SC CITY

Modern and reliable LED park luminaire for lighting parks, public areas, paths or residential areas.

The luminaire is made of die-cast aluminum alloy. Maintenance-free design, easy access to the luminaire including separate optical and power supply parts. Surface finish with RAL7022 powder paint. The luminaire is equipped with CREE XPG3 or PHILIPS LUMILEDS LED chips available in AMBER, 2200K, 2700K, 3000K, 4000K, 5700K colors with a color rendering index of Ra70 or Ra80. The optical part consists of a UV-resistant polycarbonate lens with replaceable optics. The optical part is covered with a UV-resistant clear or opal polycarbonate diffuser. Programmable branded ballasts Philips, Sosen or Tridonic with the possibility of integration into SmartCity systems thanks to the possibility of equipping the luminaire with a ZHAGA connector.

Programming of CLO functions, night dimming, MainsDimm, etc. Integrated 10kV surge protection and the possibility of activating the LED module NTC temperature protection. Possibility of fitting the luminaire with a ZHAGA/NEMA connector, Standard warranty 5 years.

SC CITY

REFERENCE

Náměstí Tachov, Czech republic

MAIN FEATURES

ALREADY CONNECTED?

UNIVERSAL DESIGN

SMART CITY

The SC City luminaire can be fitted with NEMA or ZHAGA connectors and integrated into a Smart City solution. The luminaire is fully compatible with the CONNECTED system, including information on luminaire consumption. D4i-certified ballasts.

SC CITY

AVAILABLE VARIANTS

SC-D	SC-D-ID	SC-D-OPAL	SC-T-OPAL

SC-T-ID	SC-T	SC-D-S	SC-T-S

DIMENSIONS
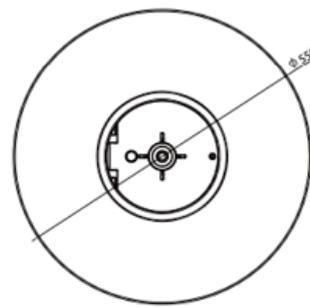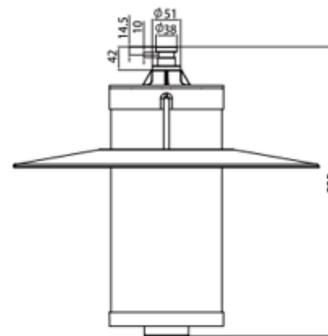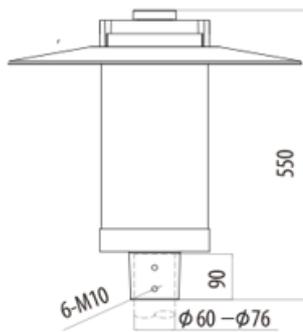
SC CITY

Installation	Column Ø60-76mm / more options STREET variant
Supply voltage	AC 200 ~ 240 V | 50 / 60 Hz
Connection method	terminal block
Surge protection	10kV standard (20kV na objednávku)
Light source	LED CREE XPG3 / LED XTE
Initial luminous flux	10 ~ 150 W
LED efficiency	60 ~ 150 lm/W
LED lifespan	100.000 hours (L90B10 @ Ta =25°C)
Optics	PMMA, replaceable
Driver	Philips, Osram, Tridonic
Power factor	PF > 0,97 (ActivePFC)
Protection class	Standard Class I, optional Class II
Lamp cover	PMMA

Color rendering (Ra70)	AMBER	2200K	2700K	3000K	4000K	5000K	5700K
Color rendering index	Ra70			Ra80			

Light distribution type	Direct
Luminaire body	Die-cast aluminum
Body color	RAL7022, ostatní barvy RAL na přání
Surface type	Powder paint
IP protection	IP66
IK resistance	IK09
Regulation (optional)	0-10V (standard) DALI (FP, 4DIMM) BLUETOOTH SmartCity IoT

Accessories (connectors)	ZHAGA	NEMA

Accessories (optical part)	BLC – backlight reduction
Operating temperature	-30°C to +50°C
Standards	EN 60598-1:2015 + A1:2018 | EN 60598-2-3:2003 + A1:2011 | IEC TR 62778:2014 | IEC 62471 IEC 61547:2009 | IEC 61000-3-2:2018| IEC 61000-3-3:2013 + AMD1 EN 55015:2013 + AMD1 | EN61547:2009 | EN61000-3-2:2014 | EN61000-3-3:2013
Warranty	5 years 10 years / 100.000 hours (contractual partners)

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Catalog	Programmable	Luminous flux from the luminaire (lm)		
designation	Power consumption	**3000K**	**4000K**	**5000K**
SC CITY 08	**10W**	1130	1180	1180
	15W	1625	1705	1705
	20W	2075	2170	2170
SC CITY 12	**15W**	1690	1770	1770
	21W	2440	2550	2550
	29W	3110	3255	3255
SC CITY 16	**19W**	2250	2355	2355
	28W	3235	3385	3385
	37W	4090	4285	4285
SC CITY 24	**27W**	3365	3525	3525
	40W	4840	5070	5070
	53W	6085	6375	6375
SC CITY 16 OPAL	**37W**		2410	
SC CITY 24 OPAL	**53W**		3450	
SC CITY 32 OPAL	**70W**		4550	
SC CITY 48 OPAL 3030 LED	**37W**		2590	
SC CITY 72 OPAL 3030 LED	**53W**		3710	
SC CITY 96 OPAL 3030 LED	**70W**		4900	

Ambient temperature 25 °C. Tolerance of electrical and optical parameters ±7%. To achieve the required illuminance parameters for various projects, contact us to prepare a lighting calculation. All products are subject to continuous development. The supplier reserves the right to change parameters without prior notice. You can obtain current data from your supplier.