



STREET LIGHTING LUMINAIRE LED

SL 95

20-100W

HIGH EFFICIENCY



LED brand	SAMSUNG, CREE, NICHIA, LUMILEDS
Lenses / Optics	LEDiL, BSM 72 , BSM 48 LED OPTICS
Power supply voltage	AC 220-240V (100-240V on request)
LED driver	TRIDONIC, PHILIPS, MEANWELL; On request: 1-10V, DALI, Self-dimming
Operation temperature	-30°C + 45°C (-40°C on request)
Isulation class	Class I; Class II on request
Beam Angle	street types, other on request 60°, 90°, 120°, asymmetric
Power factor	≥0.96 - 1.00
Operation Lifetime	≥ 50,000 h (100,000 h on request)
On-load switch	On request
Surge protection	10kV
CR Index	CRI Ra≥70 (CRI Ra≥80 on request)
Colour temperature	4000K - 6000K +/- 300K (3000K,6500K on request) (Luminocity parameters may vary on request)

Philips Xitanium Drivers

TRIDONIC



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LED 15



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Glass

LED provided by
Samsung

LED number	72 LED	72 LED	72 LED	72 LED	72 LED	72 LED	72 LED	72 LED	72 LED
Power	20W	30W	40W	50W	60W	70W	80W	90W	100W
Luminous flux	3500 Lm	4800 Lm	6160 Lm	7350 Lm	8640 Lm	9800 Lm	11040 Lm	12150 Lm	13300 Lm
Light efficiency	175 Lm/W	160 Lm/W	154 Lm/W	147 Lm/W	144 Lm/W	140 Lm/W	138 Lm/W	135 Lm/W	133 Lm/W
LED current	0.095A	0.145A	0.190A	0.235A	0.280A	0.325A	0.370A	0.415A	0.460A

No Glass - IK10 IP67

LED provided by
Samsung

LED number	72 LED	72 LED	72 LED	72 LED	72 LED
Power	20W	40W	60W	80W	100W
Luminous flux	3560 Lm	6800 Lm	9600 Lm	12400 Lm	14500 Lm
Light efficiency	178 Lm/W	170 Lm/W	160 Lm/W	155 Lm/W	145 Lm/W
LED current	0.100A	0.180A	0.270A	0.350A	0.450A

No Glass, IK10 IP67



LED number	72 LED	72 LED	72 LED	72 LED	72 LED
Power	20W	30W	40W	50W	60W
Luminous flux	3300 Lm	4700 Lm	6100 Lm	7200 Lm	8400 Lm
Light efficiency	165 Lm/W	158 Lm/W	152 Lm/W	145 Lm/W	140 Lm/W
LED current	0.045A	0.068A	0.088A	0.108A	0.126A

(The flux and efficiency may vary +/- 20%, depending on the LEDs)

Specifications are subject to change without notice, for latest datasheet refer to web-site

