/W 135 lm/W
Inventronics / Meanwell
> 0.95
3000 - 6500 K
> 70
10 KV / 10 KA
-35 to +50 °C
Class I / II
IP66
≥ IK08
> 50 000 hours
Die-cast aluminum
Yes
50 / 60 / 76 mm
Optional
5 years
ENEC / CE / CB / RoHS
600 × 300 × 134 mm
750 × 350 × 180 mm
7.0 kg
8.0 kg



A

B

C



BESPOKE SOLUTIONS

The lighting specialists of B3 Engineering can adapt all of the basic MUNICH configurations to your very specific project needs. The basic models listed in this product data sheet serve only as a reference point.

B3 SMART CITY CONTROL SYSTEM

The MUNICH street light family can be optionally equipped with our Smart City control system. In addition to realizing energy savings of up to 35 % through intelligent dimming, myriad other functions improve the quality of light and life in your city. Groups of street lights can be linked into mesh or tree topologies with different communication technologies, including RF, LoRa and PLC. Data concentrators allow you to easily and comfortably manage all Smart City functions remotely from a central control room via RF or GSM / GPRS / 3G.

Key features of the B3 Smart City control system include:

- On/off control
- Dimming control
- Timed control
- Consumption monitoring
- Data Storage
- Group management
- Fault alerts
- Status inquiry

Please request our "B3 Smart City control system" white paper for more information on how our intelligent control systems can improve the quality of light and life in your city. Our specialists look forward to advising you in a personal conversation.



individually, customer specification, customized, dimming, best in innovation, create your light



B3 GERMANY
THE MASTERS OF LIGHT

B3 GERMANY

Rua Conselheiro Moreira de Barros, 2573
São Paulo SP, CEP 02430-00

Tel. +55 (11) 98871-0115
www.b3germany.com