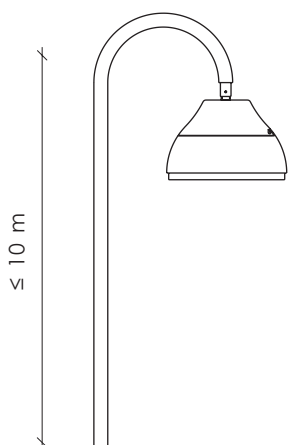


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ACORN
DECO

CE RoHS

Acorn deco



Technical information



IP54

IK08



V	220 - 240	1-10V; DALI; Midnight dimming
Hz	50 - 60	Chromaticity tolerance (initial MacAdam): 5
W	18 - 75	Warranty 5 years
lm	1970 - 9440	100 000 h (L90B10) at Ta = 25 °C ⁽³⁾
lm/W	120 - 135	
K	3000 / 4000 ⁽¹⁾	
°C	-40 to +40	<i>Surge protection:</i> 6kV (L-N) and 10 kV (L/N -PE without DALI connection) ⁽⁴⁾
CRI	>70 / >80 ⁽²⁾	<i>Intelligent light control system:</i> Radio frequency ⁽⁵⁾

(1) 5000; 5700 K available on request

(2) Luminaries with color rendering index (CRI): Ra >90 on request

(3) at Ta=25°, this value is only informative and may change according to selected article.

(4) 10 kV (L-N; L/N-PE) surge protection device available on request

(5) Optional. Available only with DALI ; 1 - 10 V

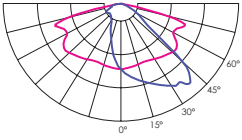
Standard modules

4000K

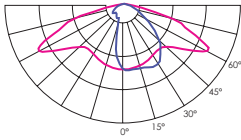
Number of LED's	16			36		
	350	500	700	350	500	700
Nominal current, mA	350	500	700	350	500	700
Power, W	18	26	35	39	55	75
Luminous Flux, lm	2260	3230	4280	5260	7240	9440
Efficacy, lm/W	126	124	122	135	132	126
Power factor, PF	0,9	0,95	0,97	0,95	0,98	0,98

