



• **PC Reflector**  
90° PC Reflector  
Optional Lid available on request  
Model No. **MBL-HBPA80-150REF** (80w-150w)  
Model No. **MBL-HBPA100-200REF** (100w-200w)



• **Aluminium Reflector**  
Different beam angles, anti glare effect, black/silver colour options  
80w-150w - 65°, 90°, 110°  
100w-200w - 90°  
Model No. **MBL-HBPA80-150REF65** (80w-150w)  
Model No. **MBL-HBPA80-150REF90** (80w-150w)  
Model No. **MBL-HBPA80-150REF110** (80w-150w)  
Model No. **MBL-HBPA100-200REF90** (100w-200w)



• **60° U Bracket**  
(Allowing you to fix your highbay to a ceiling or beam/pole with no movement from wind & other elements)  
Model No. **MBL-HBPA80-150UB** (80w-150w)  
Model No. **MBL-HBPA100-200UB** (100w-200w)

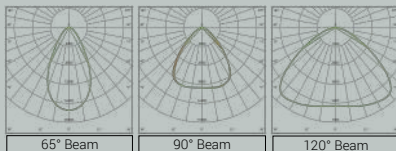


• **Dimmable & Non Dimmable Microwave Motion Sensor**  
Mounting Height: Max 40ft (12meters)  
Detection Radius: 20% | 50% | 75% | 100% (1-8 meters)  
• **PIR Sensor**  
Mounting Height: Max 40ft (12meters)  
Detection Radius: 20% | 50% | 75% | 100% (1-8 meters)  
Using the sensor allows you to maximise the energy saving throughout all areas when unattended or with low traffic.  
Model No. **MBL-HBPA-SENSOR** (80w-150w & 100w-200w)

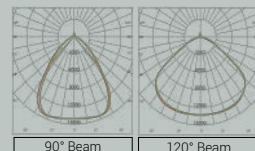


• **Remote for Microwave & PIR Sensor**  
Take control and customise your lighting to suit your operation.  
Remote Range: 50ft. (15 meters) Indoors  
Time Setting: 10s | 1min | 5min | 10min | 15min | 20min | 30min | 60min  
Light Control: 24H | 10 Lux | 30 Lux | 50 Lux  
Model No. **MBL-HBPA-REMOTE** (80w-150w & 100w-200w)

150Watt Beam Angle



200Watt Beam Angle



Electical Information		
Model No.	MBHBPA80-150-5K	MBHBPA100-200-5K
Power Consumption (±10%)	150W-120W-100W-80W Adjustable	200W-150W-120W-100W Adjustable
Power Supply	Lifud	
Input Voltage	200-240VAC, 50-60Hz	
Power Factor	>0.92	
Surge Protection	4kV Line-line, 6kV Line-earth	
Driver Type	Constant Current	
Control	Dimmable and Non-Dimmable, Microwave Motion Sensor PIR Sensor	

Optic Information		
LED Type	LED 2835	
Luminous Flux (±10%)	12,000lm - 22,500lm	15,000lm - 30,000lm
Efficacy (5000K Ra80)	150lm/w	
Correlated Colour Temp	5000K (3000K, 4000K Optional)	
Colour Rendering Index	Ra80	
Beam Angle	65° 90° 120°	90° 120°
UGR Level	>25.6	>25.8

Dimensions and Mount		
Dimensions	298x167mm	364x166mm
Luminair Net Weight	2.3±0.3kg	2.9±0.3kg
Carton Size	360x360x210mm	430x430x210mm
Gross Weight	3.3±0.3kg	4.5±0.3kg
Mounting Option	Loop Hanging	
	Ceiling Mount	
Material	Aluminum Alloy	
	Polycarbonate Optical Lens	
Finish	Powder Coating	
Fixture Colour	Black	
IK Rating	IK08	
IP Rating	IP65	

Lifespan and Warranty	
Operation Temperature	Normal: -30°C to +50°C (-22°F to 122°F)
	Sensor Version: 0°C to + 50°C (32°F to 122°F)
Life Time of LED @ Ta=25°C	64,000 hrs-L80
	101,000 hrs-L70
Warranty	5 Year

Project Name

Type

Qty

Comments