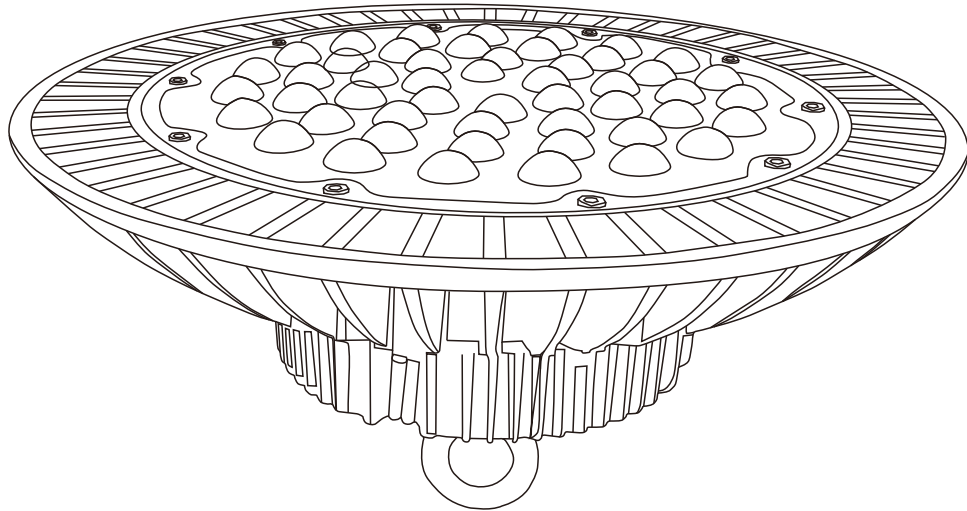


HYUNDAI

L I G H T I N G




High Bay

100W

6500k

Technical Datasheet

Item code	HYD-701		
A、 Appearance Description			
	Component Name	Material	Technics
	Heatsink	Die casting Aluminum	
	90°Lens	PC	
B、 Structure			
Item code	HYD-701-100W	HYD-701-150W	HYD-701-200W
Weight	2250g	3350g	5150g
Dimension(mm)	Φ250*160mm	Φ300*170mm	Φ350*180mm
Cutout(mm)	N/A		
Driver	Non-Isolated Driver		
External Wire Diameter, Insulation Material And Temperature Resistance			
Protection Grade	IP65		
Installation Method	Loop		
C、 Product Certificate			
Standards	■ IEC60598 Series	■ ROHS	
	■ IEC61347 Series	■ SASO 2902	
	■ IEC62031 Series		
D、 Power Driver Data			
Supply Voltage (V)	220-240V		
Supply Frequency (Hz)	50-60Hz		
Supply Current (mA)	0.7A Max	0.9A Max	1.1A Max
Power Consumption (W)	100W	150W	200W
Power Factor	>0.9		

THD (%)	≤15%		
Flickering	Non-Flickering		
LED Driver Current (mA)	400mA	600mA	800mA
LED Driver Voltage (V)	180-260V		
LED Driver Efficiency (%)	≥95%		
Work Temperature (°C)	-10-45°C		
Storage Temperature (°C)	-25-60°C		

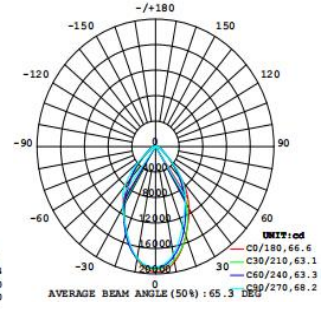
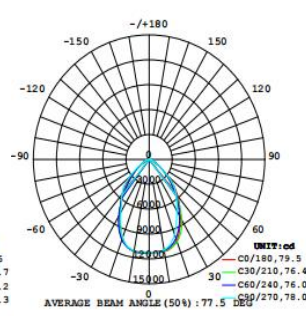
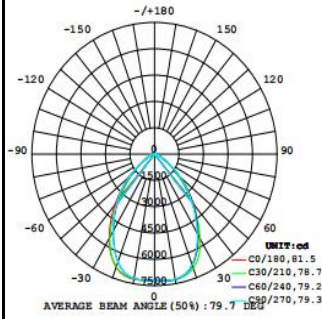
E、Light Source Date

LED Model	SMD		
LED Qty.(pcs)	120	200	240
LM80 Report	YES		

F、Electronic Data

Luminous Flux ±10% (lm)	13000	19500	26000
Max Luminous Intensity (cd)	7268	11357	19713
Beam Angle (°)	79.7	77.5	65.3
Luminous Efficacy (lm/W)	130	130	130
SDCM	<5		
CRI	>80		
Dominant Wavelength (nm)		6500K: 496.9	6500K: 498.3
Light Radiation Grade			
Chromaticity Coordinate	<input checked="" type="checkbox"/> CIE <input type="checkbox"/> ANSI <input type="checkbox"/> JIS		
Color Temperature	3000K / 4000K /6500K		
Lumen Maintenance(%)			
Life (h)	50000		
Number of Switching Cycles (Times)	25000		
Starting Time (s)	<0.55		

Light Distribution Curve



Light Distribution Curve

Flux out:8296 lm

Height	Rayv, Rmax	Angle:79.28deg	Diameter
1m	3750, 7226lx		165.70cm
2m	937.6, 1806lx		331.41cm
3m	416.7, 802.9lx		497.11cm
4m	234.4, 451.6lx		662.82cm
5m	150.0, 289.0lx		828.52cm
6m	104.2, 200.7lx		994.22cm
7m	76.54, 147.5lx		1159.93cm
8m	58.60, 112.9lx		1325.63cm
9m	46.30, 89.2lx		1491.34cm
10m	37.50, 72.26lx		1657.04cm

Flux out:11994 lm

Height	Rayv, Rmax	Angle:77.71deg	Diameter
1m	5822, 11292lx		161.11cm
2m	1456, 2823lx		322.21cm
3m	646.9, 1255lx		483.32cm
4m	363.9, 705.8lx		644.43cm
5m	232.9, 451.7lx		805.53cm
6m	161.7, 313.7lx		966.64cm
7m	118.8, 230.5lx		1127.75cm
8m	90.97, 176.4lx		1288.85cm
9m	71.88, 139.4lx		1449.96cm
10m	58.22, 112.9lx		1611.07cm

Flux out:13731 lm

Height	Rayv, Rmax	Angle:65.49deg	Diameter
1m	10364, 19704lx		128.51cm
2m	2591, 4926lx		257.03cm
3m	1152, 2189lx		385.54cm
4m	647.7, 1231lx		514.06cm
5m	414.6, 788.2lx		642.57cm
6m	287.9, 547.3lx		771.08cm
7m	211.5, 402.1lx		899.60cm
8m	161.9, 307.9lx		1028.11cm
9m	128.0, 243.3lx		1156.63cm
10m	103.4, 197.0lx		1285.14cm