












# ROSA Cuddle Ii LED Reg Owner’s Manual

[Home](#) » [ROSA](#) » ROSA Cuddle Ii LED Reg Owner’s Manual 

ROSA Cuddle Ii LED Reg  
Owner's Manual

## CUDDLE II LED REG 60





DALI

TECHNICAL DATA

<b>Application</b>	urban roads, residential roads (internal), pedestrians, parkings
<b>Assembly</b>	-
<b>Colour</b>	inox / black
<b>Ingress protection</b>	IP 66 for the optical part and the driver
<b>Optical system</b>	PMMA optics, interchangeable LED module, PC-UV diffuser
<b>Material</b>	anodised aluminium alloy
<b>Operating temperature range</b>	from -40°C to +40°C
<b>Expected useful lifetime</b>	L90B10 - 100 000 h
<b>CRI</b>	>70
<b>Inrush current</b>	46A / 250µs
<b>Input voltage frequency</b>	50/60Hz
<b>Power factor</b>	≥0.95
<b>Number of LED</b>	24
<b>Control system</b>	Luminaire has the possibility to connect to an external control system via DALI interface (optionally via analog signal 1- 10V).

Code	Symbol	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux <sup>1</sup>	Luminaire luminous flux <sup>1</sup>	Luminous efficacy <sup>1</sup>	Unit volume	Net weight
2223134/4/... <sup>2</sup>	CUDDLE II LED REG 60	60 W	67 W	830 mA	4000 K	10050 lm	8550 lm	128 lm/W	0.024 m³	6 kg

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

2) symbol of chosen optical system eg. 2223133/6/T2 is CUDDLE II LED REG 48 5000K with T2 optical system

## DIRECTIVES AND STANDARDS

**DIRECTIVES:** 2014/35/UE (Official Journal of the UE L 96/357 29.03.2014), 2014/30/UE (Official Journal of the UE L 96/79 29.03.2014), 2011/65/UE, 2009/125/EC **STANDARDS:** –

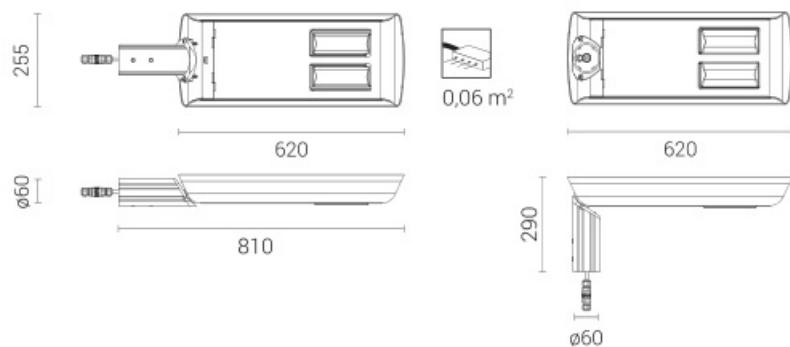
## CHARGING DISCHARGE FROM THE LED LUMINAIRE HOUSING

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

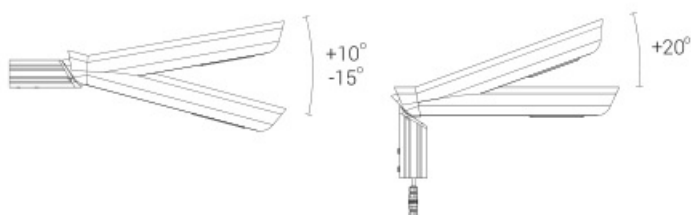
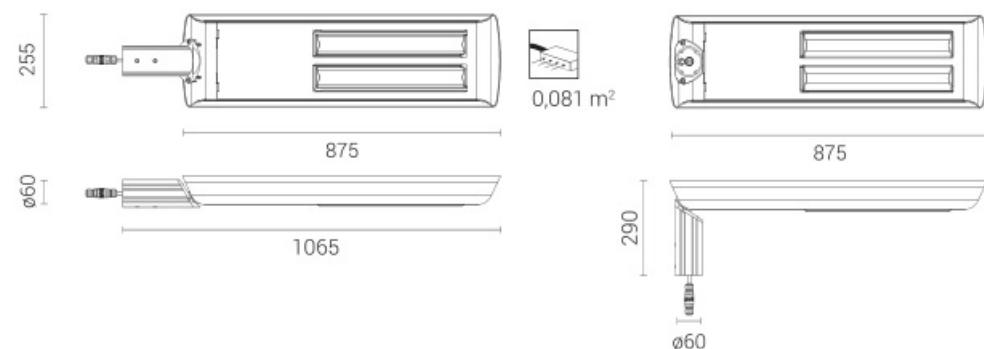
- functional grounding
- LED luminaire with an additional protection device

