



shape of shade available in cone and bowl, clear and frosted

DESCRIPTION

Product	Ekra
Housing	LM6 diecast aluminum housing
Bowl	Polycarbonate 88,3% bio-mass, certified ISCC+
Mechanical impact	IK10
Ingress protection	IP 66 sealing level in accordance with EN 60529 nickel plated brass cable gland
Dimensions (diam. x h)	500x400 mm
Weight	8 kg
Windage area	0,1 m²
Electrical class	I or II
Ambient temperature (Ta)	25°C
RAL color	9007 (other colors on request)
Pre-wired	5 meter ext. H07RN-F 3G1mm (or class-II 2x 1,5mm)

DRIVERS

Power	220 V / 240 V - 50 Hz / 60 Hz / integrated 10 kV overvoltage protection
Brand	Philips / Tridonic
Power factor	90% minimum
THD	10% maximum (Full load)
Current	Constant current
Lifespan	5% failure at 100 000 hours
Control	DALI-2, 1-10V* * depending on driver model
Lifespan	5% failure at 100 000 hours

LED SOURCES

Sources	LUXEON 3030 2D square cup Rbin
Colour temperature (K)	2700K, 3000K, 4000K, 5000K (others on request)
CRI	> 70 (others upon request)
Luminaire SDCM	<5
LED lifespan	L95 > 100 000 h
Optics and light distribution options	60, 61, 62, 63
Photobiology	RG1 (3000 K/4000k)

STANDARD / MARKING / CERTIFICATIONS

CE, marking requirements :

Directive 2014/35/EU, Low voltage Directive

Directive 2014/130/EU Electromagnetic Compatibility

Directive 2011/65/EU (RoHS)

ENEC; ENEC+, ZD4i

Compliance

SMART (options)

Dimming	✓
Zhaga	✓
NEMA	✓

MECHANICAL INTERFACES

Top (60 and 76 mm)

* 48mm is available for extra request



MAXIMUM PERFORMANCES

	Ekra 20/40 - Without optic, quare cup, Rbin		
	Flux ^(A) at 600 mA (lm)	Power ^(B) (W)	Efficiency (lm/W)
4000 K	2400	16	150
3000 K	2250	16	140
2700 K	1890	16	118

* (A) The maximum lumen of Ekra 40 up to 5000lm; (B) Ekra DC class III is available for extra request

MAINTENANCE

Maintenance

See handbook

OPTIONAL

External SPD	10kV class-3 SPD
Comfort filters	set of 4 frosted PC filters for insert ledboard
backlight blocker 1	set of 4 frosted PC filters 1/4 dark, for insert ledboard
backlight blockers 2	ALU profile, set of 4
suitable for DC-grid	197-370Vdc
Ekra 40	output up to 4500 lumen

WARRANTY

5 years

