

VIZULO

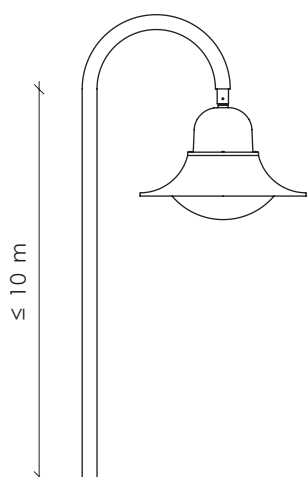
BELL

CE RoHS

KEMA  
KEUR

05

# Bell



## Technical information



<b>V</b>	220 - 240	1-10V; DALI; Midnight dimming
<b>Hz</b>	50 - 60	Chromaticity tolerance (initial MacAdam): 5
<b>W</b>	15 - 82	Warranty 5 years
<b>lm</b>	1375 - 10780	>70 000 h (L90B10) at Ta = 25 °C <sup>(2)</sup>
<b>lm/W</b>	120 - 138	
<b>K</b>	3000 / 4000	
<b>°C</b>	-40 to +40	<i>Surge protection:</i> 6kV (L-N) and 10 kV (L/N -PE without DALI connection) <sup>(3)</sup>
<b>CRI</b>	>70 / >80 <sup>(1)</sup>	<i>Intelligent light control system:</i> Radio frequency / Power line

<sup>(1)</sup> Luminaries with color rendering index (CRI): Ra >90 on request

<sup>(2)</sup> This value is only informative and may change according to selected article

<sup>(3)</sup> 10 kV ( L-N; L/N-PE ) surge protection device available on request

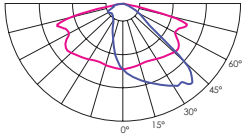
## Standard modules

4000K

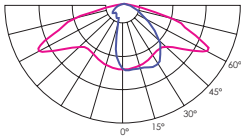
Number of LED's	16			32			48		
<b>Nominal current, mA</b>	270	520	720	370	520	690	350	520	570
<b>Power, W</b>	15	27	37	37	51	68	53	75	82
<b>Luminous Flux, lm</b>	1910	3460	4600	5060	6860	8670	7290	9960	10780
<b>Efficacy, lm/W</b>	127	128	124	137	135	128	138	133	131
<b>Power factor, PF</b>	0,85	0,95	0,97	0,95	0,97	0,97	0,96	0,98	0,98

