



Application: residential roads (internal), surrounding office buildings, parks, pedestrians, parkings

Ingress protection: IP 66 for the optical part and the driver

Material: anodised aluminium alloy

Colour: inox / grey

Optical system: PMMA optics, interchangeable LED module

Operating temperature range: from -40°C to +55°C

Number of LEDs: 24 for 2 x 24W, 2 x 36W; 48 for 2 x 48W, 2 x 72W

Operating temperature range: from -40°C to +55°C

Expected useful lifetime: L90F10 – 50 000 h, L80F20 – 100 000 h

CRI: >70 for 5000K, 4000K; >80 for 3500K, 2700K

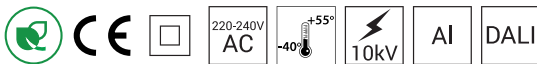
Input voltage frequency: 50 - 60Hz

Power factor: ≥ 0.95

Inrush current: : 42A / 225 μ s for 2 x 24W, 2 x 36W; 92A / 250 μ s for 2 x 48W, 2 x 72W

Concrete footing / reinforcement basket type: B-50 / Z-50 for CUT-4, 5 LED; B-71, B-70 / Z-71, Z-70 for CUT-6, 7, 8 LED

Luminaire CUT II LED has the possibility to connect to an external control system via DALI interface (optionally via analog signal 1- 10V).



Code	Symbol	Height [H]	LED power	Luminaire Power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux ²⁾	Luminaire luminous flux ²⁾	Luminous efficacy	Unit volume	Net weight
2106330/1/...¹⁾	CUT-II-4 LED 24	4m	2 x 24W	2 x 28W	700mA	2700K	2 x 3600lm	2 x 2750lm	99lm/W	0,5m ³	44,5kg
2106330/3/...¹⁾	CUT-II-4 LED 24	4m	2 x 24W	2 x 28W	700mA	3500K	2 x 3700lm	2 x 2850lm	102lm/W	0,5m ³	44,5kg
2106330/4/...¹⁾	CUT-II-4 LED 24	4m	2 x 24W	2 x 28W	700mA	4000K	2 x 4200lm	2 x 3200lm	115lm/W	0,5m ³	44,5kg
2106330/6/...¹⁾	CUT-II-4 LED 24	4m	2 x 24W	2 x 28W	700mA	5000K	2 x 4250lm	2 x 3250lm	117lm/W	0,5m ³	44,5kg
2106332/1/...¹⁾	CUT-II-4 LED 36	4m	2 x 36W	2 x 40W	1000mA	2700K	2 x 4900lm	2 x 3750lm	94lm/W	0,5m ³	44,5kg
2106332/3/...¹⁾	CUT-II-4 LED 36	4m	2 x 36W	2 x 40W	1000mA	3500K	2 x 5100lm	2 x 3950lm	99lm/W	0,5m ³	44,5kg
2106332/4/...¹⁾	CUT-II-4 LED 36	4m	2 x 36W	2 x 40W	1000mA	4000K	2 x 5800lm	2 x 4500lm	113lm/W	0,5m ³	44,5kg
2106332/6/...¹⁾	CUT-II-4 LED 36	4m	2 x 36W	2 x 40W	1000mA	5000K	2 x 5900lm	2 x 4600lm	115lm/W	0,5m ³	44,5kg
2106333/1/...¹⁾	CUT-II-4 LED 48	4m	2 x 48W	2 x 55W	700mA	2700K	2 x 7050lm	2 x 5350lm	98lm/W	0,5m ³	44,5kg
2106333/3/...¹⁾	CUT-II-4 LED 48	4m	2 x 48W	2 x 55W	700mA	3500K	2 x 7350lm	2 x 5650lm	103lm/W	0,5m ³	44,5kg
2106333/4/...¹⁾	CUT-II-4 LED 48	4m	2 x 48W	2 x 55W	700mA	4000K	2 x 8400lm	2 x 6350lm	116lm/W	0,5m ³	44,5kg
2106333/6/...¹⁾	CUT-II-4 LED 48	4m	2 x 48W	2 x 55W	700mA	5000K	2 x 8450lm	2 x 6410lm	117lm/W	0,5m ³	44,5kg
2106030/1/...¹⁾	CUT-II-5 LED 24	5m	2 x 24W	2 x 28W	700mA	2700K	2 x 3600lm	2 x 2750lm	99lm/W	0,6m ³	50,5kg
2106030/3/...¹⁾	CUT-II-5 LED 24	5m	2 x 24W	2 x 28W	700mA	3500K	2 x 3700lm	2 x 2850lm	102lm/W	0,6m ³	50,5kg
2106030/4/...¹⁾	CUT-II-5 LED 24	5m	2 x 24W	2 x 28W	700mA	4000K	2 x 4200lm	2 x 3200lm	115lm/W	0,6m ³	50,5kg
2106030/6/...¹⁾	CUT-II-5 LED 24	5m	2 x 24W	2 x 28W	700mA	5000K	2 x 4250lm	2 x 3250lm	117lm/W	0,6m ³	50,5kg
2106032/1/...¹⁾	CUT-II-5 LED 36	5m	2 x 36W	2 x 40W	1000mA	2700K	2 x 4900lm	2 x 3750lm	94lm/W	0,6m ³	50,5kg
2106032/3/...¹⁾	CUT-II-5 LED 36	5m	2 x 36W	2 x 40W	1000mA	3500K	2 x 5100lm	2 x 3950lm	99lm/W	0,6m ³	50,5kg
2106032/4/...¹⁾	CUT-II-5 LED 36	5m	2 x 36W	2 x 40W	1000mA	4000K	2 x 5800lm	2 x 4500lm	113lm/W	0,6m ³	50,5kg
2106032/6/...¹⁾	CUT-II-5 LED 36	5m	2 x 36W	2 x 40W	1000mA	5000K	2 x 5900lm	2 x 4600lm	115lm/W	0,6m ³	50,5kg

