

QUANTUS 193

Outdoor Lighting



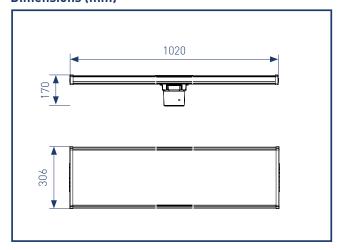
Your product advantages

- **✓ Efficient:** Use of newest Mid-Power LED
- ✓ Physiological: Reduction of glare by use of 2x 256 Mid-Power LEDs
- ✓ Reliable: Best thermal management by large LED modules
- **Sustainable:** Low current supply and intelligent LED wiring

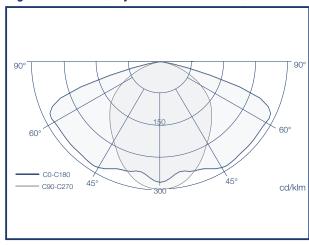
Application areas

Roads in residential areas, parking areas

Dimensions (mm)



Light distribution (asymmetric wide beam)





QUANTUS 193 Basic Eco

Extruded aluminium profile / Die cast aluminium	GOANTOS 175	Dasic		
RAL or DB	Lighting fixtures body			
Mounting type Post top [∅ 76 mm] Orientation possibilities Basic up tit of 0° Dimension (length x width x height) 1,020 x 306 x 170 mm Weight app. 14 kg Exposed wind surface 0,08 m² IP Protection class IP 65 Glass type PMMA Shock resistance IK 08 Photometric properties LED Light Engine with Mid-Power LEDs Uptical system Asymmetric wide beam light distribution Rated luminous flux 2x [4,200 / 5,500 / 6,900 / 8,100] 2x (3,400 - 6,900) lm Light efficiency 115 / 115 / 115 / 110 lm/W app. 115 lm/W Colour temperature 3,000 / 4,000 K X Colour rendering index [Ra] > 80 N Dimming (power control) — Power line control /Digital Rated lifetime at (ta) 30°C 50,000 h at L80/B10 Temperature management — ✓ ✓ Class I/ II Constant Light Output (CL0) — ✓ ✓ Electrical properties Rated power 2x (36 / 48 / 60 / 74) W 2x (30 - 60 W (in 2W steps)) Electrical protection (L=N / LIN-ground)	Material	Extruded aluminium profile / Die cast aluminium		
Orientation possibilities Basic up tilt of 0° Dimension (length x width x height) 1,020 x 306 x 170 mm Weight app. 14 kg Exposed wind surface 0.08 m² IP Protection class IP 65 Glass type PMMA Shock resistance IK 08 Photometric properties LED Light Engine with Mid-Power LEDs Light source LED Light Engine with Mid-Power LEDs Optical system Asymmetric wide beam light distribution Rated luminous flux 2x (4,200 / 5,500 / 6,900 / 8,100) 2x (3,400 - 6,900) lm lm Light efficiency 115 / 115 / 115 / 110 lm/W app. 115 lm/W Colour temperature 3,000 / 4,000 K Cotour 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 (CL0) — ✓ Electrical properties Rated power 2x (36 / 48 / 60 / 74) W 2x (30 - 60 W (in 2W steps)) Electrical protection class Class I / II Rated volta	Colour (powder coating)	RAL or DB		
Dimension (length x width x height)	Mounting type	Post top (Ø 76 mm)		
Meight	Orientation possibilities	Basic up tilt of 0°		
Exposed wind surface	Dimension (length x width x height)	1,020 x 306 x 170 mm		
IP Protection class	Weight	app. 14 kg		
Class type	Exposed wind surface	0.08 m ²		
Shock resistance Photometric properties Light source Coptical system Rated luminous flux Light efficiency Colour temperature Colour rendering index (Ra) Dimming (power control) Rated lifetime at (ta) 30°C Temperature management Constant Light Output (CLO) Electrical properties Rated voltage Page protection (L-N / LIN-ground) Application areas Light point height Light girls as (B16) Connection to circuit breaker (B16) Options LED Light Engine with Mid-Power LEDs Asymmetric wide beam light distribution Asymmetric wide beam light distribution LED Light Engine with Mid-Power LEDs Asymmetric wide beam light distribution LED Light Engine with Mid-Power LEDs Asymmetric wide beam light distribution LED Light Engine with Mid-Power LEDs Asymmetric wide beam light distribution LED Light Power LEDs Asymmetric wide beam light distribution Asymmetric wide beam light distribution Laght Power LEDs Light Did with Mid-Power LEDs Light Over LEDs Light Power LEDs Light Over LEDs Light Over LeDs Light Over Ledy (A900 A, 2000 A, 2	IP Protection class	IP (IP 65	
Light source LED Light Engine with Mid-Power LEDs Optical system Asymmetric wide beam light distribution Rated luminous flux Light efficiency Light efficienc	Glass type	РММА		
Light source LED Light Engine with Mid-Power LEDs Optical system Asymmetric wide beam light distribution Rated luminous flux 2x (4,200 / 5,500 / 6,900 / 8,100) 2x (3,400 - 6,900) lm Light efficiency 115 / 115 / 115 / 110 lm/W app. 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 2x (36 / 48 / 60 / 74) W 2x (30 – 60 W (in 2W steps)) Electrical protection class Class I / II ** Rated voltage 220 – 240 V ** Frequence 50 – 60 Hz ** Surge protection (L–N / LIN–ground) 6 kV 6 / 8 kV Installation suggestions Roads in residential areas, parking areas Light point height 5 – 8 m Light point height	Shock resistance	IK 08		
