

The background of the advertisement is a photograph of a large industrial factory interior. In the foreground, a large, circular, white Philips GreenPerform Highbay Luminaire is suspended from the ceiling. The luminaire has a dark outer ring with the Philips logo and a white, ribbed central disc. The factory floor is dark and polished, with yellow safety lines. In the background, there are various industrial machines, including a large blue and white machine with the 'LTG' logo. The ceiling is high with exposed metal beams and pipes. The overall lighting is a mix of the bright light from the luminaire and the ambient light from the factory windows.

PHILIPS

GreenPerform
Highbay Luminaire

BY698P

Philips GreenPerform Highbay Luminaire

Series BY698P

High-performance, versatile and connected
lighting solutions for professionals

Philips GreenPerform Highbay Luminaire

An attractive, functional and competitive lighting solution

Following the success of previous GreenPerform Highbay families, GreenPerform Highbay Generation 2 strives to achieve an even better price versus performance balance.

The new family offers a wide product portfolio, competitive specifications with long term reliability, and quality to suit the majority of industrial applications.



Features



System efficacy 135 lm/W – Excellent energy savings.



Round luminous area – Easy on-site calibration and uniform look.



High ingress and impact protection ratings – Robust and reliable application performance.



50,000 hours rated life / 5 years warranty – Long application lifetime and peace of mind.



DALI options – Easy control and monitoring beyond illumination.

**IP65
IK08**

**50,000
hours
L70**

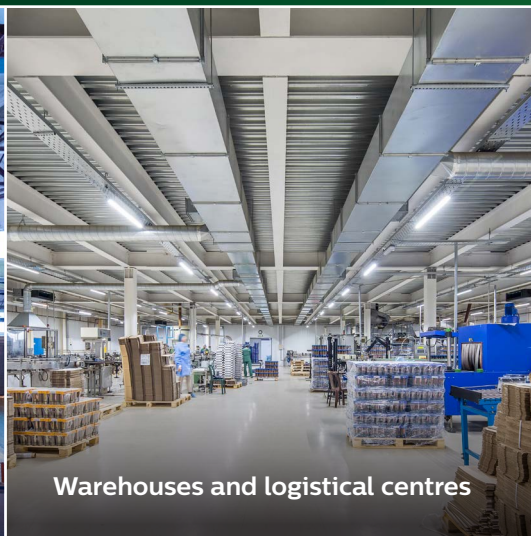
**5
year
warranty**

DALI

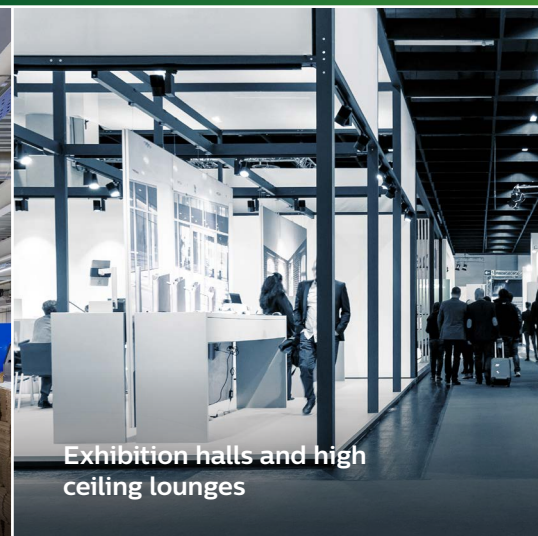
Applications



General manufacturing



Warehouses and logistical centres



Exhibition halls and high ceiling lounges

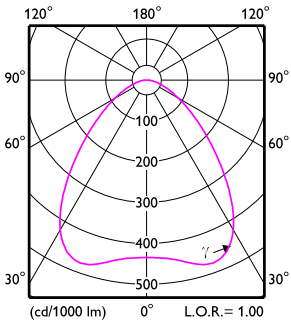
Technical specifications

Model	GreenPerform G2 – BY698P		
Type	LED155	LED205	LED265
System lumens (lm)	15500	20500	26500
System power (W)	115 (PSU) / 124 (PSD - DALI)	149 (PSU) / 161 (PSD - DALI)	192 (PSU) / 207 (PSD - DALI)
System efficacy (lm/W)	125 - 135lm/W		
CCT (K)	CW (5000K) / NW (4000K)		
CRI	> 80		
SDCM	5		
Beam angle	Wide Beam; Narrow Beam*		
IP / IK rating	IP65 / IK08		
Operating temperature	PSU: -30°C to +50°C PSD: -30°C to +45°C		
Lifetime	50,000hrs (L70B50 @ 35°C)		
Input voltage	220 to 240 V, 50/60 Hz		
Power factor	0.95		
Electrical class	Class I		
Driver	PSU or PSD (DALI)		
Mounting type	Hook and 3m flex & plug included in the box Optional: Pipe; Bracket		
Housing colour	Grey		
Material	Aluminium die-casting		
Surge protection	2kV/4kV SPD (Surge Protection Device)		

*NB (Narrow Beam) Optic offered as ETO (Engineered To Order)

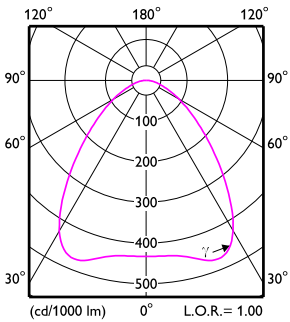
Polar intensity diagrams

LED155



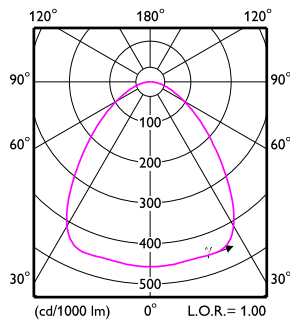
WB (Wide Beam)

