



Highbay Performer G5

- NEW: high temperature versions (HT) available
- High quality LED Highbay solution with improved ultra slim design
- Improved efficacy of 160 lm/W
- Available as Smart Lighting solution (BLE2) and DALI2 combined in one luminaire
- For BLE2 versions: improved wireless communication based on future-proof, standardized Bluetooth SIG Mesh protocol
- Three different beam angles: wide, medium and asymmetric
- Extra high power versions available, up to 38,400 lm
- Equipped with breather to prevent condensation
- Equipped with IP68 connector



Specifications

Item Code	Item Description	Equivalent to (W)	Power (W)	Lumen	Efficacy (lm/W)	CCT (K)	Beam angle	Weight (kg/pc)
On-Off								
545001068300	LEDHighbay-P5 80W-840-W	HID 250W	80	12800	160	4000	100°	2.68
545001068200	LEDHighbay-P5 80W-840-N	HID 250W	80	12800	160	4000	60°	2.68
545001068400	LEDHighbay-P5 80W-840-AS	HID 250W	80	12800	160	4000	60° x 100°	2.68
545001069500	LEDHighbay-P5 80W-857-W	HID 250W	80	12800	160	5700	100°	2.68
545001069400	LEDHighbay-P5 80W-857-N	HID 250W	80	12800	160	5700	60°	2.68
545001069600	LEDHighbay-P5 80W-857-AS	HID 250W	80	12800	160	5700	60° x 100°	2.68
545001068600	LEDHighbay-P5 110W-840-W	HID 400W	110	17600	160	4000	100°	2.68
545001068500	LEDHighbay-P5 110W-840-N	HID 400W	110	17600	160	4000	60°	2.68
545001068700	LEDHighbay-P5 110W-840-AS	HID 400W	110	17600	160	4000	60° x 100°	2.68
545001069800	LEDHighbay-P5 110W-857-W	HID 400W	110	17600	160	5700	100°	2.68
545001069700	LEDHighbay-P5 110W-857-N	HID 400W	110	17600	160	5700	60°	2.68
545001069900	LEDHighbay-P5 110W-857-AS	HID 400W	110	17600	160	5700	60° x 100°	2.68
545001068000	LEDHighbay-P5 150W-840-W	HID 400W	150	24000	160	4000	100°	3.70
545001067900	LEDHighbay-P5 150W-840-N	HID 400W	150	24000	160	4000	60°	3.70
545001068100	LEDHighbay-P5 150W-840-AS	HID 400W	150	24000	160	4000	60° x 100°	3.70
545001069200	LEDHighbay-P5 150W-857-W	HID 400W	150	24000	160	5700	100°	3.70
545001069100	LEDHighbay-P5 150W-857-N	HID 400W	150	24000	160	5700	60°	3.70
545001069300	LEDHighbay-P5 150W-857-AS	HID 400W	150	24000	160	5700	60° x 100°	3.70
545001067600	LEDHighbay-P5 200W-840-W	HID 600W	200	32000	160	4000	100°	3.70
545001067700	LEDHighbay-P5 200W-840-N	HID 600W	200	32000	160	4000	60°	3.70
545001067800	LEDHighbay-P5 200W-840-AS	HID 600W	200	32000	160	4000	60° x 100°	3.70
545001068800	LEDHighbay-P5 200W-857-W	HID 600W	200	32000	160	5700	100°	3.70
545001068900	LEDHighbay-P5 200W-857-N	HID 600W	200	32000	160	5700	60°	3.70
545001069000	LEDHighbay-P5 200W-857-AS	HID 600W	200	32000	160	5700	60° x 100°	3.70

