

DURA LED Highbay-High Lumen

130
Lm / W

Sisesh Behuray &
Nitin Bahl
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Contents

- Product Specifications
- Product Positioning
- Product Features and Benefits
- Product Photometry
- Product Benchmarking
- Application Areas
- Product Designation
- Product Ordering Information
- Mounting Instruction

Efficient lighting leads to a brighter future



130
Lm / W



Features :

- **Best energy-efficiency :** System efficacy of **130 lm/W**, 1:1 replacement of 250W HPI BU Lamp
- **Comfortable light:** CRI of 80 for ensures better color rendering
- **Optimal lighting effects:** new light platform & optical design reduce 20% glare
- **Robust & Reliable:** IP66 & IK 08 protection and 50K hours system life time
- **Industry Application:** Available with NB & WB optics and suited for ambient temperature upto 45 deg C
- **Reduced Weight:** Max 6 kg

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S No.	Description	BY 325P- 13000 Lm	BY 325P -15500 Lm
1	System Lumen	13000	15500
2	CCT	6500K	6500K
3	CRI	>80	>80
4	SDCM	< 5	< 5
5	IP	66	66
6	IK	08	08
7	Mounting	Eyebolt	Eyebolt
8	Efficacy	130 Lm/W	130 Lm/W
9	Surge	4KV	4 KV
11	Driver	Fixed output	Fixed output
12	LED	Mid Power	Mid Power
13	Housing	Pressure Die Cast Housing	Pressure Die Cast Housing
14	THD	≤10%(At Full Load)	≤10%(At Full Load)
15	Input Over Voltage Cut Off	Auto Shutdown at 325+-15V and Auto Recovery	Auto Shutdown at 325+-15V and Auto Recovery
16	Optical Covers	Glass	Glass
17	Wattage	100W	120W
18	LILO	Available on Demand	Available on Demand
19	Additional SPD	Available on Demand (ETO)	Available on Demand (ETO)
20	Optics	NB & WB	NB & WB
21	EMC /EMI	Compliant	Compliant

Highbay Positioning

Height in Meters

> 15 m

14 – 15 m

8 – 10 m



From 15-20 meters

- Efficacy 110 L/W
- Multiple Optics for varied applications
- ENB- FWHM 20° for 22 meters and above
- NB – FWHM 60°
- IP 65 , IK 08
- PDC Housing
- CRI : 70



From 8-10 meters



Upto 12- 15 meters

- Efficacy : 100-130 L/W
- Multiple optics for varied applications
- IP 65-66, IK 08
- CRI : 80



Product

Features and benefits

Use with peace of mind

- 4KV Surge Protection
- IK08 classification
- IP66 certified
- Efficacy : 130 Lm/w
- CRI>80
- Point to point replacement for a HPI 250W Highbay

Reliable Savings, lasting brightness
High performance in a robust and compact design



Long-lasting performance

- Designed for energy savings of up to 75% compared with conventional lighting
- L70 50k hours*

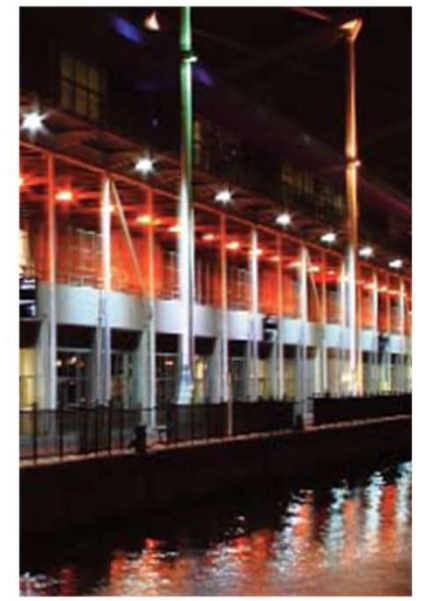
**Designed to sustain 70% of initial lumen output (L70) at 50,000 hours of lifetime*

High-quality materials and design

- Toughened and shatter-proof quality glass enhances safety
- Pressure die-cast housing offers excellent corrosion-resistance and⁵ robustness

