



Highbay Performer Linear

- Robust and powerful Highbay solution with rectangular design
- Very high efficiency of 180lm/W
- Ultra high output up to 54,000lm
- Three different beam angles: wide (W), asymmetric (AS) and extra asymmetric (XAS)
- Suspension kit included (1m)
- Emergency versions (EM) available
- Standard available in DALI2
- Tilttable mounting bracket available as accessory



Specifications

Item Code	Item Description	Equivalent to (W)	Power (W)	Lumen	Efficacy (lm/W)	CCT (K)	Beam angle	Net Weight (kg/pc)
DALI2								
545001107300	LEDHighbay-Lin-P 150W-DALI-840-W	HID 400W	150	27000	180	4000	110°	4.4
545001107900	LEDHighbay-Lin-P 150W-DALI-840-AS	HID 400W	150	27000	180	4000	60° x 105°	4.1
545001108500	LEDHighbay-Lin-P 150W-DALI-840-XAS	HID 400W	150	27000	180	4000	25° x 85°	4.1
545001107400	LEDHighbay-Lin-P 240W-DALI-840-W	HID 2x400W	240	43200	180	4000	110°	6.8
545001108000	LEDHighbay-Lin-P 240W-DALI-840-AS	HID 2x400W	240	43200	180	4000	60° x 105°	7.2
545001108600	LEDHighbay-Lin-P 240W-DALI-840-XAS	HID 2x400W	240	43200	180	4000	25° x 85°	7.2
545001107500	LEDHighbay-Lin-P 300W-DALI-840-W	HID 1000W	300	54000	180	4000	110°	6.8
545001108100	LEDHighbay-Lin-P 300W-DALI-840-AS	HID 1000W	300	54000	180	4000	60° x 105°	7.3
545001108700	LEDHighbay-Lin-P 300W-DALI-840-XAS	HID 1000W	300	54000	180	4000	25° x 85°	7.3
Smart								
545001108400	LEDHighbay-Lin-P 300W-BLE2-840-XAS	HID 1000W	300	54000	180	4000	25° x 85°	8.3
545001107200	LEDHighbay-Lin-P 300W-BLE2-840-W	HID 1000W	300	54000	180	4000	110°	8.3
545001107800	LEDHighbay-Lin-P 300W-BLE2-840-AS	HID 1000W	300	54000	180	4000	60° x 105°	8.3
545001108300	LEDHighbay-Lin-P 240W-BLE2-840-XAS	HID 2x400W	240	43200	180	4000	25° x 85°	7.8
545001107100	LEDHighbay-Lin-P 240W-BLE2-840-W	HID 2x400W	240	43200	180	4000	110°	7.8
545001107700	LEDHighbay-Lin-P 240W-BLE2-840-AS	HID 2x400W	240	43200	180	4000	60° x 105°	7.8
545001108200	LEDHighbay-Lin-P 150W-BLE2-840-XAS	HID 400W	150	27000	180	4000	25° x 85°	4.6
545001107000	LEDHighbay-Lin-P 150W-BLE2-840-W	HID 400W	150	27000	180	4000	110°	4.6
545001107600	LEDHighbay-Lin-P 150W-BLE2-840-AS	HID 400W	150	27000	180	4000	60° x 105°	4.6
Emergency kit 1 hour/DALI2								
545001109700	LEDHighbay-Lin-P 150W-DALI-840-W-EM1	HID 400W	150	27000	180	4000	110°	4.1
545001110300	LEDHighbay-Lin-P 150W-DALI-840-AS-EM1	HID 400W	150	27000	180	4000	60° x 105°	4.1
545001110900	LEDHighbay-Lin-P 150W-DALI-840-XAS-EM1	HID 400W	150	27000	180	4000	25° x 85°	4.1
Emergency kit 1 hour/Smart								
545001110600	LEDHighbay-Lin-P 150W-BLE2-840-XAS-EM1	HID 400W	150	27000	180	4000	25° x 85°	5.2
545001109400	LEDHighbay-Lin-P 150W-BLE2-840-W-EM1	HID 400W	150	27000	180	4000	110°	5.2
545001110000	LEDHighbay-Lin-P 150W-BLE2-840-AS-EM1	HID 400W	150	27000	180	4000	60° x 105°	5.2