Item Code	Item Description	Equivalent to (W)	Power (W)	Lumen	Efficacy (lm/W)	CCT (K)	Beam angle	Weight (kg/pc)
On-Off								
545001062100	LEDHighbay-P5 240W-840-W	HID 600W	240	38400	160	4000	100°	3.70
545001062000	LEDHighbay-P5 240W-840-N	HID 600W	240	38400	160	4000	60°	3.70
545001062200	LEDHighbay-P5 240W-840-AS	HID 600W	240	38400	160	4000	60° x 100°	3.70
545001062400	LEDHighbay-P5 240W-857-W	HID 600W	240	38400	160	5700	100°	3.70
545001062300	LEDHighbay-P5 240W-857-N	HID 600W	240	38400	160	5700	60°	3.70
545001062500	LEDHighbay-P5 240W-857-AS	HID 600W	240	38400	160	5700	60° x 100°	3.70
On-Off, High Temperature								
545001071000	LEDHighbay-P5 130W-840-W-HT	HID 400W	130	20800	160	4000	100°	3.70
545001070900	LEDHighbay-P5 130W-840-N-HT	HID 400W	130	20800	160	4000	60°	3.70
545001071100	LEDHighbay-P5 130W-840-AS-HT	HID 400W	130	20800	160	4000	60° x 100°	3.70
545001071300	LEDHighbay-P5 130W-857-W-HT	HID 400W	130	20800	160	4000	100°	3.70
545001071200	LEDHighbay-P5 130W-857-N-HT	HID 400W	130	20800	160	4000	60° x 100°	3.70
545001071400	LEDHighbay-P5 130W-857-AS-HT	HID 400W	130	20800	160	4000	60°	3.70
DALI2, Smart								
545001059700	LEDHighbay-P5 80W-DALI+BLE2-840-W	HID 250W	80	12800	160	4000	100°	2.68
545001059600	LEDHighbay-P5 80W-DALI+BLE2-840-N	HID 250W	80	12800	160	4000	60°	2.68
545001059800	LEDHighbay-P5 80W-DALI+BLE2-840-AS	HID 250W	80	12800	160	4000	60° x 100°	2.68
545001060300	LEDHighbay-P5 110W-DALI+BLE2-840-W	HID 400W	110	17600	160	4000	100°	2.68
545001060200	LEDHighbay-P5 110W-DALI+BLE2-840-N	HID 400W	110	17600	160	4000	60°	2.68
545001060400	LEDHighbay-P5 110W-DALI+BLE2-840-AS	HID 400W	110	17600	160	4000	60° x 100°	2.68
545001060900	LEDHighbay-P5 150W-DALI+BLE2-840-W	HID 400W	150	24000	160	4000	100°	3.70
545001060800	LEDHighbay-P5 150W-DALI+BLE2-840-N	HID 400W	150	24000	160	4000	60°	3.70
545001061000	LEDHighbay-P5 150W-DALI+BLE2-840-AS	HID 400W	150	24000	160	4000	60° x 100°	3.70
545001061200	LEDHighbay-P5 150W-DALI+BLE2-857-W	HID 400W	150	24000	160	5700	100°	3.70
545001061100	LEDHighbay-P5 150W-DALI+BLE2-857-N	HID 400W	150	24000	160	5700	60°	3.70
545001061300	LEDHighbay-P5 150W-DALI+BLE2-857-AS	HID 400W	150	24000	160	5700	60° x 100°	3.70
545001061500	LEDHighbay-P5 200W-DALI+BLE2-840-W	HID 600W	200	32000	160	4000	100°	3.70
545001061400	LEDHighbay-P5 200W-DALI+BLE2-840-N	HID 600W	200	32000	160	4000	60°	3.70
545001061600	LEDHighbay-P5 200W-DALI+BLE2-840-AS	HID 600W	200	32000	160	4000	60° x 100°	3.70
545001062700	LEDHighbay-P5 240W-DALI+BLE2-840-W	HID 600W	240	38400	160	4000	100°	3.70
545001062600	LEDHighbay-P5 240W-DALI+BLE2-840-N	HID 600W	240	38400	160	4000	60°	3.70
545001062800	LEDHighbay-P5 240W-DALI+BLE2-840-AS	HID 600W	240	38400	160	4000	60° x 100°	3.70

Accessories



545098000500
LEDHighbay-P4 Bracket-D330



545098003500
LEDHighbay-P4 Reflector-D330



543098021900
LEDFixture-IP68-Connector-Kit-3



543098022000
LEDFixture-IP68-Connector-Kit-5



545098003200
LEDHighbay-Pole and Adapter

545098000600
LEDHighbay-P4 Bracket-D420

545098003600
LEDHighbay-P4 Reflector-D420

545098003900
LEDHighbay-Pole

Highbay Pole and Adapter (545098003200) is only compatible with 80W and 110W versions. Highbay Pole (545098003900) is only compatible with 150W, 200W and 240W versions.