Optics

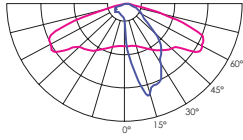
01



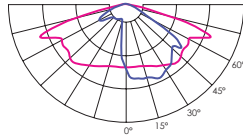
02



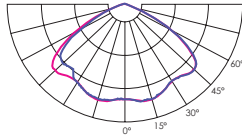
04



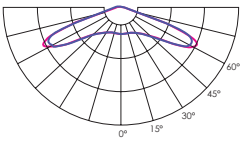
05



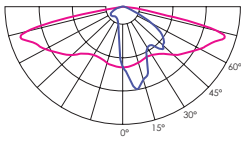
10



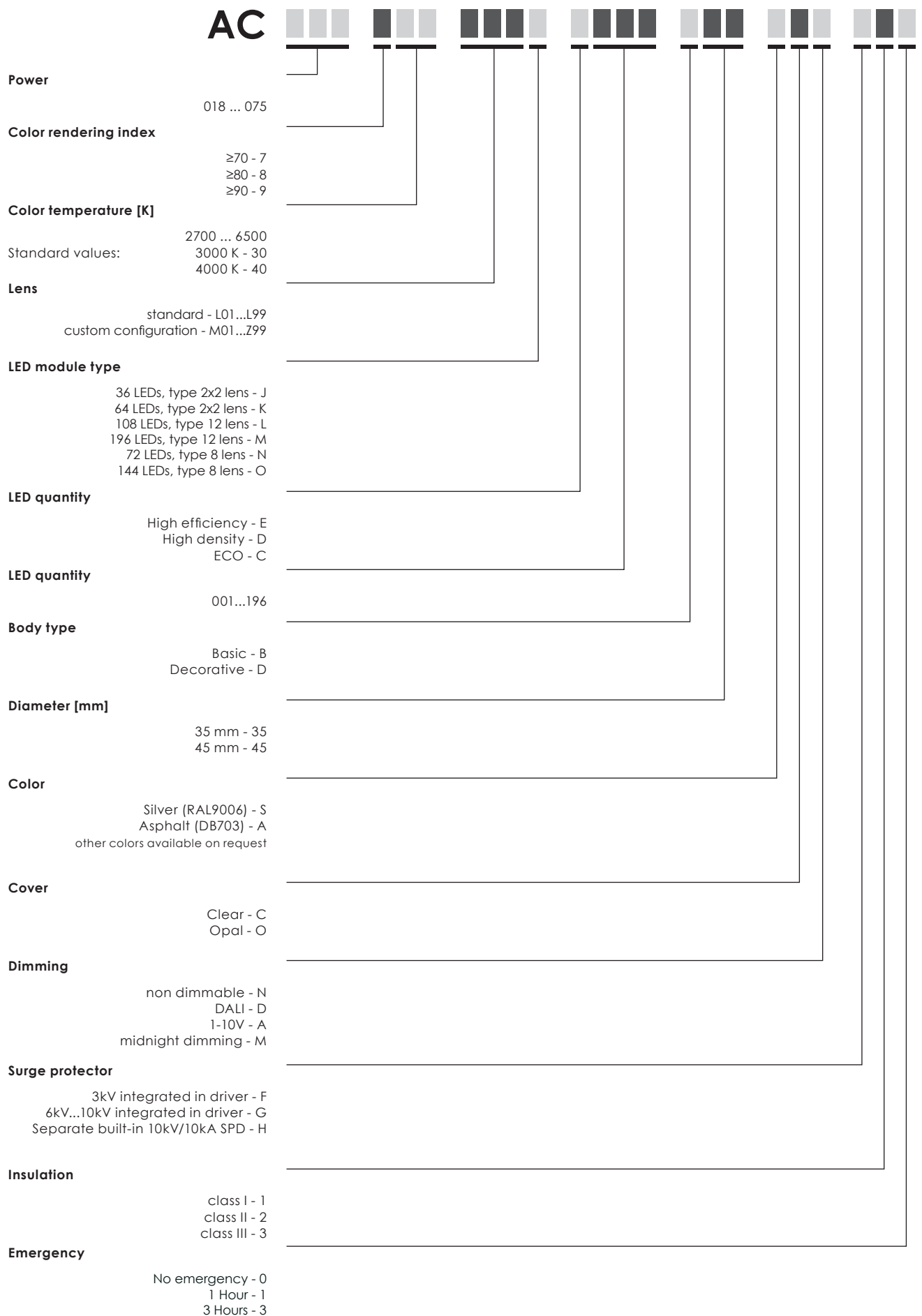
20



22



Model name principles

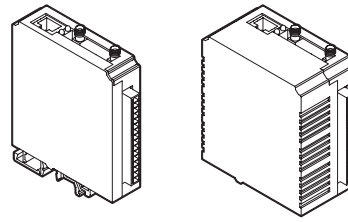


Accessories

Citintelly Segment controller

Art. 70010004

Segment Controller receives commands from Citintelly server via GSM and transmits tasks to Luminaire Controller via radio frequency communication.

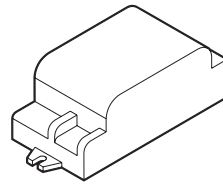


Citintelly Luminaire controller

Luminaire Controller is wireless mesh-networking device that uses 868 MHz for communication with Segment Controller and other Luminaire Controllers. It is delivered in various configurations to meet the needs of your applications.

