



**Highbay Performer G5**

- NEW for BLE2 versions: improved wireless communication based on future-proof, standardized Bluetooth SIG Mesh protocol
- 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
- 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)
<b>On-Off</b>								
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)
<b>On-Off</b>								
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
<b>DALI2, Smart</b>								
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 (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

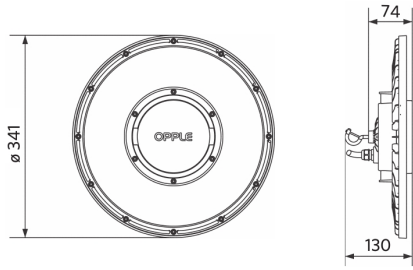
### Ambient Conditions

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

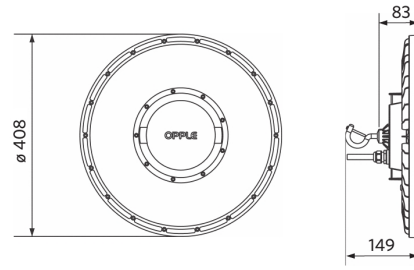


## Dimensional Drawing (mm)

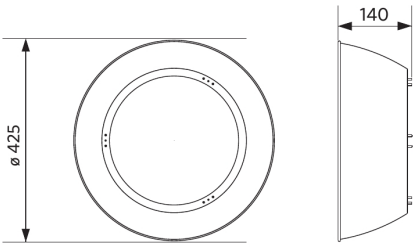
LEDHighbay-P5  
80W & 110W



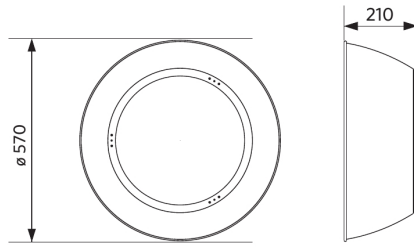
LEDHighbay-P5  
150W & 200 & 240W



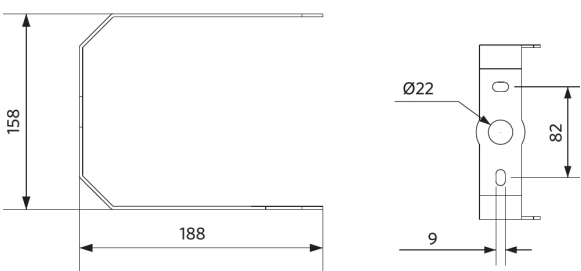
LEDHighbay-P5  
Reflector-D330



LEDHighbay-P5  
Reflector-D420



LEDHighbay-P5  
Bracket-D330



LEDHighbay-P5  
Bracket-D420

