

# Powerbay

Suspended LED high bay luminaire for medium height applications



Diffused Lens Wide Beam



Refractor Lens Wide Beam

## Optics

- Nominal output 8,800 to 20,000 lumens (70 to 154W)
- 4000K, Ra80 LED
- Open body with medium or wide beam distribution
- Decorative refractor option with wide beam distribution

## Body

- IP40
- IK08 rated body (excluding refractor)
- Die cast aluminium body, finished in silver RAL 9006
- Supplied with suspension ring and carabiner for simple installation
- Optional 5m suspension kit, supplied separately
- Integral emergency options:
  - 3 hour self contained
  - 3 hour COMEUPS addressable
- Supplied with plug and socket for quick installation
- Dali driver as standard
- Ambient operating temperature range:
  - Standard: -20°C up to 40°C
  - Emergency: 0°C up to 30°C

# Order codes

## Clear Lens Medium Beam

Medium beam, disc	Standard	3hr Emergency	LL/CW	L70
10,255 lumen, 70W	PBY14KM	PBY14KMEM	146	50k
19,916 lumen, 154W	PBY24KM	PBY24KMEM	129	50k

## Diffused Lens Wide Beam

Wide beam, disc	Standard	3hr Emergency	LL/CW	L70
9860 lumen, 70W	PBY14KW	PBY14KWEM	141	50k
17,782 lumen, 141W	PBY24KW	PBY24KWEM	126	50k

## Refractor Lens Wide Beam

Wide beam, refractor	Standard	3hr Emergency	LL/CW	L70
8837 lumen, 70W	PBY14KWR*	PBY14KWREM*	126	50k
15,852 lumen, 140W	PBY24KWR*	PBY24KWREM*	113	50k
* Requires refractor to be ordered separately EC50				

## Options

COMEPS	PBY14KMEP
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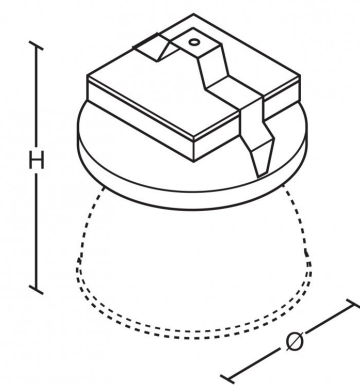
## Accessories

5m suspension Kit	PBYSUSKIT
Refractor	EC50

# LED Performance

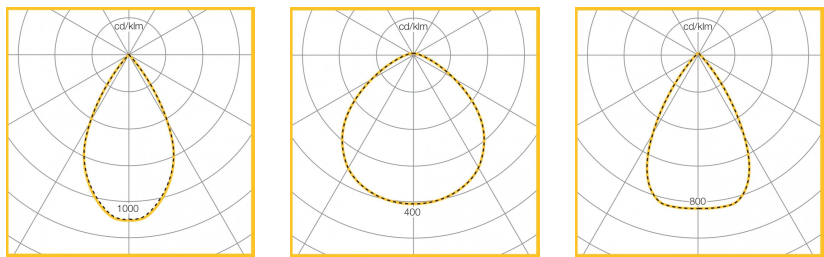
Colour Temp	RA (CRI)	Colour consistency
4000K	>80	MacAdam 3 SDCM

# Dimensions



VERSION	H	KG	KG(EM)	Ø
Open	186	7.2	8.2	415
Refractor	460	9.2	10.2	570

# Photometric Performance



Medium beam  
19916 lumen  
154W  
LOR = 100%

Wide beam 17782  
lumen 141W  
LOR = 100%

Refractor 15852  
lumen 140W  
LOR = 100%

# To Specify

IP40 Suspended LED high bay with open body or refractor lens to offer a range of lighting distributions. Supplied with Dali driver and fitted lead and plug for quick installation – as Whitecroft Lighting POWERBAY