



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: 12 for 24W, 36W; 24 for 48W, 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

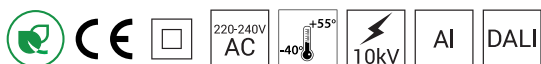
Input voltage frequency: 50 - 60Hz

Power factor: ≥0.95

Inrush current: : 21A / 225µs for 24W, 36W; 46A / 250µs for 48W, 72W

Concrete footing / reinforcement basket type: B-50 / Z-50 for CUT-3, 4, 5 LED; B-71, B-70 / Z-71, Z-70 for CUT-6, 7, 8 LED

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

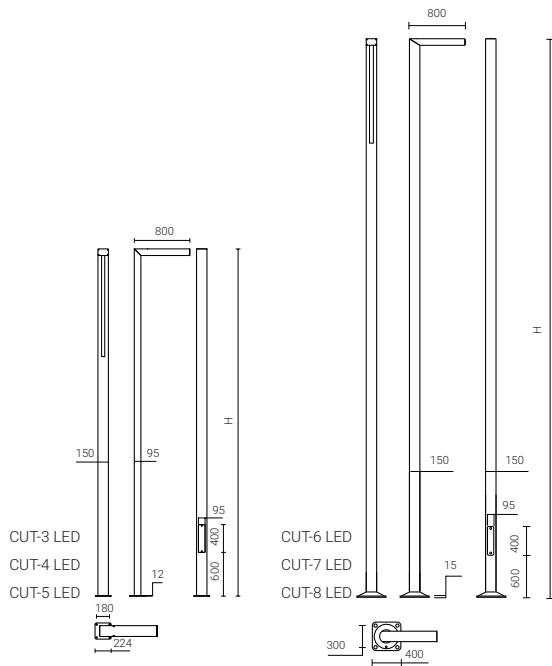


Code	Symbol	Height [H]	LED power	Luminaire Power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux 2)	Luminaire luminous flux 2)	Luminous efficacy	Unit volume	Net weight
216230/1/... ¹⁾	CUT-3 LED 24	3m	24W	28W	700mA	2700K	3 600lm	2750lm	99lm/W	0,4m ³	31kg
216230/3/... ¹⁾	CUT-3 LED 24	3m	24W	28W	700mA	3500K	3 700lm	2850lm	102lm/W	0,4m ³	31kg
216230/4/... ¹⁾	CUT-3 LED 24	3m	24W	28W	700mA	4000K	4 200lm	3200lm	115lm/W	0,4m ³	31kg
216230/6/... ¹⁾	CUT-3 LED 24	3m	24W	28W	700mA	5000K	4 250lm	3250lm	117lm/W	0,4m ³	31kg
216232/1/... ¹⁾	CUT-3 LED 36	3m	36W	40W	1000mA	2700K	4 900lm	3750lm	94lm/W	0,4m ³	31kg
216232/3/... ¹⁾	CUT-3 LED 36	3m	36W	40W	1000mA	3500K	5 100lm	3950lm	99lm/W	0,4m ³	31kg
216232/4/... ¹⁾	CUT-3 LED 36	3m	36W	40W	1000mA	4000K	5 800lm	4500lm	113lm/W	0,4m ³	31kg
216232/6/... ¹⁾	CUT-3 LED 36	3m	36W	40W	1000mA	5000K	5 900lm	4600lm	115lm/W	0,4m ³	31kg
216330/1/... ¹⁾	CUT-4 LED 24	4m	24W	28W	700mA	2700K	3 600lm	2750lm	99lm/W	0,5m ³	37,5kg
216330/3/... ¹⁾	CUT-4 LED 24	4m	24W	28W	700mA	3500K	3 700lm	2850lm	102lm/W	0,5m ³	37,5kg
216330/4/... ¹⁾	CUT-4 LED 24	4m	24W	28W	700mA	4000K	4 200lm	3200lm	115lm/W	0,5m ³	37,5kg
216330/6/... ¹⁾	CUT-4 LED 24	4m	24W	28W	700mA	5000K	4 250lm	3250lm	117lm/W	0,5m ³	37,5kg
216332/1/... ¹⁾	CUT-4 LED 36	4m	36W	40W	1000mA	2700K	4 900lm	3750lm	94lm/W	0,5m ³	37,5kg
216332/3/... ¹⁾	CUT-4 LED 36	4m	36W	40W	1000mA	3500K	5 100lm	3950lm	99lm/W	0,5m ³	37,5kg
216332/4/... ¹⁾	CUT-4 LED 36	4m	36W	40W	1000mA	4000K	5 800lm	4500lm	113lm/W	0,5m ³	37,5kg
216332/6/... ¹⁾	CUT-4 LED 36	4m	36W	40W	1000mA	5000K	5 900lm	4600lm	115lm/W	0,5m ³	37,5kg
216333/1/... ¹⁾	CUT-4 LED 48	4m	48W	55W	700mA	2700K	7 050lm	5350lm	98lm/W	0,5m ³	37,5kg
216333/3/... ¹⁾	CUT-4 LED 48	4m	48W	55W	700mA	3500K	7 350lm	5650lm	103lm/W	0,5m ³	37,5kg
216333/4/... ¹⁾	CUT-4 LED 48	4m	48W	55W	700mA	4000K	8 400lm	6350lm	116lm/W	0,5m ³	37,5kg
216333/6/... ¹⁾	CUT-4 LED 48	4m	48W	55W	700mA	5000K	8 450lm	6410lm	117lm/W	0,5m ³	37,5kg

