PHILIPS

Indoor Lighting

GreenPerform Highbay
BY698P G2

Competitive industry solution with well accepted look & feel

Following the success of GreenPerform Highbay families, GreenPerform Highbay NEW GEN is continuously exploring a better price & performance balance. The product family offers wide product ranges, competitive enough SPEC with long term quality & reliability, covering most of the potential industrial applications.

Features and benefits

- Strong energy saving story
- Better & easier on site calibration
- Robust & Reliable with a long service lifetime
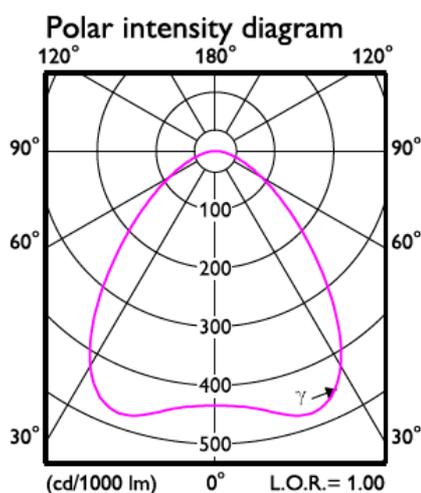- Various application requirements satisfied with complete product family

Application

- General manufacturing
- Warehouses & logistical centers
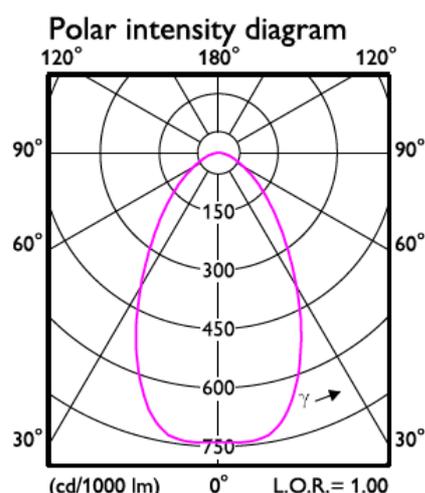- Exhibition halls & high ceiling lounges

Product Data

Types (BY698P G2)	LED68	LED105	LED155	LED205	LED265
Lumen Output (typ.)	6800lm	10500lm	15500lm	20500lm	26500lm
System Power – PSU(typ.)	52W	78W	115W	149W	192W
System efficacy	Typ. 130lm/W – 6800lm version Typ. 135lm/W – other lumen versions				
CCT (typ.)	CW (6500K)/ NW (4000K)				
CRI	> 80				
Color consistency	5 SDCM				
IP/IK rating	IP65/ IK08				
Classification	Class I				
Operation Temperature	-30°C to +50°C (Ta35^{o}C)				
Lifetime (hrs)	50,000 hrs (Calculated L70B50) @35°C				
Optics	WB; NB				
Input Voltage	220-240V, 50/60 Hz				
Power factor	0.95				
Surge projection	2KV/4KV				
THD	<20% - 6800lm version <15% - other lumen version				
Mounting / Installation	Hook (included in the box for GM version, NOT included in the box for GC version); Optional: Pipe; Bracket				
Housing	Aluminum die-casting				
Diameter (mm)	Φ307	Φ307	Φ307	Φ360	Φ416
Height (mm)	99	99	99	99	99
Weight (KGS)	2.5	2.5	2.5	3.2	4.0
Certificate	CCC/CB/EMC/CE LM79 for key runner				

Photometry

WB

NB

Order Information

12NC	Description	Specification
911401516661	BY698P LED68/CW PSU NB GM G2	52W, 6800lm, 6500K, fixed output, narrow beam
911401516761	BY698P LED68/CW PSU WB GM G2	52W, 6800lm, 6500K, fixed output, wide beam
911401516861	BY698P LED68/NW PSU NB GM G2	52W, 6800lm, 4000K, fixed output, narrow beam
911401516961	BY698P LED68/NW PSU WB GM G2	52W, 6800lm, 4000K, fixed output, wide beam
911401517061	BY698P LED105/CW PSU NB GM G2	78W, 10500lm, 6500K, fixed output, narrow beam
911401517161	BY698P LED105/CW PSU WB GM G2	78W, 10500lm, 6500K, fixed output, wide beam
911401517261	BY698P LED105/NW PSU NB GM G2	78W, 10500lm, 4000K, fixed output, narrow beam
911401517361	BY698P LED105/NW PSU WB GM G2	78W, 10500lm, 4000K, fixed output, wide beam
911401517461	BY698P LED155/CW PSU NB GM G2	115W, 15500lm, 6500K, fixed output, narrow beam
911401517561	BY698P LED155/CW PSU WB GM G2	115W, 15500lm, 6500K, fixed output, wide beam
911401517661	BY698P LED155/NW PSU NB GM G2	115W, 15500lm, 4000K, fixed output, narrow beam
911401517761	BY698P LED155/NW PSU WB GM G2	115W, 15500lm, 4000K, fixed output, wide beam
911401517861	BY698P LED205/CW PSU NB GM G2	149W, 20500lm, 6500K, fixed output, narrow beam
911401517961	BY698P LED205/CW PSU WB GM G2	149W, 20500lm, 6500K, fixed output, wide beam
911401518061	BY698P LED205/NW PSU NB GM G2	149W, 20500lm, 4000K, fixed output, narrow beam
911401518161	BY698P LED205/NW PSU WB GM G2	149W, 20500lm, 4000K, fixed output, wide beam
911401518261	BY698P LED265/CW PSU NB GM G2	192W, 26500lm, 6500K, fixed output, narrow beam
911401518361	BY698P LED265/CW PSU WB GM G2	192W, 26500lm, 6500K, fixed output, wide beam
911401518461	BY698P LED265/NW PSU NB GM G2	192W, 26500lm, 4000K, fixed output, narrow beam
911401518561	BY698P LED265/NW PSU WB GM G2	192W, 26500lm, 4000K, fixed output, wide beam

Accessories to be released soon:

12NC	Description	Specification
911401523161	BY698Z R-AL S G2	BY698P LED68/105/155 G2
911401523261	BY698Z R-AL M G2	BY698P LED205 G2
911401523361	BY698Z R-AL L G2	BY698P LED265 G2
911401523461	BY698Z PSU MB G2	Mounting bracket for PSU version.
911401565101	BY698Z hook accessory	Included in the GM packaging box, but NOT included in the GC packaging box.

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