Asymmetric wide beam tight distribution Rated luminous flux 2x [4,200 / 5,500 / 6,900 / 8,100] Light efficiency 115 / 115 / 115 / 110 lm/W Colour temperature 3,000 / 4,000 K Colour rendering index (Ra) Dimming [power controt] Rated lifetime at (ta) 30°C Temperature management Constant Light Output (CLO) Constant Light Output (CLO) Clectrical properties Rated power 2x [36 / 48 / 60 / 74] W 2x [30 - 60 W (in 2W steps]) Electrical protection class Class I / II Rated voltage 70 - 60 Hz Surge protection (L-N / LIN-ground) Application areas Light point height 5 - 8 m Lighting classes Admitted ambient temperature [ta] Other properties Certificate ENEC, CE Connection to circuit breaker [B16] Options	Photometric properties			
Rated luminous flux 2x (4,200 / 5,500 / 6,900 / 8,100) 2x (3,400 - 6,900) lm Light efficiency 115 / 115 / 115 / 110 lm/W app. 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 (CL0) — ✓ Electrical properties Rated power 2x (36 / 48 / 60 / 74) W 2x (30 - 60 W (in 2W steps)) Electrical protection class Class I / II Rated voltage 220 - 240 V Frequence 50 - 60 Hz 50 - 60 Hz 50 - 60 Hz Surge protection (L-N / LIN-ground) 6 kV 6 / 8 kV Installation suggestions Roads in residential areas, parking areas Light point height 5 - 8 m Lighting classes S Admitted ambient temperature (ta) -25°C - +35°C Other properties ENEC, CE Connection to circuit breaker (B16) 6 pcs.	Light source	LED Light Engine with Mid-Power LEDs		
Light efficiency Light efficiency 115 / 115 / 115 / 110 lm/W Colour temperature 3,000 / 4,000 K Colour rendering index (Ra) Dimming (power control) Rated lifetime at [ta] 30°C Temperature management Constant Light Output (CLO) Electrical properties Rated power 2x (36 / 48 / 60 / 74) W 2x (30 - 60 W (in 2W steps)) Electrical protection class Class I / II Rated voltage 720 - 240 V Frequence 50 - 60 Hz Surge protection (L-N / LIN-ground) 6 kV 6 / 8 kV Installation suggestions Application areas Light point height 5 - 8 m Lighting classes S Admitted ambient temperature (ta) Other properties Certificate ENEC, CE Connection to circuit breaker (B16) Options	Optical system	Asymmetric wide beam light distribution		
Colour temperature Colour rendering index (Ra) Dimming (power control) Rated lifetime at (ta) 30°C Temperature management Constant Light Output (CLO) Electrical properties Rated power Rated voltage Frequence Surge protection (L–N / L N–ground) Installation suggestions Application areas Light point height Lighting classes Admitted ambient temperature (ta) Options Source (B16) Options	Rated luminous flux		2x (3,400 - 6,900) lm	
Colour rendering index (Ra) Dimming (power control) Rated lifetime at (ta) 30°C Temperature management Constant Light Output (CLO) Electrical properties Rated power 2x (36 / 48 / 60 / 74) W 2x (30 - 60 W (in 2W steps)) Electrical protection class Class I / II Rated voltage 720 - 240 V Frequence 50 - 60 Hz Surge protection (L-N / LIN-ground) Installation suggestions Application areas Light point height Lighting classes Admitted ambient temperature (ta) Other properties Certificate ENEC, CE Connection to circuit breaker (B16) Options	Light efficiency	115 / 115 / 115 / 110 lm/W	app. 115 lm/W	
Dimming (power control) Rated lifetime at (ta) 30°C Temperature management Constant Light Output (CLO) Electrical properties Rated power Rated voltage Power line control / Digital Class 1 / II Rated voltage Power line control / Digital Power line control / Digital Application class Class 1 / II Rated voltage Power line control / Digital Power line	Colour temperature	3,000 / 4,000 K		
Rated lifetime at [ta] 30°C Temperature management Constant Light Output (CLO) Electrical properties Rated power Rated voltage Frequence Surge protection (L-N / LIN-ground) Installation suggestions Application areas Light point height Lighting classes Admitted ambient temperature (ta) Other properties ENEC, CE Connection to circuit breaker (B16) Options	Colour rendering index (Ra)	> 80		
Temperature management Constant Light Output (CLO) Electrical properties Rated power 2x (36 / 48 / 60 / 74) W 2x (30 - 60 W (in 2W steps)) Electrical protection class Class I / II Rated voltage 220 - 240 V Frequence 50 - 60 Hz Surge protection (L-N / LIN-ground) 6 kV 6 / 8 kV Installation suggestions Application areas Light point height 5 - 8 m Lighting classes S Admitted ambient temperature (ta) 7-25°C - +35°C Other properties Certificate ENEC, CE Connection to circuit breaker (B16) 6 pcs. Options	Dimming (power control)	 Power line control /Digital 		