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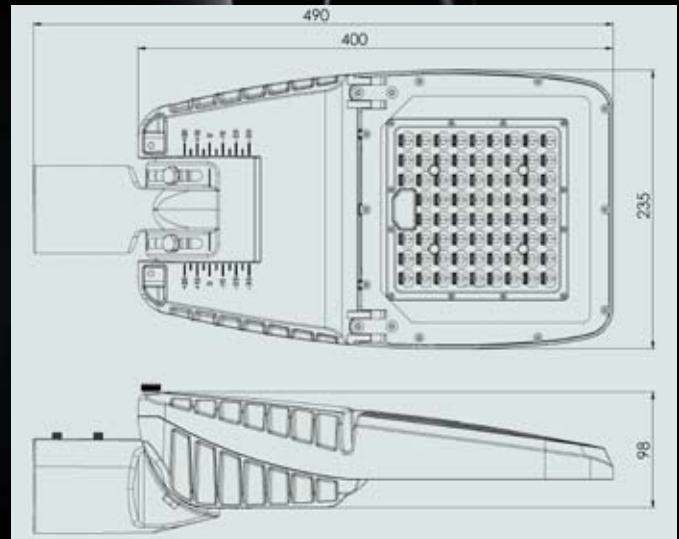
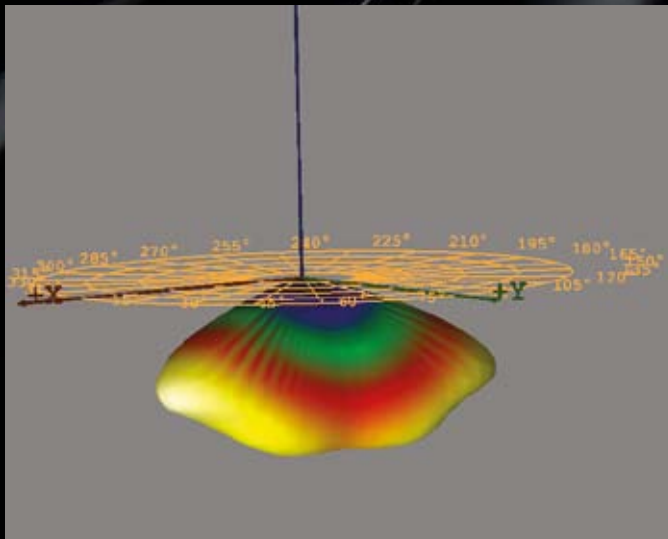
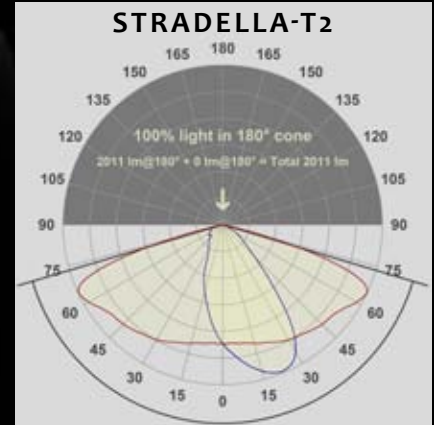
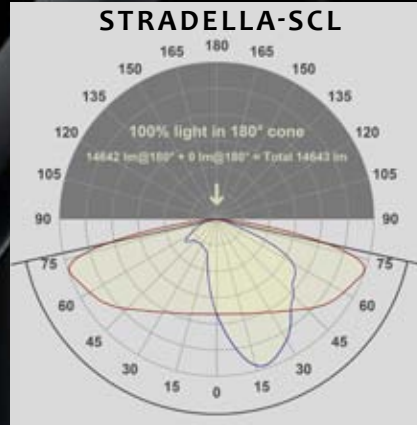
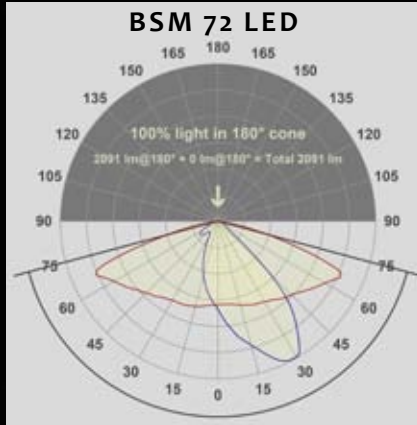
LED 16



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Body colour	RAL7035 standard - custom colour possible on request RAL9006, RAL7024
Body / Screen	Aluminium die casting, (tempered glass - option)
IP / IK grade	IP67 / IK08- IK10
Weight	5 kg
Dimensions	400x235x98mm
Mounting / Tilt angle	diam. 60mm Top pole +20° - 0° / Boom +20° - 30°
Warranty	3 years (5 and 7 years on request)
Main standards references	CE, ENEC, EN 55015; EN 61000; EN 61547; EN 62031 EN 60598; EN 60529; EN 62262; EN 13201; EN 62471 (on request)

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