## TECHNICAL DRAWING

## CUDDLE II LED REG 48W, 60W, 72W

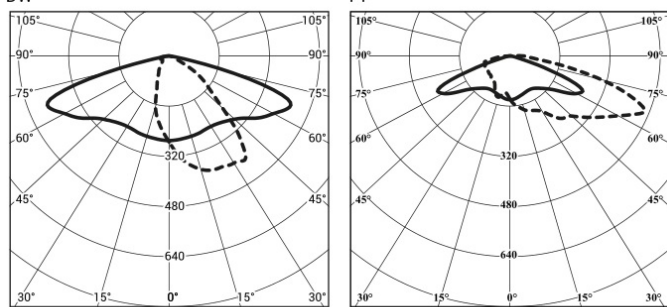


## CUDDLE II LED REG 96W, 120W, 144W, 192W



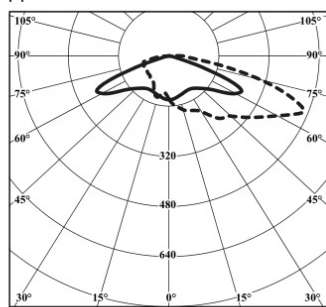
## PHOTOMETRIC CURVES

DW



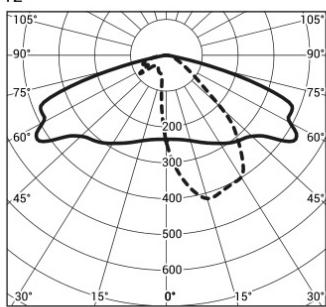
cd/klm  
— C0 - C180    --- C90 - C270

T4



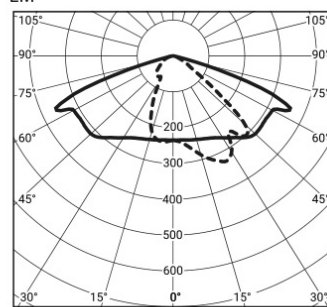
cd/klm  
— C0 - C180    --- C90 - C270

T2



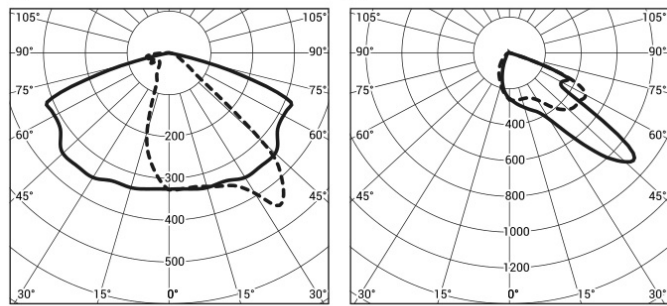
cd/klm  
— C0 - C180    --- C90 - C270

LM



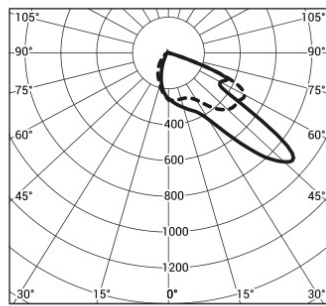
cd/klm  
— C0 - C180    --- C90 - C270

ME



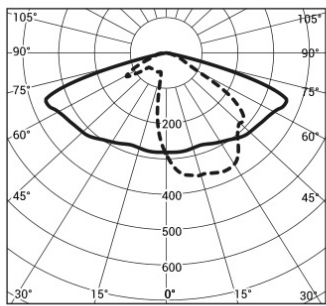
cd/klm  
— C0 - C180    --- C90 - C270

PP



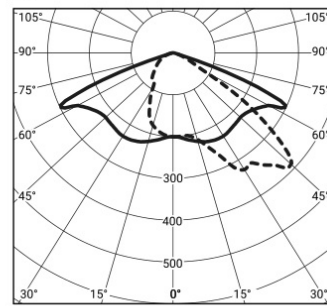
cd/klm  
— C0 - C180    --- C90 - C270

T3



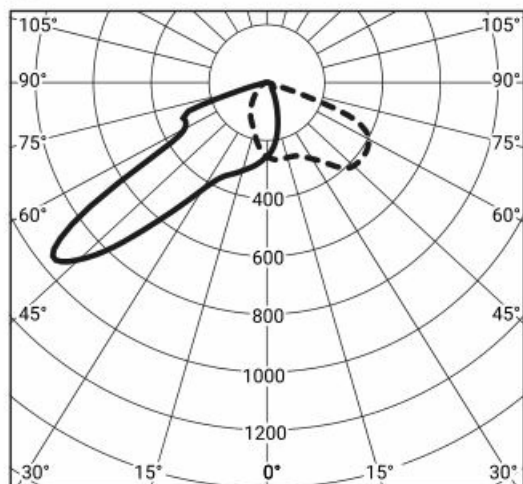
cd/klm  
— C0 - C180    --- C90 - C270

LW



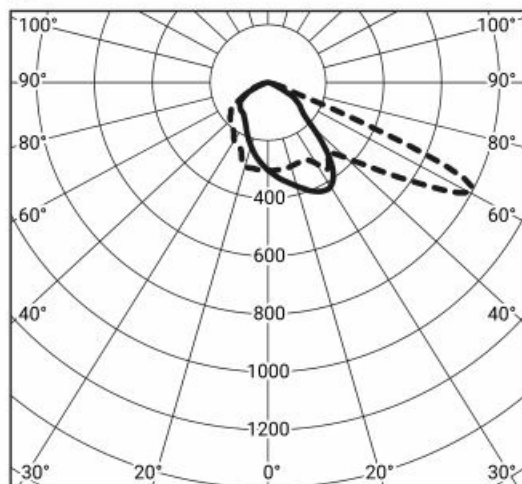
cd/klm  
— C0 - C180    --- C90 - C270

PL



cd/klm  
— C0 - C180    --- C90 - C270

P2



cd/klm  
— C0 - C180    --- C90 - C270

## POWER SYSTEM FUNCTIONS

Luminaire in standard has following functions of intelligent power supply:

- Connection to outside control system by DALI interface (operation of analog signal 1-10V as an option),