Constant Light Output (CLO) Electrical properties Rated power 2x (36 / 48 / 60 / 74) W 2x (30 - 60 W (in 2W steps)) Electrical protection class Class I / II Rated voltage 220 - 240 V Frequence 50 - 60 Hz Surge protection (L-N / LIN-ground) 6 kV 6 / 8 kV Installation suggestions Application areas Light point height 5 - 8 m Lighting classes S Admitted ambient temperature (ta) Other properties Certificate ENEC, CE Connection to circuit breaker (B16) Options	Rated lifetime at (ta) 30°C	50,000 h at L80/B10		
Electrical properties Rated power 2x [36 / 48 / 60 / 74] W 2x [30 - 60 W [in 2W steps]] Electrical protection class Class I / II Rated voltage 220 - 240 V Frequence 50 - 60 Hz Surge protection (L-N / L N-ground) 6 kV 6 / 8 kV Installation suggestions Application areas Light point height 5 - 8 m Lighting classes S Admitted ambient temperature (ta) Other properties Certificate ENEC, CE Connection to circuit breaker (B16) Options	Temperature management	_	✓	
Rated power	Constant Light Output (CLO)	_	✓	
Electrical protection class Rated voltage 220 - 240 V Frequence 50 - 60 Hz Surge protection (L-N / LIN-ground) 6 kV 6 / 8 kV Installation suggestions Application areas Light point height 5 - 8 m Lighting classes S Admitted ambient temperature (ta) 7-25°C - +35°C Other properties Certificate ENEC, CE Connection to circuit breaker (B16) Options	Electrical properties			
Rated voltage Frequence 50 - 60 Hz Surge protection (L-N / L N-ground) Installation suggestions Application areas Light point height Lighting classes Admitted ambient temperature (ta) Other properties Certificate Certificate Connection to circuit breaker (B16) Options	Rated power	2x (36 / 48 / 60 / 74) W	2x (30 – 60 W (in 2W steps))	
Frequence 50 - 60 Hz Surge protection (L-N / L N-ground) 6 kV 6 / 8 kV Installation suggestions Application areas Roads in residential areas, parking areas Light point height 5 - 8 m Lighting classes S Admitted ambient temperature (ta) -25°C - +35°C Other properties Certificate ENEC, CE Connection to circuit breaker (B16) 6 pcs. Options	Electrical protection class	Class I / II		
Surge protection (L-N / L N-ground) Installation suggestions Application areas Light point height 5 - 8 m Lighting classes S Admitted ambient temperature (ta) Other properties Certificate Certificate Connection to circuit breaker (B16) Options 6 kV 6 / 8 kV 6 /	Rated voltage	220 –	220 – 240 V	
Installation suggestions Application areas Light point height Lighting classes S Admitted ambient temperature (ta) Other properties Certificate Connection to circuit breaker (B16) Options Roads in residential areas, parking areas 5 - 8 m -25°C - +35°C Other properties ENEC, CE 6 pcs.	Frequence	50 – 6	50 – 60 Hz	
Application areas Light point height S - 8 m Lighting classes S Admitted ambient temperature (ta) Other properties Certificate Connection to circuit breaker (B16) Options Roads in residential areas, parking areas 5 - 8 m -25°C - +35°C S ENEC, CE 6 pcs.	Surge protection (L-N / L N-ground)	6 kV	6/8 kV	
Light point height 5 – 8 m Lighting classes S Admitted ambient temperature (ta) -25°C – +35°C Other properties Certificate ENEC, CE Connection to circuit breaker (B16) 6 pcs. Options	Installation suggestions			
Lighting classes Admitted ambient temperature (ta) Other properties Certificate Connection to circuit breaker (B16) Options S -25°C - +35°C ENEC, CE 6 pcs.	Application areas	Roads in residential areas, parking areas		
Admitted ambient temperature (ta) Other properties Certificate Connection to circuit breaker (B16) Options -25°C - +35°C ENEC, CE 6 pcs.	Light point height	5 – 8 m		
Other properties Certificate ENEC, CE Connection to circuit breaker (B16) 6 pcs. Options	Lighting classes	S		
Certificate ENEC, CE Connection to circuit breaker (B16) 6 pcs. Options	Admitted ambient temperature (ta)	-25°C - +35°C		
Connection to circuit breaker (B16) 6 pcs. Options	Other properties			
Options	Certificate	ENEC, CE		
	Connection to circuit breaker (B16)	6 pc	6 pcs.	
Reduction part to Ø 60 mm	Options			
	Reduction part to Ø 60 mm		<u> </u>	









 ${}^{\tiny{\textcircled{O}}} \textbf{HELLUX International GmbH. Data may vary due to actual version. Subject to technical changes. All statements without guarantee.}$