# Optics

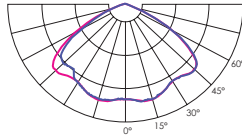
01



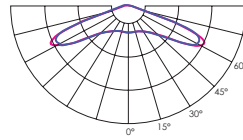
02



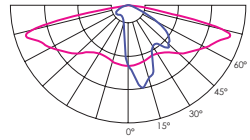
10



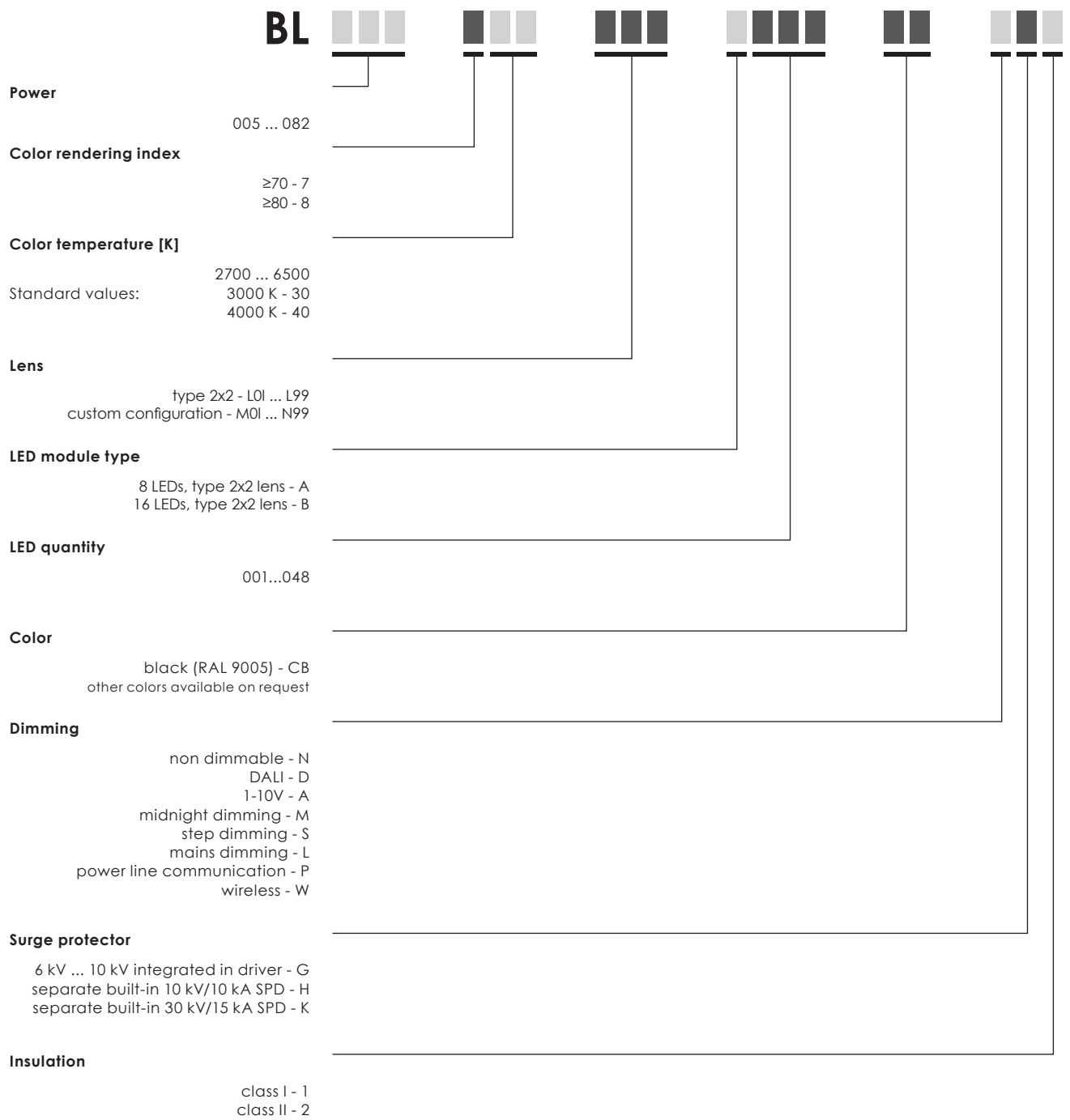
20



22



# Model name principles

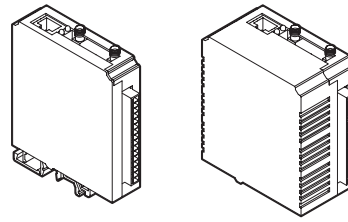


# Accessories

## Citintelly Segment controller

Art. 70010004

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

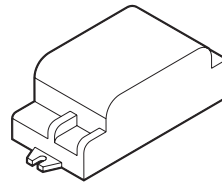


## Citintelly Luminaire controller

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;

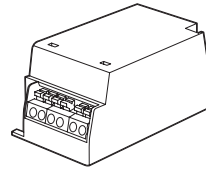
Voltage Protection level up (L-N)  $\leq 1,5$  kV

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

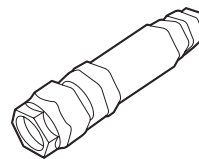
Heavy duty IP67 enclosure  
Mounted in cabinet or luminaire body  
with 14 mm screw  
SMA connector



## Connector

Art. 70000313

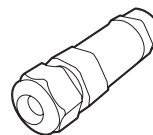
IP66 rated connector offers easy installation of  
the street luminaires.  
3 wire cable connector



## Connector

Art. 70000304

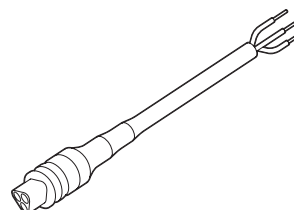
IP66 rated connector offers easy installation of  
the street luminaires.  
5 wire cable connector



## Connection cable

Art. 70000363

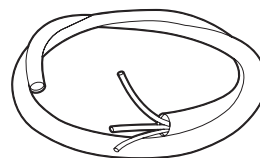
Male - free end, length 1m, RST20i3, 3 pole, 250V, 16A,  
cable type H05VV, cross section 1,5mm<sup>2</sup>



### Pre-installed cable sets

For internal power supply:

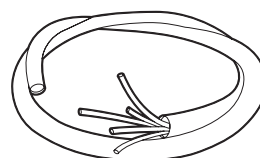
3 x 1,5 mm - 0,5 m long cable.....	Art. 70000319
3 x 1,5 mm - 5 m long cable.....	Art. 70000320
3 x 1,5 mm - 6 m long cable.....	Art. 70000321
3 x 1,5 mm - 8 m long cable.....	Art. 70000322
3 x 1,5 mm - 10 m long cable.....	Art. 70000323
3 x 1,5 mm - 12 m long cable.....	Art. 70000324
3 x 1,5 mm - 18 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

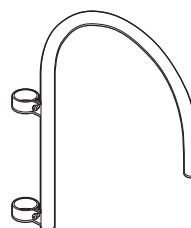
For internal power supply:

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



## VIZULO

Starta street 1  
Riga, LV – 1026, Latvia

Sales: + 371 67 383 023  
Production: + 371 67 383 024

office@vizulo.com  
www.vizulo.com

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