- Possibility of programming multistage dimming of luminaire, up to 5 intervals in the range of from 10 to 100% of nominal power,
- Temperature protection of LED module (from overheating) in case of unintentional luminaire operation during the,
- Regulation of power / luminous flux – the option of setting another value than the catalogue in the range of 30-100% of nominal one,

## ACCETABLE QUANTITY OF LUMINAIRES ON ONE CIRCUIT

Overcurrent switches MCB type B or C

Luminaire	Typ	2A	4A	6A	10A	16A	20A	25A
CUDDLE II LED REG 48, 60, 72W	B	1	2	4	6	11	13	17
	C	1	4	6	11	18	22	28
CUDDLE II LED REG 96, 120, 144W	B	1	1	3	5	8	12	12
	C	1	3	5	8	13	16	20
CUDDLE II LED REG 192W	B	0	1	2	4	8	10	12
	C	1	2	4	6	13	16	18

Fuse – type gG and GL

Luminaire	2A	4A	6A	10A	16A	20A	25A
CUDDLE II LED REG 48, 60, 72W	1	2	11	19	30	38	47
CUDDLE II LED REG 96, 120, 144W	1	1	6	9	15	19	24
CUDDLE II LED REG 192W	0	1	4	7	12	15	19


Zakład Produkcji Sprzętu Oświetleniowego „ROSA” Sp. z o.o.  
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Contents

- 1 Documents / Resources
- 1.1 References

Documents / Resources

	<p><a href="#">ROSA Cuddle li LED Reg</a> [pdf] Owner's Manual Cuddle li LED Reg, LED Reg, Reg</p>
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References

- [User Manual](#)