Technical Specifications

Lifetime (L70)	100,000 h
Lifetime (L80)	70,000 h
Lifetime (L80) HT	100,000 h
Lifetime (L90)	50,000 h
On-/Off-cycles	100,000
Colour consistency (SDCM)	4
Dimmability	On-Off / DALI2+BLE2
Finishing	Grey Pantone 417U
Colour rendering index (CRI)	> 80
Degree of protection (IP)	IP66
Impact strength	IK08
Protection class	I
Risk group (EN 62471)	RG1
With control gear	Yes
Glow wire test	850°C
Power factor	≥ 0.9
Surge protection	4 kV

Electrical Supply

Frequency	50/60 Hz
Nominal voltage	220-240 V
DC input voltage	See catalogue appendix Connection Specifications
230V Cable length	1 m

Mechanical Properties

Housing material	Aluminium
UV resistant	Yes
Optical material	Polycarbonate
Cover material	Polycarbonate

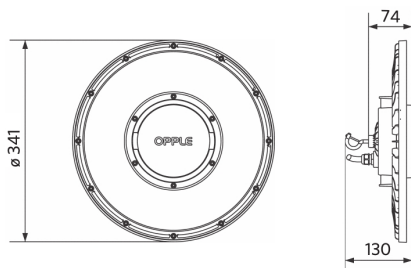
Ambient Conditions

Operating temperature	-30-+50°C
Operating temperature HT	-30-+70°C
Application temperature	+25°C
Storage environment	-30-+60°C

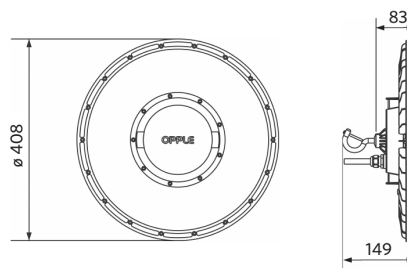


Dimensional Drawing (mm)

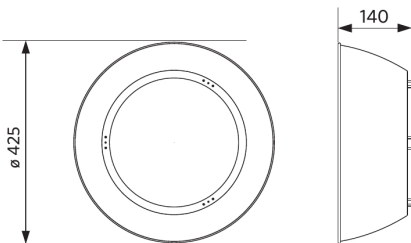
LEDHighbay-P5
80W & 110W



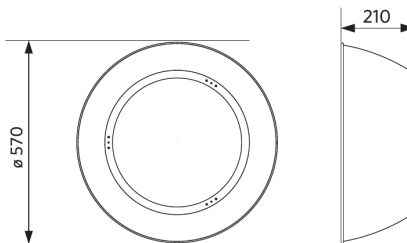
LEDHighbay-P5
130W & 150W & 200 & 240W



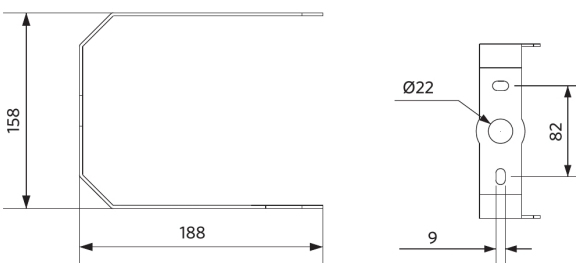
LEDHighbay-P5
Reflector-D330



LEDHighbay-P5
Reflector-D420



LEDHighbay-P5
Bracket-D330



LEDHighbay-P5
Bracket-D420

