

QUANTUS 190

Outdoor Lighting



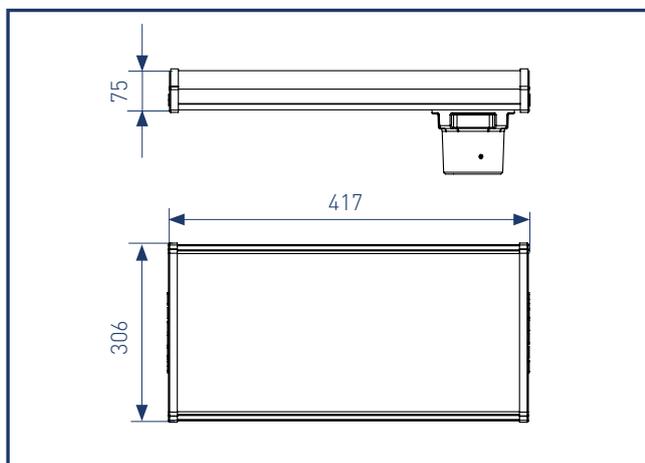
Your product advantages

- ✓ **Efficient:** Use of newest Mid-Power LED
- ✓ **Physiological:** Reduction of glare by use of 128 Mid-Power LED modules
- ✓ **Reliable:** Best thermal management by large LED Modules
- ✓ **Sustainable:** Low current supply and intelligent LED wiring

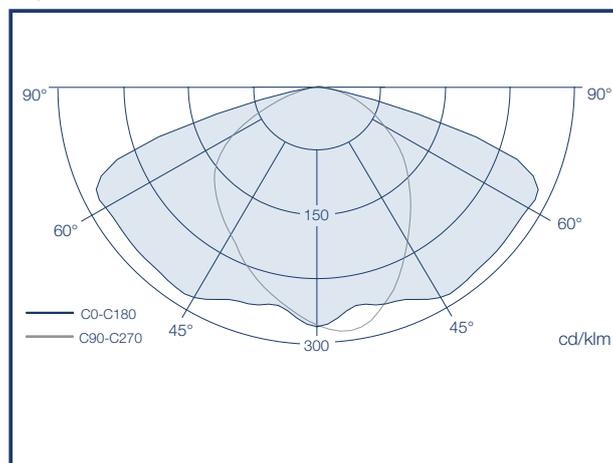
Application areas

roads in residential areas

Dimensions (mm)



Light distribution (asymmetric wide beam)



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Basic

Eco

Lighting fixtures body		
Material	Extruded aluminium profile / Die cast aluminium	
Colour (powder coating)	RAL or DB	
Mounting type	Post top (76 mm)	
Orientation possibilities	no (basic up tilt of 0°)	
Dimension (length x width x height)	417 x 306 x 75 mm	
Weight	app. 6 kg	
Exposed wind surface	0,0385 m ²	
IP Protection class	IP 65	
Glas type	PMMA	
Shock resistance	IK 08	
Photometric properties		
Light source	LED Light Engine with Mid-Power-LED	
Optical system	asymmetric wide beam light distribution	
Rated luminous flux	1,300 / 2,000 / 2,600 / 3,400 lm	1,100 – 3,400 lm
Light efficiency	115 lm/W	115 lm/W
Colour temperature	3,000 / 4,000 K	
Colour rendering index (Ra)	> 80	
Dimming (power control)	–	power line control /Digital
Rated lifetime at (ta) 30°C	50,000 h at L80/B10	
Temperature management	–	✓
Constant Light Output (CLO)	–	✓
Electrical properties		
Rated power	12 / 18 / 22 / 30 W	8 – 30 W [2 W-steps]
Electrical protection class	Class I / II	
Rated voltage	120 – 277 V	
Frequence	50 – 60 Hz	
Surge protection (L–N / L N–ground)	6 kV	6 / 8 kV
Installation suggestions		
Application areas	roads in residential areas	
Light point height	3,5 – 6 m	
Lighting classes	S	
Admitted ambient temperature (ta)	-25°C – +35°C	
Other properties		
Certificate	ENEC*, CE	
Connection to circuit breaker (B16)	17 pcs.	
Options		
Reduction part to Ø 60	✓	

* on the way of approval