Code	Symbol	Height [H]	LED power	Luminaire Power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux	Luminaire luminous flux	Luminous efficacy	Unit volume	Net weight
2106033/1/...¹⁾	CUT-II-5 LED 48	5m	2 x 48W	2 x 55W	700mA	2700K	2 x 7050lm	2 x 5350lm	98lm/W	0,6m ³	50,5kg
2106033/3/...¹⁾	CUT-II-5 LED 48	5m	2 x 48W	2 x 55W	700mA	3500K	2 x 7350lm	2 x 5650lm	103lm/W	0,6m ³	50,5kg
2106033/4/...¹⁾	CUT-II-5 LED 48	5m	2 x 48W	2 x 55W	700mA	4000K	2 x 8400lm	2 x 6350lm	116lm/W	0,6m ³	50,5kg
2106033/6/...¹⁾	CUT-II-5 LED 48	5m	2 x 48W	2 x 55W	700mA	5000K	2 x 8450lm	2 x 6410lm	117lm/W	0,6m ³	50,5kg
2106633/1/...¹⁾	CUT-II-6 LED 48	6m	2 x 48W	2 x 55W	700mA	2700K	2 x 7050lm	2 x 5350lm	98lm/W	1,2m ³	70kg
2106633/3/...¹⁾	CUT-II-6 LED 48	6m	2 x 48W	2 x 55W	700mA	3500K	2 x 7350lm	2 x 5650lm	103lm/W	1,2m ³	70kg
2106633/4/...¹⁾	CUT-II-6 LED 48	6m	2 x 48W	2 x 55W	700mA	4000K	2 x 8400lm	2 x 6350lm	116lm/W	1,2m ³	70kg
2106633/6/...¹⁾	CUT-II-6 LED 48	6m	2 x 48W	2 x 55W	700mA	5000K	2 x 8450lm	2 x 6410lm	117lm/W	1,2m ³	70kg
2106635/1/...¹⁾	CUT-II-6 LED 72	6m	2 x 72W	2 x 79W	1000mA	2700K	2 x 9450lm	2 x 7200lm	92lm/W	1,2m ³	70kg
2106635/3/...¹⁾	CUT-II-6 LED 72	6m	2 x 72W	2 x 79W	1000mA	3500K	2 x 9900lm	2 x 7600lm	97lm/W	1,2m ³	70kg
2106635/4/...¹⁾	CUT-II-6 LED 72	6m	2 x 72W	2 x 79W	1000mA	4000K	2 x 11250lm	2 x 8550lm	109lm/W	1,2m ³	70kg
2106635/6/...¹⁾	CUT-II-6 LED 72	6m	2 x 72W	2 x 79W	1000mA	5000K	2 x 11450lm	2 x 8700lm	111lm/W	1,2m ³	70kg
2106733/1/...¹⁾	CUT-II-7 LED 48	7m	2 x 48W	2 x 55W	700mA	2700K	2 x 7050lm	2 x 5350lm	98lm/W	1,4m ³	77kg
2106733/3/...¹⁾	CUT-II-7 LED 48	7m	2 x 48W	2 x 55W	700mA	3500K	2 x 7350lm	2 x 5650lm	103lm/W	1,4m ³	77kg
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2106735/6/...¹⁾	CUT-II-7 LED 72	7m	2 x 72W	2 x 79W	1000mA	5000K	2 x 11450lm	2 x 8700lm	111lm/W	1,4m ³	77kg
2106433/1/...¹⁾	CUT-II-8 LED 48	8m	2 x 48W	2 x 55W	700mA	2700K	2 x 7050lm	2 x 5350lm	98lm/W	1,6m ³	83,5kg
2106433/3/...¹⁾	CUT-II-8 LED 48	8m	2 x 48W	2 x 55W	700mA	3500K	2 x 7350lm	2 x 5650lm	103lm/W	1,6m ³	83,5kg
2106433/4/...¹⁾	CUT-II-8 LED 48	8m	2 x 48W	2 x 55W	700mA	4000K	2 x 8400lm	2 x 6350lm	116lm/W	1,6m ³	83,5kg
2106433/6/...¹⁾	CUT-II-8 LED 48	8m	2 x 48W	2 x 55W	700mA	5000K	2 x 8450lm	2 x 6410lm	117lm/W	1,6m ³	83,5kg
2106435/1/...¹⁾	CUT-II-8 LED 72	8m	2 x 72W	2 x 79W	1000mA	2700K	2 x 9450lm	2 x 7200lm	92lm/W	1,6m ³	83,5kg
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2106435/4/...¹⁾	CUT-II-8 LED 72	8m	2 x 72W	2 x 79W	1000mA	4000K	2 x 11250lm	2 x 8550lm	109lm/W	1,6m ³	83,5kg
2106435/6/...¹⁾	CUT-II-8 LED 72	8m	2 x 72W	2 x 79W	1000mA	5000K	2 x 11450lm	2 x 8700lm	111lm/W	1,6m ³	83,5kg