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
216030/1/... ¹⁾	CUT-5 LED 24	5m	24W	28W	700mA	2700K	3 600lm	2750lm	99lm/W	0,6m ³	42,5kg
216030/3/... ¹⁾	CUT-5 LED 24	5m	24W	28W	700mA	3500K	3 700lm	2850lm	102lm/W	0,6m ³	42,5kg
216030/4/... ¹⁾	CUT-5 LED 24	5m	24W	28W	700mA	4000K	4 200lm	3200lm	115lm/W	0,6m ³	42,5kg
216030/6/... ¹⁾	CUT-5 LED 24	5m	24W	28W	700mA	5000K	4 250lm	3250lm	117lm/W	0,6m ³	42,5kg
216032/1/... ¹⁾	CUT-5 LED 36	5m	36W	40W	1000mA	2700K	4 900lm	3750lm	94lm/W	0,6m ³	42,5kg
216032/3/... ¹⁾	CUT-5 LED 36	5m	36W	40W	1000mA	3500K	5 100lm	3950lm	99lm/W	0,6m ³	42,5kg
216032/4/... ¹⁾	CUT-5 LED 36	5m	36W	40W	1000mA	4000K	5 800lm	4500lm	113lm/W	0,6m ³	42,5kg
216032/6/... ¹⁾	CUT-5 LED 36	5m	36W	40W	1000mA	5000K	5 900lm	4600lm	115lm/W	0,6m ³	42,5kg
216033/1/... ¹⁾	CUT-5 LED 48	5m	48W	55W	700mA	2700K	7 050lm	5350lm	98lm/W	0,6m ³	42,5kg
216033/3/... ¹⁾	CUT-5 LED 48	5m	48W	55W	700mA	3500K	7 350lm	5650lm	103lm/W	0,6m ³	42,5kg
216033/4/... ¹⁾	CUT-5 LED 48	5m	48W	55W	700mA	4000K	8 400lm	6350lm	116lm/W	0,6m ³	42,5kg
216033/6/... ¹⁾	CUT-5 LED 48	5m	48W	55W	700mA	5000K	8 450lm	6410lm	117lm/W	0,6m ³	42,5kg
216633/1/... ¹⁾	CUT-6 LED 48	6m	48W	55W	700mA	2700K	7 050lm	5350lm	98lm/W	1,2m ³	62,5kg
216633/3/... ¹⁾	CUT-6 LED 48	6m	48W	55W	700mA	3500K	7 350lm	5650lm	103lm/W	1,2m ³	62,5kg
216633/4/... ¹⁾	CUT-6 LED 48	6m	48W	55W	700mA	4000K	8 400lm	6350lm	116lm/W	1,2m ³	62,5kg
216633/6/... ¹⁾	CUT-6 LED 48	6m	48W	55W	700mA	5000K	8 450lm	6410lm	117lm/W	1,2m ³	62,5kg
216635/1/... ¹⁾	CUT-6 LED 72	6m	72W	79W	1000mA	2700K	9 450lm	7200lm	92lm/W	1,2m ³	62,5kg
216635/3/... ¹⁾	CUT-6 LED 72	6m	72W	79W	1000mA	3500K	9 900lm	7600lm	97lm/W	1,2m ³	62,5kg
216635/4/... ¹⁾	CUT-6 LED 72	6m	72W	79W	1000mA	4000K	11 250lm	8550lm	109lm/W	1,2m ³	62,5kg
216635/6/... ¹⁾	CUT-6 LED 72	6m	72W	79W	1000mA	5000K	11 450lm	8700lm	111lm/W	1,2m ³	62,5kg
216733/1/... ¹⁾	CUT-7 LED 48	7m	48W	55W	700mA	2700K	7 050lm	5350lm	98lm/W	1,4m ³	69,5kg
216733/3/... ¹⁾	CUT-7 LED 48	7m	48W	55W	700mA	3500K	7 350lm	5650lm	103lm/W	1,4m ³	69,5kg
216733/4/... ¹⁾	CUT-7 LED 48	7m	48W	55W	700mA	4000K	8 400lm	6350lm	116lm/W	1,4m ³	69,5kg
216733/6/... ¹⁾	CUT-7 LED 48	7m	48W	55W	700mA	5000K	8 450lm	6410lm	117lm/W	1,4m ³	69,5kg
216735/1/... ¹⁾	CUT-7 LED 72	7m	72W	79W	1000mA	2700K	9 450lm	7200lm	92lm/W	1,4m ³	69,5kg
216735/3/... ¹⁾	CUT-7 LED 72	7m	72W	79W	1000mA	3500K	9 900lm	7600lm	97lm/W	1,4m ³	69,5kg
216735/4/... ¹⁾	CUT-7 LED 72	7m	72W	79W	1000mA	4000K	11 250lm	8550lm	109lm/W	1,4m ³	69,5kg
216735/6/... ¹⁾	CUT-7 LED 72	7m	72W	79W	1000mA	5000K	11 450lm	8700lm	111lm/W	1,4m ³	69,5kg
216433/1/... ¹⁾	CUT-8 LED 48	8m	48W	55W	700mA	2700K	7 050lm	5350lm	98lm/W	1,6m ³	76kg
216433/3/... ¹⁾	CUT-8 LED 48	8m	48W	55W	700mA	3500K	7 350lm	5650lm	103lm/W	1,6m ³	76kg
216433/4/... ¹⁾	CUT-8 LED 48	8m	48W	55W	700mA	4000K	8 400lm	6350lm	116lm/W	1,6m ³	76kg
216433/6/... ¹⁾	CUT-8 LED 48	8m	48W	55W	700mA	5000K	8 450lm	6410lm	117lm/W	1,6m ³	76kg
216435/1/... ¹⁾	CUT-8 LED 72	8m	72W	79W	1000mA	2700K	9 450lm	7200lm	92lm/W	1,6m ³	76kg
216435/3/... ¹⁾	CUT-8 LED 72	8m	72W	79W	1000mA	3500K	9 900lm	7600lm	97lm/W	1,6m ³	76kg
216435/4/... ¹⁾	CUT-8 LED 72	8m	72W	79W	1000mA	4000K	11 250lm	8550lm	109lm/W	1,6m ³	76kg
216435/6/... ¹⁾	CUT-8 LED 72	8m	72W	79W	1000mA	5000K	11 450lm	8700lm	111lm/W	1,6m ³	76kg

