

# STREET LIGHTING LUMINAIRE

# SL 150

HIGH EFFICIENCY  
**100-160W**



## No Glass

## LED provided by Samsung

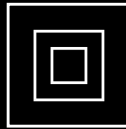
LED number	144 LED	144 LED	144 LED	144 LED
Power**	100W	120W	140W	160W
Luminous flux*	16300 Lm	18960 Lm	21800 Lm	24300 Lm
Light efficiency*	163 Lm/W	158 Lm/W	156 Lm/W	152 Lm/W
LED current	0.235A	0.280A	0.325A	0.370A

\*Option with tempered glass decrease lighth efficiency and flux with 10%, \*\*Power tolerance +/-5%

**TRIDONIC**  
Philips Xitanium Drivers

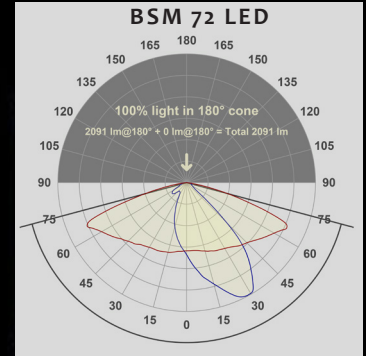
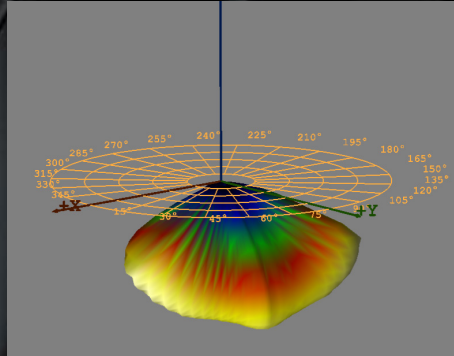
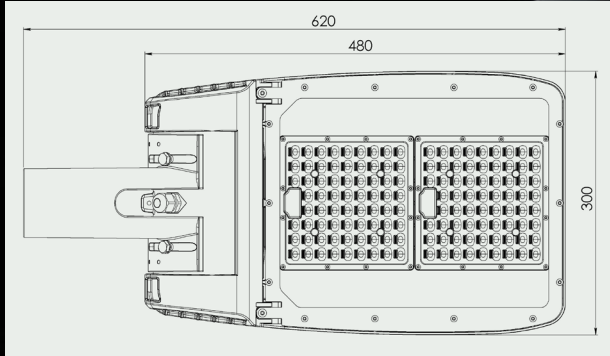


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## STREET LIGHTING LUMINAIRE

# SL 150



<b>LED brand</b>	<b>SAMSUNG or LUMILEDS</b>
<b>Lenses / Optics</b>	<b>BSM 72 LED OPTICS; ME, SCL, T2</b>
<b>Power supply voltage</b>	<b>AC 220-240V (other on request)</b>
<b>LED driver</b>	<b>TRIDONIC, PHILIPS, TCI; MEANWELL; On request: 1-10V, DALI, Self-dimming, CLO, NTC etc.</b>
<b>Operation temperature</b>	<b>-25°C + 45°C (-30°C or -40°C on request)</b>
<b>Isulation class</b>	<b>Class I or Class II</b>
<b>Beam Angle</b>	<b>street type 145°; ME, SCL, T2</b>
<b>Power factor</b>	<b>≥0.95</b>
<b>Operation Lifetime</b>	<b>≥ 60,000 h at L80B10 (100,000 h on request)</b>
<b>On-load switch</b>	<b>Yes</b>
<b>Surge protection</b>	<b>10kV</b>
<b>CR Index</b>	<b>CRI Ra≥70 (CRI Ra≥80 on request)</b>
<b>Colour temperature</b>	<b>4000K; 5000K (3000K on request) +/- 300K</b>
<b>(The flux and efficiency may vary +/- 10%, depending on the LEDs)</b>	
<b>Specifications are subject to change without notice, for latest datasheet refer to web-site</b>	
<b>Body colour</b>	<b>RAL7035 standard - custom colour possible on request RAL9006, RAL7024</b>
<b>Body / Screen</b>	<b>Aluminium die casting (powder coated) / Option - tempered glass</b>
<b>IP / IK grade</b>	<b>IP66 (IP67 on request) / IK10</b>
<b>Weight</b>	<b>8 kg</b>
<b>Dimensions</b>	<b>620x300x70mm</b>
<b>Mounting / Tilt angle</b>	<b>diam. 60mm Top pole +20° - 5°/ Boom +15° - 30°</b>
<b>Warranty</b>	<b>3 years (5 and 7 years on request)</b>
<b>Main standards references</b>	<b>CE, CB, ENEC; EN 55015; EN 61000; EN 61547; EN 62031 EN 60598; EN 62262; EN 13201; EN 62471 (on request)</b>

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