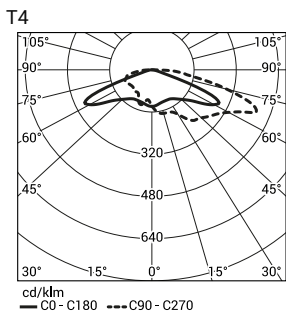
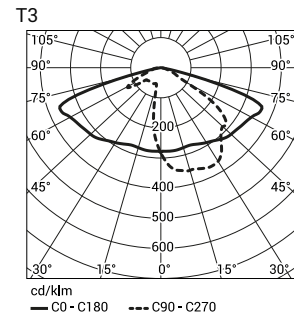
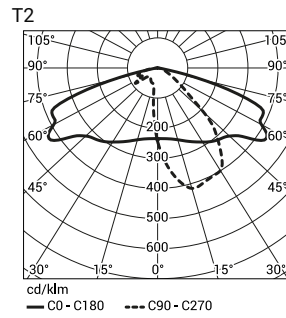
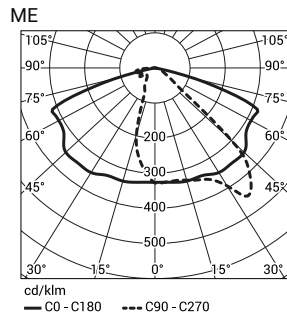
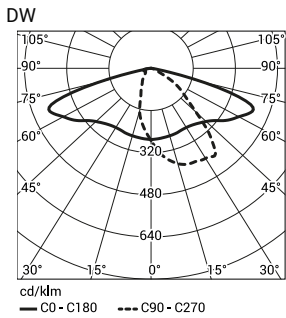
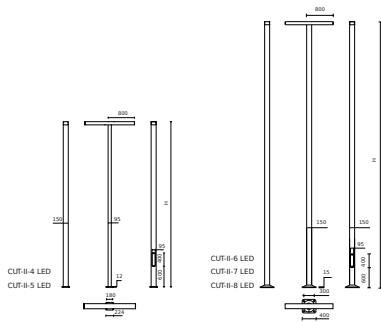
1) Symbol of chosen optical system eg. 2106330/6/T2 is CUT-II-4 LED 24 5000K with T2 optical system

2) tolerance +/- 3% due to LEDs accuracy

Directive: 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

Product can be anodized in 10 colours, with gloss option

Finish: option of elastomer protection in the colour of LED lighting sets up to the height of 350 mm (as standard for CI63, CI65, CI75, CI78 interference colors)



Luminaire CUT II LED 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,

Acceptable quantity of luminaires CUT II LED on one circuit, protected by:

Overcurrent switches MCB type B or C

Luminaire	Typ	2A	4A	6A	10A	16A	20A	25A
CUT LED 24, 36W	B	1	2	5	8	14	16	20
	C	1	5	7	13	22	27	33
CUT LED 48, 72W	B	0	1	2	3	5	6	8
	C	0	2	3	5	9	11	14

Fuse – type gG and GL

Luminaire	2A	4A	6A	10A	16A	20A	25A
CUT LED 24, 36W	2	4	7	12	19	25	31
CUT LED 48, 72W	0	1	5	9	15	19	23