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Product Specification Sheet



Endura LED Highbay BYP325

Comfortable light

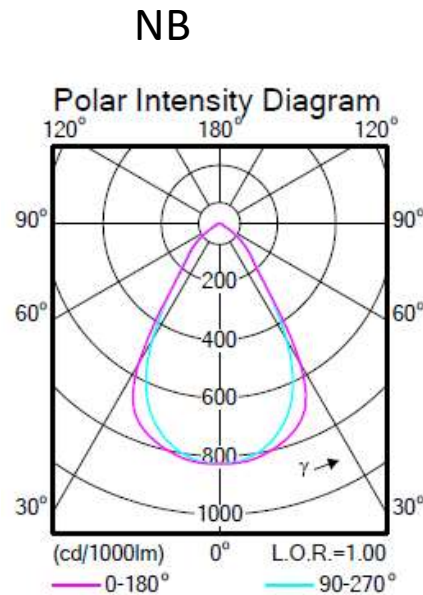


HPI 250W
CRI<70

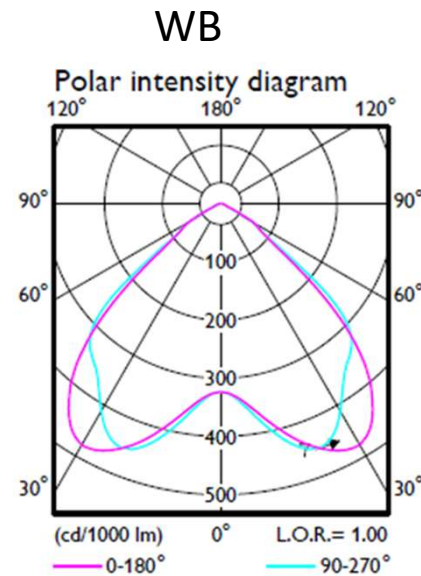
BY325P 80W
CRI>80

Optimal lighting effects

- New designed optic module allows $UGR < 25$
- Two beam angle, WB, NB



- Narrow beam
- FWHM 60°
- rotational symmetry
- centralized beam fit for high ceiling



- Wide beam
- FWHM 110°
- rotational symmetry
- fit for low ceiling and general lighting



What does this product compare with?

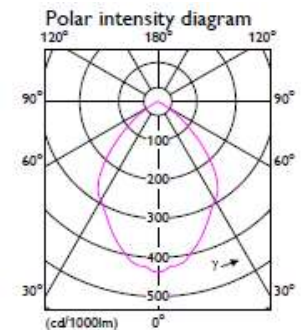
Best Energy Efficiency

Parameter	250W HPI BU High Bay-Market	Endura LED Highbay
Lamp wattage	HPI BU 250W	120W LED System
Lamp lumen output	20000	
Luminaire efficiency	.70	
Effective lumen output	14000	15500
System wattage	277W	120
Savings		~157W Per point
		>55% Per point

