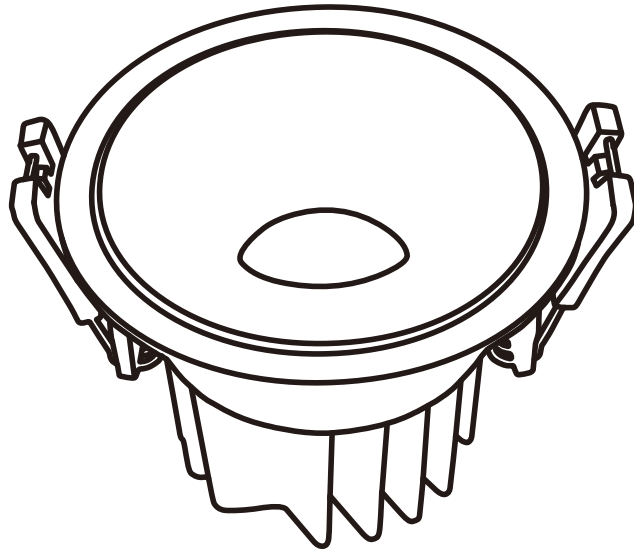


HYUNDAI

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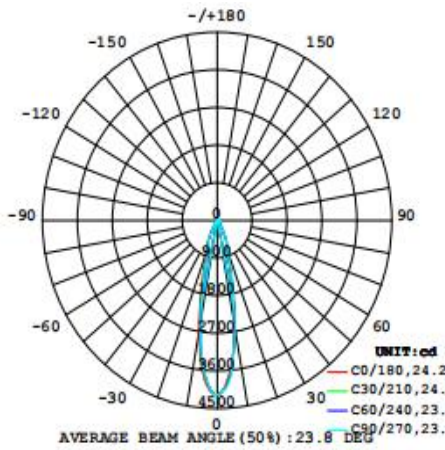
Spot light

12W 4000k

Technical Datasheet

Item code	HYD-322B	
A、 Appearance Description		
	Component Name	Material Technics
	Heatsink	Die casting Aluminum
	Diffuser	PMMA
	Reflector	Aluminum
B、 Structure		
Item code	HYD-322B-12W	
Weight	325g	
Dimension(mm)	Φ90*70mm	
Cutout(mm)	Φ82mm	
Driver	Detachable Isolated Driver	
External Wire Diameter, Insulation Material And Temperature Resistance	0.3/PVC	
Protection Grade	IP20	
Installation Method	Recessed	
C、 Power Driver Data		
Supply Voltage (V)	220-240V	
Supply Frequency (Hz)	50-60Hz	
Supply Current (mA)	0.18A Max	
Power Consumption (W)	12W	

Power Factor	>0.5
THD (%)	
Flickering	Non-Flickering
LED Driver Current (mA)	300mA
LED Driver Voltage (V)	30-42V
LED Driver Efficiency (%)	≥83%
Work Temperature (°C)	-10-45°C
Storage Temperature (°C)	-25-60°C
D、 Light Source Date	
LED Model	COB
LED Qty.(pcs)	1
LM80 Report	YES
E、 Electronic Data	
Luminous Flux ±10% (lm)	1119
Max Luminous Intensity (cd)	4172
Beam Angle (°)	23.8
Luminous Efficacy (lm/W)	87
SDCM	<5
CRI	>80
Dominant Wavelength (nm)	4000K: 578.2 3000K: 582.8
Light Radiation Grade	
Chromaticity Coordinate	■ CIE □ ANSI □ 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	 <p>UNIT: cd</p> <ul style="list-style-type: none"> C0/180, 24.2 C30/210, 24.0 C60/240, 23.6 C90/270, 23.3 <p>AVERAGE BEAM ANGLE (50%) : 23.8 DEG</p>																																												
Light Distribution Curve	<p>Flux out: 415.2 lm</p> <table border="1" data-bbox="829 806 1244 1276"> <thead> <tr> <th>Height</th> <th>Eavg, Emax</th> <th>Angle: 23.32deg</th> <th>Diameter</th> </tr> </thead> <tbody> <tr> <td>1m</td> <td>2925, 4172lx</td> <td></td> <td>41.26cm</td> </tr> <tr> <td>2m</td> <td>731.3, 1043lx</td> <td></td> <td>82.56cm</td> </tr> <tr> <td>3m</td> <td>325.0, 463.5lx</td> <td></td> <td>123.84cm</td> </tr> <tr> <td>4m</td> <td>182.8, 260.7lx</td> <td></td> <td>165.11cm</td> </tr> <tr> <td>5m</td> <td>117.0, 166.9lx</td> <td></td> <td>206.39cm</td> </tr> <tr> <td>6m</td> <td>81.26, 115.9lx</td> <td></td> <td>247.67cm</td> </tr> <tr> <td>7m</td> <td>59.70, 85.14lx</td> <td></td> <td>288.95cm</td> </tr> <tr> <td>8m</td> <td>45.71, 65.18lx</td> <td></td> <td>330.23cm</td> </tr> <tr> <td>9m</td> <td>36.11, 51.50lx</td> <td></td> <td>371.51cm</td> </tr> <tr> <td>10m</td> <td>29.25, 41.72lx</td> <td></td> <td>412.79cm</td> </tr> </tbody> </table>	Height	Eavg, Emax	Angle: 23.32deg	Diameter	1m	2925, 4172lx		41.26cm	2m	731.3, 1043lx		82.56cm	3m	325.0, 463.5lx		123.84cm	4m	182.8, 260.7lx		165.11cm	5m	117.0, 166.9lx		206.39cm	6m	81.26, 115.9lx		247.67cm	7m	59.70, 85.14lx		288.95cm	8m	45.71, 65.18lx		330.23cm	9m	36.11, 51.50lx		371.51cm	10m	29.25, 41.72lx		412.79cm
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