Art. 70010001 /
LC2M-23-05-R Luminaire
Controller - 2 relays

Art. 70010002 /
LC2M-12-05-R Luminaire
Controller - 1 relay



Citintelly Surge Protection device

Art. 70020001

Surge Protection device offers protection against lighting surges;

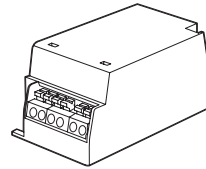
Voltage Protection level up (L-N) $\leq 1,5$ kV

Voltage Protection level up (L/N-PE) $\leq 2,0$ kV

$U_{oc} = 10$ kV

$I_{max} = 10$ kA

$I_{nom} = 5$ kA



Radio Frequency Antenna

Art. 70000108

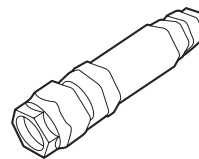
Heavy duty IP67 enclosure
Mounted in cabinet or luminaire body
with 14 mm screw
SMA connector



Connector

Art. 70000313

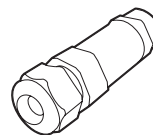
IP66 rated connector offers easy installation of
the street luminaires.
3 wire cable connector



Connector

Art. 70000304

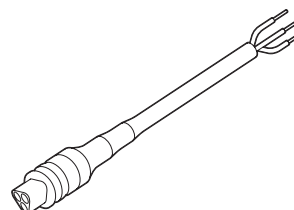
IP66 rated connector offers easy installation of
the street luminaires.
5 wire cable connector



Connection cable

Art. 70000363

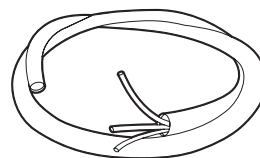
Male - free end, length 1m, RST20i3, 3 pole, 250V, 16A,
cable type H05VV, cross section 1,5mm²



Pre-installed cable sets

For internal power supply:

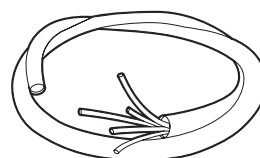
3 x 1,5 mm - 0,5 m long cable.....	Art. 70000319
3 x 1,5 mm - 5 m long cable.....	Art. 70000320
3 x 1,5 mm - 6 m long cable.....	Art. 70000321
3 x 1,5 mm - 8 m long cable.....	Art. 70000322
3 x 1,5 mm - 10 m long cable.....	Art. 70000323
3 x 1,5 mm - 12 m long cable.....	Art. 70000324
3 x 1,5 mm - 18 m long cable.....	Art. 70000325
3 x 1,5 mm - 20 m long cable.....	Art. 70000425
3 x 1,5 mm - 22 m long cable.....	Art. 70000426
3 x 1,5 mm - 25 m long cable.....	Art. 70000427
3 x 1,5 mm - 32 m long cable.....	Art. 70000430
3 x 1,5 mm - 42 m long cable.....	Art. 70000431
3 x 1,5 mm - 50 m long cable.....	Art. 70000432



Pre-installed cable sets

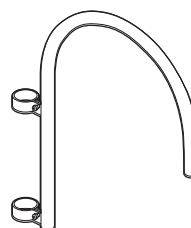
For internal power supply:

5 x 1,5 mm - 0,5 m long cable.....	Art. 70000305
5 x 1,5 mm - 5 m long cable.....	Art. 70000316
5 x 1,5 mm - 6 m long cable.....	Art. 70000317
5 x 1,5 mm - 8 m long cable.....	Art. 70000318
5 x 1,5 mm - 10 m long cable.....	Art. 70000306
5 x 1,5 mm - 12 m long cable.....	Art. 70000307
5 x 1,5 mm - 18 m long cable.....	Art. 70000308
5 x 1,5 mm - 20 m long cable.....	Art. 70000428
5 x 1,5 mm - 22 m long cable.....	Art. 70000429
5 x 1,5 mm - 25 m long cable.....	Art. 70000429
5 x 1,5 mm - 32 m long cable.....	Art. 70000433
5 x 1,5 mm - 42 m long cable.....	Art. 70000434
5 x 1,5 mm - 50 m long cable.....	Art. 70000435



Console

Art. 70054001



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