



TECHNICAL DATA

Application	surrounding office buildings, parks, pedestrian, parking
Assembly	depending on the type of head: A - pole top mounted or on extension arms with a 60 x 50 mm, B - pole top mounted with a 60 x 180 mm
Ingress protection	IP 66
Optical system	PMMA optics, interchangeable LED module
Material	cap - formed aluminum sheet diffuser - tempered glass luminaire body - aluminum alloy, anodized
Operating temperature range	from -40°C to +40°C
Expected useful lifetime	L90B10 - 100 000 h
CE	+70
Input voltage frequency	50/60Hz
Power factor	≥0.95
Control system	Luminaire has the possibility to connect to an external control system via DALI interface (optionally via analog signal 1-10V).



TABLE OF TYPES

Code	Symbol	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux ¹⁾	Luminaire luminous flux ²⁾	Luminous efficacy ³⁾	Unit volume	Net weight with mounting head type 'A' / 'B'
212130../T1../YC...	RING 2 LED 24	24 W	28 W	500 mA	2700 K	3350 lm	2550 lm	91 lm/W	0,08 m ³	6,6 kg / 7,1 kg
212130../J3../YC...	RING 2 LED 24	24 W	28 W	500 mA	3500 K	3550 lm	2700 lm	96 lm/W	0,08 m ³	6,6 kg / 7,1 kg
212130../A1../YC...	RING 2 LED 24	24 W	28 W	500 mA	4000 K	4050 lm	3050 lm	109 lm/W	0,08 m ³	6,6 kg / 7,1 kg
212130../A1../YC...	RING 2 LED 24	24 W	28 W	500 mA	5000 K	4050 lm	3050 lm	109 lm/W	0,08 m ³	6,6 kg / 7,1 kg
212132../T1../YC...	RING 2 LED 36	36 W	40 W	750 mA	2700 K	4750 lm	3600 lm	90 lm/W	0,08 m ³	6,6 kg / 7,1 kg
212132../J3../YC...	RING 2 LED 36	36 W	40 W	750 mA	3500 K	5100 lm	3850 lm	96 lm/W	0,08 m ³	6,6 kg / 7,1 kg
212132../A1../YC...	RING 2 LED 36	36 W	40 W	750 mA	4000 K	5750 lm	4350 lm	109 lm/W	0,08 m ³	6,6 kg / 7,1 kg
212132../A1../YC...	RING 2 LED 36	36 W	40 W	750 mA	5000 K	5750 lm	4350 lm	109 lm/W	0,08 m ³	6,6 kg / 7,1 kg
212133../T1../YC...	RING 2 LED 48	48 W	55 W	1000 mA	2700 K	6000 lm	4550 lm	83 lm/W	0,08 m ³	6,6 kg / 7,1 kg
212133../J3../YC...	RING 2 LED 48	48 W	55 W	1000 mA	3500 K	6450 lm	4850 lm	88 lm/W	0,08 m ³	6,6 kg / 7,1 kg
212133../A1../YC...	RING 2 LED 48	48 W	55 W	1000 mA	4000 K	7250 lm	5500 lm	100 lm/W	0,08 m ³	6,6 kg / 7,1 kg
212133../A1../YC...	RING 2 LED 48	48 W	55 W	1000 mA	5000 K	7250 lm	5500 lm	100 lm/W	0,08 m ³	6,6 kg / 7,1 kg
212135../T1../YC...	RING 2 LED 72	72 W	79 W	750 mA	2700 K	9400 lm	8050 lm	102 lm/W	0,08 m ³	6,6 kg / 7,1 kg
212135../J3../YC...	RING 2 LED 72	72 W	79 W	750 mA	3500 K	10100 lm	8646 lm	109 lm/W	0,08 m ³	6,6 kg / 7,1 kg
212135../A1../YC...	RING 2 LED 72	72 W	79 W	750 mA	4000 K	11480 lm	9798 lm	124 lm/W	0,08 m ³	6,6 kg / 7,1 kg
212135../A1../YC...	RING 2 LED 72	72 W	79 W	750 mA	5000 K	11480 lm	9798 lm	124 lm/W	0,08 m ³	6,6 kg / 7,1 kg

1) tolerance +/- 5% due to LEDs accuracy

2) exemplary product code 212130/A16/T4/C35 is RING 2 LED 24W 5000K luminaire, where 'A1' is the mounting head type 'A', 'T4' is the T4 optical system, 'C35' is the anodizing color of the C35 luminaire black

3) the weight of the luminaire with the head type 'A' is 6.6 kg / with the head type 'B' is 7.1 kg

DIRECTIVES AND STANDARDS

DIRECTIVES: 2014/35/UE (Official Journal of the UE L 96/257 29.03.2014), 2014/30/UE (Official Journal of the UE L 96/79 29.03.2014), 2011/65/UE, 2009/125/EC

STANDARDS: PN-EN 60598-1: 2015, PN-EN 60598-2-3: 2006, PN-EN 60529: 2003, PN-EN 62262: 2003, PN-EN 62471: 2010, PN-EN 55015: 2013, PN-EN 61547: 2009, PN-EN 61000-3-2: 2014, PN-EN 61000-3-3: 2013

CHARGING DISCHARGE FROM THE LED LUMINAIRE HOUSING

In order to efficient discharge the electrostatic charge from the housing of LED fitting installed on the pole from dielectric material (non-conductive) one of the following solutions is required:

- functional grounding
- LED luminaire with an additional protection device