

FEATURES

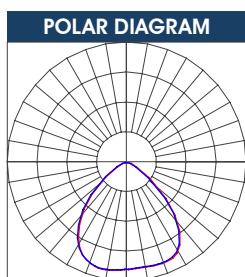
- High Efficiency (140 Lumens/W)
- Wide input voltage range (90/100-305Vac) for protection against voltage fluctuation
- Up to 10kV surge protection for protection against transient voltage
- SAMSUNG LED (LM80)
- 50,000 hours design life
- Suitable for heavy duty industrial applications
- CE and TIS (Thailand) Certified



MODELS	HBCR-600	HBCR-800	HBCR-1000	HBCR-1500	HBCR-2000
System Power	60W	80W	100W	150W	200W
LED Chips/Packages	SAMSUNG				
Color Temperature	2700K, 3000K, 4000K, 5000K, 5700K, 6500K (Standard Model)				
CRI	80 Ra				
Luminous Efficacy	140 Lumens/W				
Driver*	Meanwell or Inventronics				
Input Voltage*	90-305 Vac or 100-305 Vac				
Driver Efficiency*	> 92%				
Power Factor*	> 0.9				
Surge Protection*	4kV (Line-Line); 6kV (Line-Earth) or 6kV (Line-Line); 10kV (Line-Earth)				
Dimming	Non-dimmable (Optional Dimmable)				
Beam Angle	90°, 120°				
Operating Temperature	-40 ~ +40°C				
Operating Humidity	95% RH				
Design Life	50,000 Hours (B50, L70)				
Housing Color	Black				
Housing Material	Aluminum				
Diffuser Material	PMMA				
Ingress Protection	IP65				
Net Weight	1.7kg	1.9kg	2.0kg	2.5kg	3.5kg
Product Size	Ø180 x H210 mm			Ø216 x H210 mm	Ø248 x H205 mm

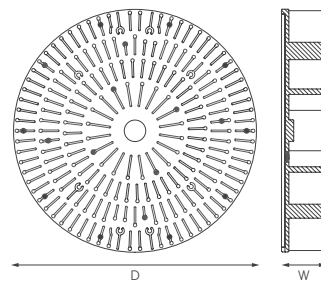
+ Specifications are subject to changes without notice.

* Power supply specifications may vary depending on the specific power supply brand and model.



CONE LUX DIAGRAM			
CENTER BEAM LUX		BEAM WIDTH	
2.5 m	1,454.0 LUX	5.0 m	5.2 m
5.0 m	364.0 LUX	10.0 m	10.3 m
7.5 m	161.0 LUX	15.0 m	15.5 m
10.0 m	90.8 LUX	20.0 m	20.6 m
12.5 m	58.1 LUX	25.0 m	25.8 m
15.0 m	40.4 LUX	30.0 m	31.0 m

■ VERTICAL SPREAD: 90° ■ HORIZONTAL SPREAD: 92°



Unit: mm

MODEL	DIAMETER (D)	HEIGHT (H)
HBCR-600	180	205
HBCR-800	180	205
HBCR-1000	180	205
HBCR-1400	216	210
HBCR-1800	248	205

* Photometric test results of only 140W, 90 degree is presented. Test results of other wattage are available upon request.

ORDERING INFORMATION: e.g., HBCR-100065N-8090											
SERIES		WATTAGE		CCT		DIMMING		CRI		BEAM ANGLE	
HBCR	"REX" HIGHBAY	600	60W	27	2700K	N D	NON-DIMMABLE DIMMABLE	80	80 Ra	90 120	90° 120°
		800	80W	30	3000K						
		1000	100W	40	4000K						
		1400	140W	50	5000K						
		1400	140W	57	5700K						
		1800	180W	65	6500K						