1) Symbol of chosen optical system eg. 216230/6/T2 is CUT-3 LED 24 5000K with T2 optical system

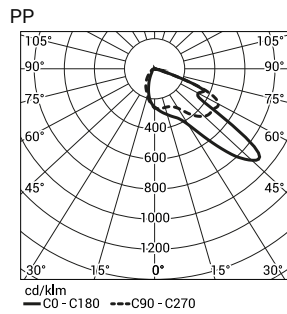
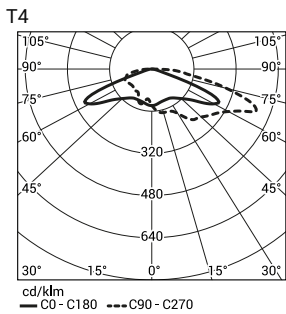
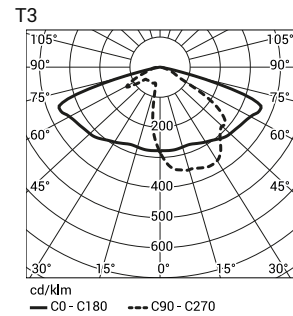
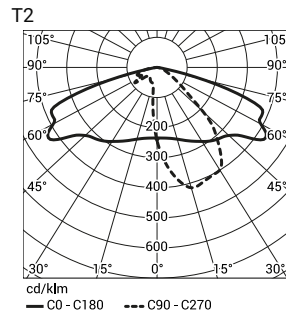
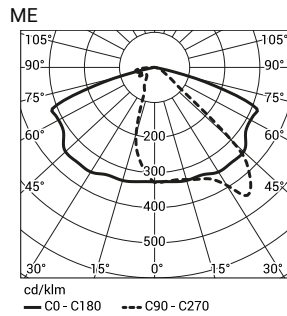
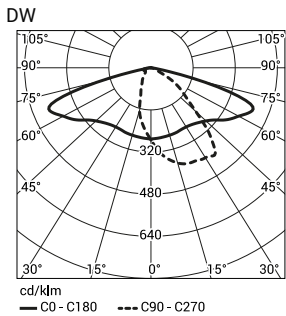
2) tolerance +/- 3% due to LEDs accuracy



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 C163, C165, C175, C178 interference colors)



Luminaire CUT 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 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	2	5	10	16	26	32	40
	C	2	10	15	27	44	54	67
CUT LED 48, 72W	B	1	2	4	6	11	13	17
	C	1	4	6	11	18	22	28

Fuse – type gG and GL

Luminaire	2A	4A	6A	10A	16A	20A	25A
CUT LED 24, 36W	4	9	14	25	39	50	62
CUT LED 48, 72W	1	2	11	19	30	38	47