Savings < 55% against the conventional Highbay on EM (SON) Gear

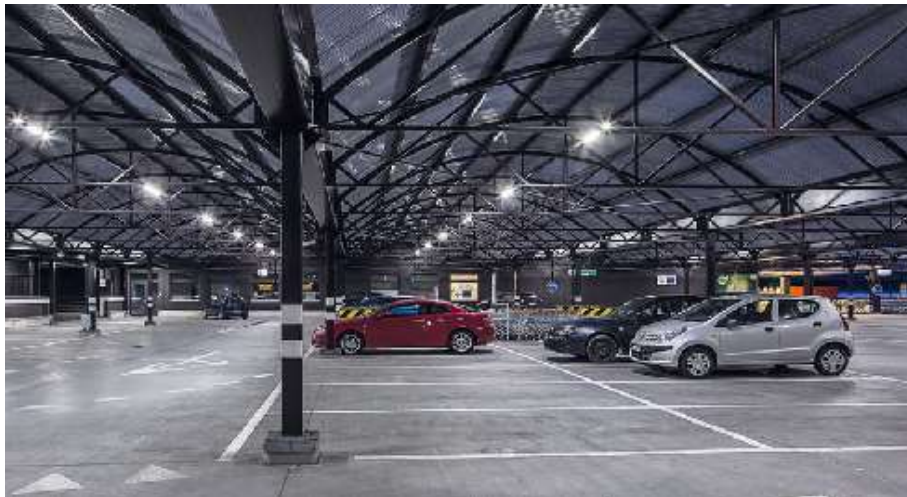
Downward Light Output Ratio = DLOR

= Optical efficiency of the conventional luminaire in throwing the light downward compared to the lumens generated by the lamp inside the optical chamber.



Light output ratio	0.65
Service upward	0.00
Service downward	0.65

Versatile Application areas



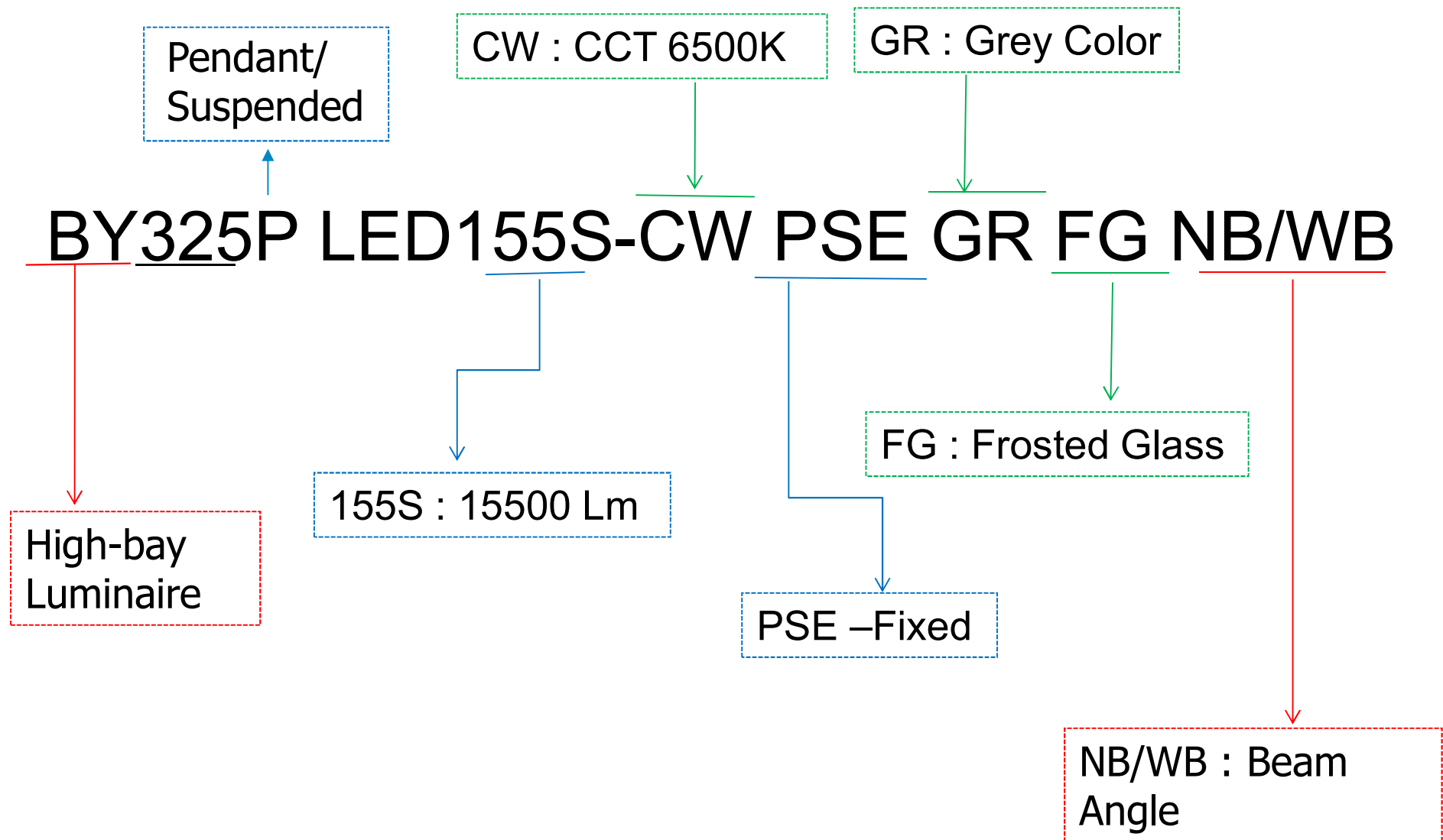
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Ordering Codes

