

PHILIPS

SmartBright

BY498P

REAL
PROs
REAL
QUALITY



Classic, economical and reliable Highbay

Trusted performance, everyday.

GreenUp Round Highbay range of luminaires provides the optimal balance between basic performance and price. The family covers a wide product range with a variety of options, competitive specifications, and long-term quality and reliability. The range is suitable for most industrial applications.

Features and benefits

- ✓ 140lm/W system efficacy, excellent energy savings, great value for money
- ✓ Wide beam options, a range of lumen packages for different applications
- ✓ Narrow beam available for order
- ✓ IP65/IK06 protection, 50K hrs lifetime @Ta35°C, robust and reliable
- ✓ -20°C to 45°C working temperature

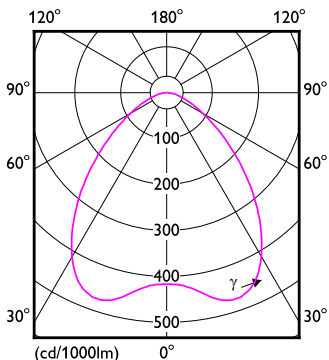
Applications

- ✓ General manufacturing
- ✓ Warehouses & logistical centres

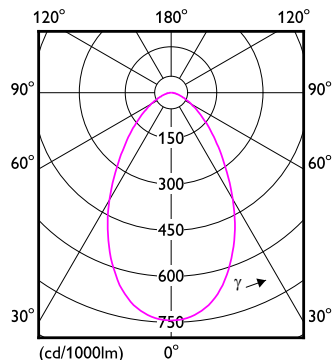
Product data

Type	Types (BY498P PSU)			
	LED100	LED150	LED180	LED245
Lumen Output (typ.)	10000lm	15000lm	18000lm	24500lm
System Power (typ.)	78W	118W	140W	187W
Tolerance	-10%/10%			
System Efficacy (typ.)	128lm/W	127lm/W	129lm/WCW	131lm/W
CCT (typ.)	NW (4000K) / 5000K			
CRI	> 80			
Colour consistency	5 SDCM			
IP/IK rating	IP65 / IK06			
Classification	Class I			
Operation Temperature	-20°C to +45°C (Ta35°C)			
Daily on/off operation	≤ 2 cycle			
Lifetime	30K hrs L70B50 @35°C			
Optics	WB; NB			
Reflector Accessory	BY698Z S G2	BY698Z S G2	BY698Z S G2	BY698Z M G2
Input Voltage	220-240V, 50/60 Hz			
Power factor	0.9			
Surge projection	2KV/4KV			
THD	<15% (for >15000lm)			
Mounting / Installation	Suspension (Loop/Pipe); Surfaced (Bracket) (Loop default included in the box for CAU version, NOT included in the box for GC version); Optional: Pipe; Bracket			
Warranty	3 years			
Diameter (mm)	Ø278	Ø278	Ø305	Ø358
Height (mm)	89	89	99	99
Weight (KGS)	1.9	1.9	2.3	3
Certification	CCC/CB/EMC/CE/SAA			

Photometry



WB



NB

Ordering Information

12NC	Description	Specification	Order code
911401673607	BY498P LED100/840 PSU WB CAU	78W, 10000lm, 4000K, fixed output, wide beam, 3m cable+plug	BY498P78WNWWB
911401673707	BY498P LED100/850 PSU WB CAU	78W, 10000lm, 5000K, fixed output, wide beam, 3m cable+plug	BY498P78WCWWB
911401673807	BY498P LED150/840 PSU WB CAU	118W, 15000lm, 4000K, fixed output, wide beam, 3m cable+plug	BY498P118WNWWB
911401673907	BY498P LED150/850 PSU WB CAU	118W, 15000lm, 5000K, fixed output, wide beam, 3m cable+plug	BY498P118WCWWB
911401649607	BY498P LED180/840 PSU WB CAU	140W, 18000lm, 4000K, fixed output, wide beam, 3m cable+plug	BY498P140WNWNB
911401649707	BY498P LED180/850 PSU WB CAU	140W, 18000lm, 5000K, fixed output, wide beam, 3m cable+plug	BY498P140WCWWB
911401650007	BY498P LED180/840 PSU NB CAU	140W, 18000lm, 4000K, fixed output, narrow beam, 3m cable+plug	BY498P140WNWNB
911401650107	BY498P LED180/850 PSU NB CAU	140W, 18000lm, 5000K, fixed output, narrow beam, 3m cable+plug	BY498P140WCWNB
911401649807	BY498P LED245/840 PSU WB CAU	187W, 24500lm, 4000K, fixed output, wide beam, 3m cable+plug	BY498P187WNWWB
911401649907	BY498P LED245/850 PSU WB CAU	187W, 24500lm, 5000K, fixed output, wide beam, 3m cable+plug	BY498P187WCWWB
911401650207	BY498P LED245/840 PSU NB CAU	187W, 24500lm, 4000K, fixed output, narrow beam, 3m cable+plug	BY498P187WNWNB
911401650307	BY498P LED245/850 PSU NB CAU	187W, 24500lm, 5000K, fixed output, narrow beam, 3m cable+plug	BY498P187WCWNB

Accessories

12NC	Description	Specification
911401523161	BY698Z R-AL S G2	BY498P LED100/150/180
911401523261	BY698Z R-AL M G2	BY498P LED245
911401676907	BY518Z PSU Mounting Bracket	Mounting Bracket