BSM

CE IK10 IP66 LED MADE IN EU BSM OPTICS ENEC

STREET LIGHTING LUMINAIRE

SL 150

HIGH EFFICIENCY

40-160W

No Glass	LED provided by Samsung									
LED number	144 LED	144 LED	144 LED	144 LED	144 LED	144 LED	144 LED	144 LED	144 LED	144 LED
Power**	40W	50W	60W	70W	80W	90W	100W	120W	140W	160W
Luminous flux*	7280 Lm	9000 Lm	10680 Lm	12320 Lm	13840 Lm	15300 Lm	16300 Lm	18960 Lm	21800 Lm	24300 Lm
Light efficiency*	182 Lm/W	180 Lm/W	178 Lm/W	176 Lm/W	173 Lm/W	170 Lm/W	163 Lm/W	158 Lm/W	156 Lm/W	152 Lm/W
LED current	0.098A	0.120A	0.145A	0.168A	0.190A	0.215A	0.235A	0.280A	0.325A	0.370A

*Data is for 4000K and 5000K. Option with tempered glass decrease ligth efficiency and flux with 10%.
For 3000K contact manufacturer. **Power tolerance +/-5%

TRIDONIC
Philips Xitanium Drivers

MW MEAN WELL

TCI LED professional led applications

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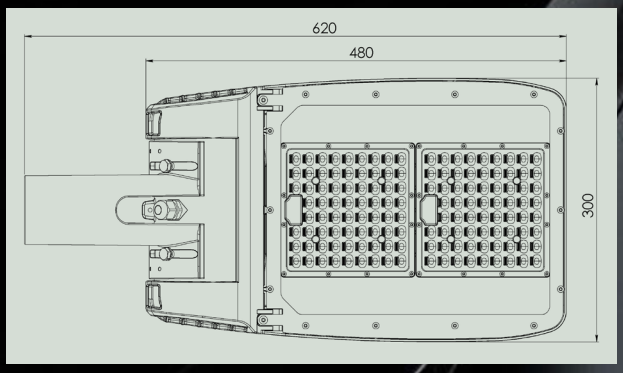

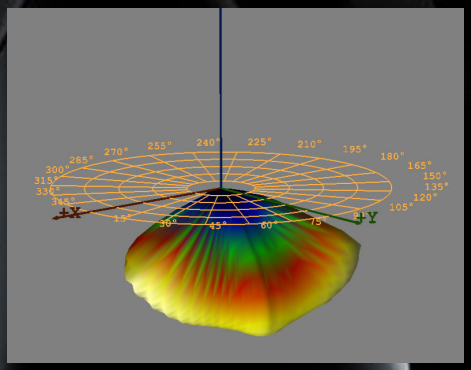

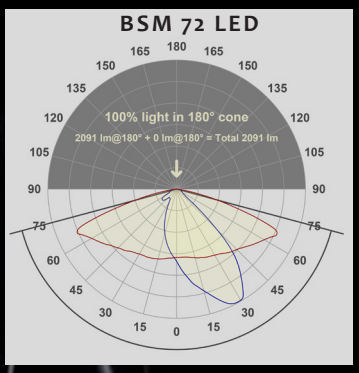

LED brand	SAMSUNG
Lenses / Optics	BSM 72 LED OPTICS
Power supply voltage	AC 220-240V (+/-10%), 50/60Hz (on request AC 80-264V or 90-305V voltage range)
LED driver Options on request	TRIDONIC, PHILIPS, TCI, MEANWELL; 1-10V, DALI, Self-dimming, CLO, NTC, NEMA, ZHAGA etc.
Operation temperature	-25°C + 50°C (-30°C or -40°C on request)
Isulation class	Class I or Class II
Beam Angle	street type 145°
Power factor	≥0.95
Operation Lifetime	SAMSUNG L90 / 100,000 h
On-load switch	Yes
Surge protection	10kV
CR Index	CRI Ra≥70 (CRI Ra≥80 on request)
Colour temperature	4000K; 5000K (3000K on request) +/- 300K

(The flux and efficiency may vary +/- 10%, depending on the LEDs)
Specifications are subject to change without notice, for latest datasheet refer to web-site

Body colour	RAL7035 standard - custom colour possible on request RAL9006, RAL7024
Body / Screen	Aluminium die casting (powder coated) / Option - tempered glass
IP / IK grade	IP66 / IK10
Weight	7kg
Dimensions	620x300x96mm
Mounting Tilt angle	Standard diam. 60mm (with adaptor 40 ot 76 mm, refer to installation manual) +20° - 30°
Warranty	5 years (7 and 10 years on request)
Main standards refer-ences	CE, ENEC; EN 55015; EN 61000; EN 61547; EN 62031 EN 60598; EN 62262; EN 13201; EN 62471

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