

# CUT LED



**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

**Corrective factor S/P:** 1,8 for 5000K; 1,45 for 3500K; 1,55 for 4000K

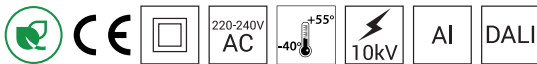
**Input voltage frequency:** 50 - 60Hz

**Power factor:**  $\geq 0.95$

**Inrush current:** : 22A / 290 $\mu$ s for 24W; 46A / 300 $\mu$ s for 36W, 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-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 <sup>2)</sup>	Luminaire luminous flux <sup>2)</sup>	Luminous efficacy	Unit volume	Net weight
<b>216230/3/...</b> <sup>1)</sup>	CUT-3 LED 24	3m	24W	31W	700mA	3500K	3 500lm	2850lm	92lm/W	0,5m <sup>3</sup>	31kg
<b>216230/4/...</b> <sup>1)</sup>	CUT-3 LED 24	3m	24W	31W	700mA	4000K	3 900lm	3150lm	102lm/W	0,5m <sup>3</sup>	31kg
<b>216230/6/...</b> <sup>1)</sup>	CUT-3 LED 24	3m	24W	31W	700mA	5000K	4 100lm	3300lm	106lm/W	0,5m <sup>3</sup>	31kg
<b>216232/3/...</b> <sup>1)</sup>	CUT-3 LED 36	3m	36W	42W	1000mA	3500K	4 750lm	3850lm	92lm/W	0,5m <sup>3</sup>	31kg
<b>216232/4/...</b> <sup>1)</sup>	CUT-3 LED 36	3m	36W	42W	1000mA	4000K	5 250lm	4250lm	101lm/W	0,5m <sup>3</sup>	31kg
<b>216232/6/...</b> <sup>1)</sup>	CUT-3 LED 36	3m	36W	42W	1000mA	5000K	5 500lm	4450lm	106lm/W	0,5m <sup>3</sup>	31kg
<b>216330/3/...</b> <sup>1)</sup>	CUT-4 LED 24	4m	24W	31W	700mA	3500K	3 500lm	2850lm	92lm/W	0,7m <sup>3</sup>	37,5kg
<b>216330/4/...</b> <sup>1)</sup>	CUT-4 LED 24	4m	24W	31W	700mA	4000K	3 900lm	3150lm	102lm/W	0,7m <sup>3</sup>	37,5kg
<b>216330/6/...</b> <sup>1)</sup>	CUT-4 LED 24	4m	24W	31W	700mA	5000K	4 100lm	3300lm	106lm/W	0,7m <sup>3</sup>	37,5kg
<b>216332/3/...</b> <sup>1)</sup>	CUT-4 LED 36	4m	36W	42W	1000mA	3500K	4 750lm	3850lm	92lm/W	0,7m <sup>3</sup>	37,5kg
<b>216332/4/...</b> <sup>1)</sup>	CUT-4 LED 36	4m	36W	42W	1000mA	4000K	5 250lm	4250lm	101lm/W	0,7m <sup>3</sup>	37,5kg
<b>216332/6/...</b> <sup>1)</sup>	CUT-4 LED 36	4m	36W	42W	1000mA	5000K	5 500lm	4450lm	106lm/W	0,7m <sup>3</sup>	37,5kg
<b>216333/3/...</b> <sup>1)</sup>	CUT-4 LED 48	4m	48W	55W	700mA	3500K	7 000lm	5650lm	103lm/W	0,7m <sup>3</sup>	37,5kg
<b>216333/4/...</b> <sup>1)</sup>	CUT-4 LED 48	4m	48W	55W	700mA	4000K	7 300lm	5900lm	107lm/W	0,7m <sup>3</sup>	37,5kg
<b>216333/6/...</b> <sup>1)</sup>	CUT-4 LED 48	4m	48W	55W	700mA	5000K	8 150lm	6500lm	118lm/W	0,7m <sup>3</sup>	37,5kg
<b>216030/3/...</b> <sup>1)</sup>	CUT-5 LED 24	5m	24W	31W	700mA	3500K	3 500lm	2850lm	92lm/W	1m <sup>3</sup>	42kg
<b>216030/4/...</b> <sup>1)</sup>	CUT-5 LED 24	5m	24W	31W	700mA	4000K	3 900lm	3150lm	102lm/W	1m <sup>3</sup>	42kg
<b>216030/6/...</b> <sup>1)</sup>	CUT-5 LED 24	5m	24W	31W	700mA	5000K	4 100lm	3300lm	106lm/W	1m <sup>3</sup>	42kg
<b>216032/3/...</b> <sup>1)</sup>	CUT-5 LED 36	5m	36W	42W	1000mA	3500K	4 750lm	3850lm	92lm/W	1m <sup>3</sup>	42kg

# CUT LED

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
<b>216032/4/...</b> <sup>1)</sup>	CUT-5 LED 36	5m	36W	42W	1000mA	4000K	5 250lm	4250lm	101lm/W	1m <sup>3</sup>	42kg
<b>216032/6/...</b> <sup>1)</sup>	CUT-5 LED 36	5m	36W	42W	1000mA	5000K	5 500lm	4450lm	106lm/W	1m <sup>3</sup>	42kg
<b>216033/3/...</b> <sup>1)</sup>	CUT-5 LED 48	5m	48W	55W	700mA	3500K	7 000lm	5650lm	103lm/W	1m <sup>3</sup>	42kg
<b>216033/4/...</b> <sup>1)</sup>	CUT-5 LED 48	5m	48W	55W	700mA	4000K	7 300lm	5900lm	107lm/W	1m <sup>3</sup>	42kg
<b>216033/6/...</b> <sup>1)</sup>	CUT-5 LED 48	5m	48W	55W	700mA	5000K	8 150lm	6500lm	118lm/W	1m <sup>3</sup>	42kg
<b>216433/3/...</b> <sup>1)</sup>	CUT-8 LED 48	8m	48W	55W	700mA	3500K	7 000lm	5650lm	103lm/W	2,6m <sup>3</sup>	76kg
<b>216433/4/...</b> <sup>1)</sup>	CUT-8 LED 48	8m	48W	55W	700mA	4000K	7 300lm	5900lm	107lm/W	2,6m <sup>3</sup>	76kg
<b>216433/6/...</b> <sup>1)</sup>	CUT-8 LED 48	8m	48W	55W	700mA	5000K	8 150lm	6500lm	118lm/W	2,6m <sup>3</sup>	76kg
<b>216435/3/...</b> <sup>1)</sup>	CUT-8 LED 72	8m	72W	80W	1000mA	3500K	9 400lm	7600lm	95lm/W	2,6m <sup>3</sup>	76kg
<b>216435/4/...</b> <sup>1)</sup>	CUT-8 LED 72	8m	72W	80W	1000mA	4000K	10 450lm	8450lm	106lm/W	2,6m <sup>3</sup>	76kg
<b>216435/6/...</b> <sup>1)</sup>	CUT-8 LED 72	8m	72W	80W	1000mA	5000K	10 950lm	8850lm	110lm/W	2,6m <sup>3</sup>	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