LED205

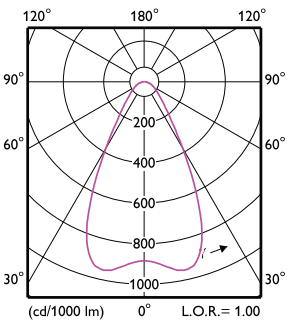


WB (Wide Beam)

LED265

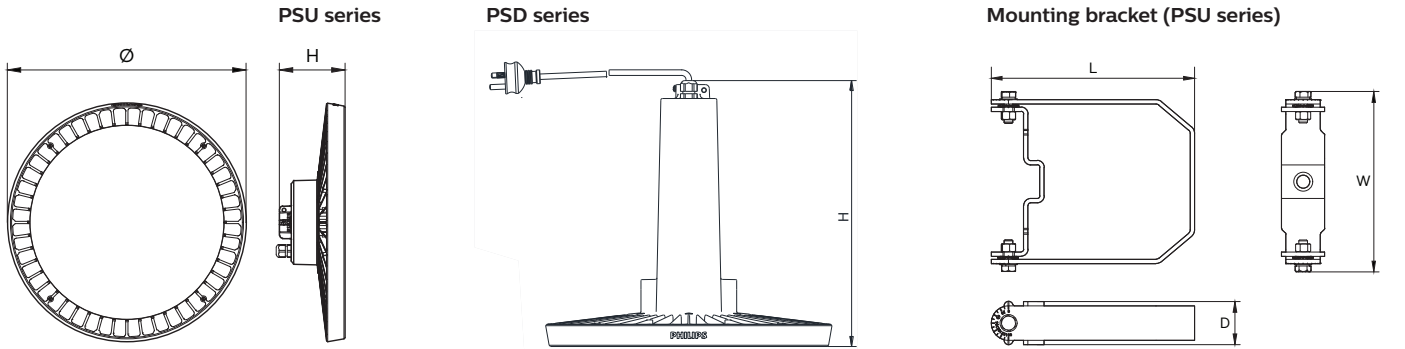


WB (Wide Beam)



NB (Narrow Beam)

Dimensions



Type	LED155	LED205	LED265	Mounting Bracket
Length (L) mm	-	-	-	235.8 PSU
Width (W) mm	-	-	-	208.7
Height (H) mm (PSD)	335	335	335	-
Height (H) mm (PSU)	99	99	99	50
Diameter (Ø) mm	307	360	416	-
Weight (Kg)	2.5 (PSU) / 4.1 (PSD)	3.2 (PSU) / 4.8 (PSD)	4.1 (PSU) / 6.5 (PSD)	

Order placement information

Order Codes	Technical Description	Specification
911401535661	BY698P LED155/840 PSD WB CAU G2	GreenPerform Highbay G2, 124W, 15500lm, 4000K, DALI, Wide Beam, 3m Flex & Plug
911401535961	BY698P LED155/850 PSD WB CAU G2	GreenPerform Highbay G2, 124W, 15500lm, 5000K, DALI, Wide Beam, 3m Flex & Plug
911401535761	BY698P LED205/840 PSD WB CAU G2	GreenPerform Highbay G2, 161W, 20500lm, 4000K, DALI, Wide Beam, 3m Flex & Plug
911401536061	BY698P LED205/850 PSD WB CAU G2	GreenPerform Highbay G2, 161W, 20500lm, 5000K, DALI, Wide Beam, 3m Flex & Plug
911401535861	BY698P LED265/840 PSD WB CAU G2	GreenPerform Highbay G2, 207W, 26500lm, 4000K, DALI, Wide Beam, 3m Flex & Plug
911401536161	BY698P LED265/850 PSD WB CAU G2	GreenPerform Highbay G2, 207W, 26500lm, 5000K, DALI, Wide Beam, 3m Flex & Plug
911401518661	BY698P LED155/840 PSU WB CAU G2 CL	115W, 15500lm, 4000K, Fixed Output, Wide Beam, 3m Flex & Plug, Coreline
911401518961	BY698P LED155/850 PSU WB CAU G2 CL	115W, 15500lm, 5000K, Fixed Output, Wide Beam, 3m Flex & Plug, Coreline
911401518761	BY698P LED205/840 PSU WB CAU G2 CL	207W, 20500lm, 4000K, Fixed Output, Wide Beam, 3m Flex & Plug, Coreline
911401519061	BY698P LED205/850 PSU WB CAU G2 CL	207W, 20500lm, 5000K, Fixed Output, Wide Beam, 3m Flex & Plug, Coreline
911401518861	BY698P LED265/840 PSU WB CAU G2 CL	192W, 26500lm, 4000K, Fixed Output, Wide Beam, 3m Flex & Plug, Coreline
911401519161	BY698P LED265/850 PSU WB CAU G2 CL	192W, 26500lm, 5000K, Fixed Output, Wide Beam, 3m Flex & Plug, Coreline
911401523561	BY698Z PSD MB G2	Mounting Bracket, DALI
911401523461	BY698Z PSU MB G2	Mounting Bracket, Fixed Output
911401523361	BY698Z R-AL L G2	Reflector, Large, to suit LED155
911401523261	BY698Z R-AL M G2	Reflector, Medium, to suit LED205
911401523161	BY698Z R-AL S G2	Reflector, Small, to suit LED265



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