Item Code	Item Description	Equivalent to (W)	Power (W)	Lumen	Efficacy (lm/W)	CCT (K)	Beam angle	Net Weight (kg/pc)
Emergency kit 3 hour/DALI2								
545001109800	LEDHighbay-Lin-P 240W-DALI-840-W-EM3	HID 2x400W	240	43200	180	4000	110°	7.2
545001110400	LEDHighbay-Lin-P 240W-DALI-840-AS-EM3	HID 2x400W	240	43200	180	4000	60° x 105°	7.2
545001111000	LEDHighbay-Lin-P 240W-DALI-840-XAS-EM3	HID 2x400W	240	43200	180	4000	25° x 85°	7.2
545001109900	LEDHighbay-Lin-P 300W-DALI-840-W-EM3	HID 1000W	300	54000	180	4000	110°	7.3
545001110500	LEDHighbay-Lin-P 300W-DALI-840-AS-EM3	HID 1000W	300	54000	180	4000	60° x 105°	7.3
545001111100	LEDHighbay-Lin-P 300W-DALI-840-XAS-EM3	HID 1000W	300	54000	180	4000	25° x 85°	7.3
Emergency kit 3 hour/Smart								
545001110800	LEDHighbay-Lin-P 300W-BLE2-840-XAS-EM3	HID 1000W	300	54000	180	4000	25° x 85°	9.2
545001109600	LEDHighbay-Lin-P 300W-BLE2-840-W-EM3	HID 1000W	300	54000	180	4000	110°	9.2
545001110200	LEDHighbay-Lin-P 300W-BLE2-840-AS-EM3	HID 1000W	300	54000	180	4000	60° x 105°	9.2
545001110700	LEDHighbay-Lin-P 240W-BLE2-840-XAS-EM3	HID 2x400W	240	43200	180	4000	25° x 85°	8.8
545001109500	LEDHighbay-Lin-P 240W-BLE2-840-W-EM3	HID 2x400W	240	43200	180	4000	110°	8.8
545001110100	LEDHighbay-Lin-P 240W-BLE2-840-AS-EM3	HID 2x400W	240	43200	180 <td 4000	60° x 105°	8.8	

Accessories



545098010600
LEDHighbay-Lin-P Rotatable Bracket

Technical Specifications

Lifetime (L70)	120,000 h
Lifetime (L80)	80,000 h
On-/Off-cycles	100,000
Colour consistency (SDCM)	4
Dimmability	DALI2 / BLE2
Finishing	Grey Pantone 417U
RAL-Number	9022
Colour rendering index (CRI)	> 80
Ingress Protection (IP)	IP66
Impact strength (IK)	IK10
Protection class	I
Risk group (EN 62471)	RG1
With control gear	Yes
Glow wire test	850°C
Driver failure rate (at 5,000 hrs)	< 1%
Power factor	> 0.95
Surge protection (kV)	4kV

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

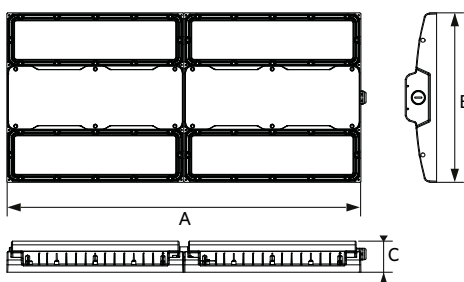
Housing material	Aluminium
Optical material	Polycarbonate

Ambient Conditions

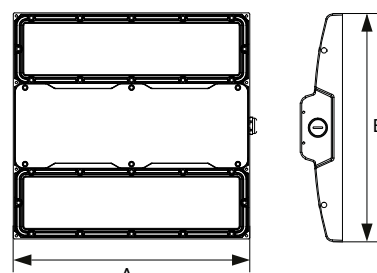
Operating temperature	-25 - 45°C
Operating temperature (EM)	0 - 45°C
Application temperature	25°C
Storage environment	-30 - 50°C
Storage environment (EM)	-10 - 50°C



Dimensional Drawing (mm)



Type	A	B	C
240W	680	325	60
300W	680	325	60



Type	A	B	C
150W	340	325	60