S No.	Mounting Type	12 NC	Item Description	Qty Per Box
1	Dura LED Highbay	9195 158 12338	BY325P LED130S CW PSE GR FG NB	1
2	Dura LED Highbay	9195 158 12339	BY325P LED130S CW PSE GR FG WB	1
3	Dura LED Highbay	9195 158 12340	BY325P LED155S CW PSE GR FG NB	1
4	Dura LED Highbay	9195 158 12341	BY325P LED155S CW PSE GR FG WB	1

SPARE DRIVER 12 NC

S No.	Mounting Type	12 NC	Item Description	Spare Driver 12 NC
1	Dura LED Highbay	919515812338	BY325P LED130S CW PSE GR FG NB	929001420506
2	Dura LED Highbay	919515812339	BY325P LED130S CW PSE GR FG WB	929001420506
3	Dura LED Highbay	919515812340	BY325P LED155S CW PSE GR FG NB	929001420606
4	Dura LED Highbay	919515812341	BY325P LED155S CW PSE GR FG WB	929001420606

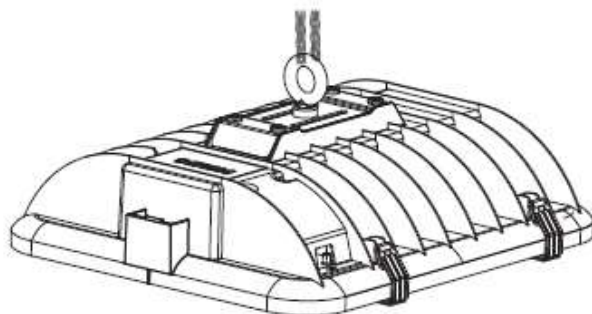


How to read the Cat ref

Mounting Instructions

Installation Instruction

Philips
Lighting



TYPE	: BY325P
LAMP	: LED
VOLTAGE	: 240 V, 50 Hz
IP CLASSIFICATION	: IP 66
NET WEIGHT	: 5.8 Kg.
MAX. PROJECTED AREA	: 0.1 m ²
CCT	: 6500 K
APPLICATION	: LED HIGHBAY

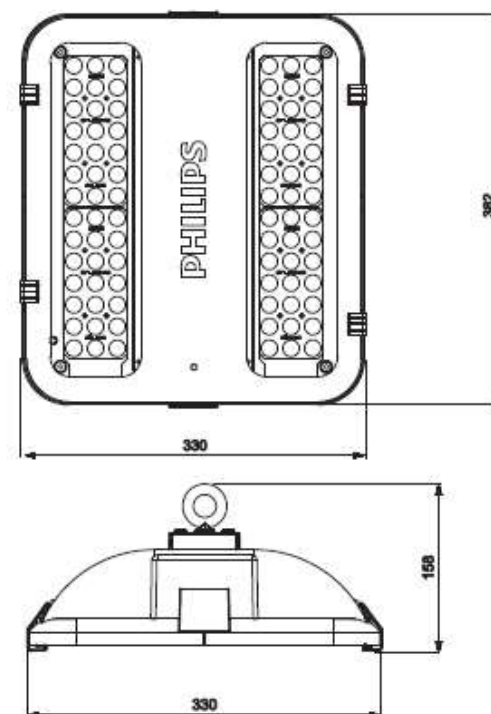
IP-66

Ta-45



Dimensions

Indoor Luminaire



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