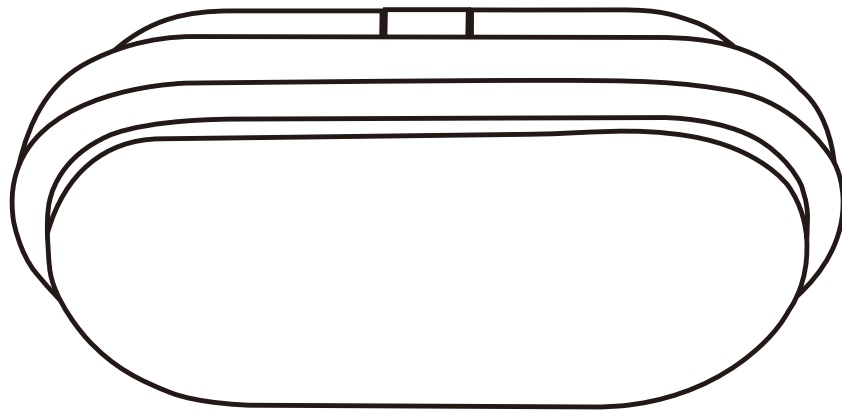


HYUNDAI

L I G H T I N G




Ceiling Light

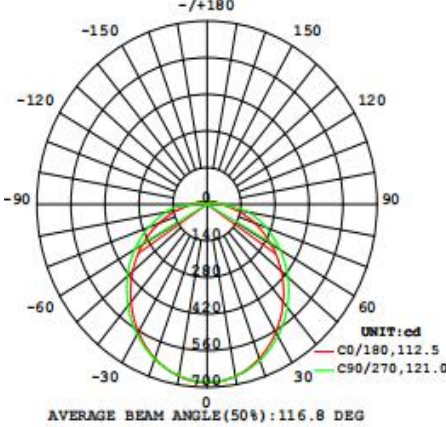
20W

3000k

Technical Datasheet

Item code	HYD-O2	
A、 Appearance Description		
	Component Name	Material Technics
	base	PC
	Diffuser	PC
	Hanging board	Iron
B、 Structure		
Item code	HYD-O2-20W	
Weight	460g	
Dimension(mm)	144*270*69mm	
Cutout(mm)	N/A	
Driver	Detachable Isolated Driver	
External Wire Diameter, Insulation Material And Temperature Resistance	0.5/PVC	
Protection Grade	IP65	
Installation Method	Surface	
C、 Product Certificate		
Standards	■ IEC60598 Series	■ ROHS
	■ IEC61347 Series	■ SASO 2902
	■ IEC62031 Series	

D、 Power Driver Data	
Supply Voltage (V)	110-240V
Supply Frequency (Hz)	50-60Hz
Supply Current (mA)	0.09A
Power Consumption (W)	20W
Power Factor	>0.9
THD (%)	< 20%
Flickering	Flickering
LED Driver Current (mA)	330mA
LED Driver Voltage (V)	60V
LED Driver Efficiency (%)	≥88%
Work Temperature (°C)	-10-45°C
Storage Temperature (°C)	-25-60°C
E、 Light Source Data	
LED Model	SMD
LED Qty.(pcs)	60
LM80 Report	YES
F、 Electronic Data	
Luminous Flux ±10% (lm)	2300
Max Luminous Intensity (cd)	681.7
Beam Angle (°)	116.8
Luminous Efficacy (lm/W)	115
SDCM	<5
CRI	>80
Dominant Wavelength (nm)	3000K: 584.1

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	 <p style="text-align: center;">AVERAGE BEAM ANGLE(50%): 116.8 DEG</p>																																																
Light Distribution Curve	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">Flux out: 1452 lm</th> </tr> <tr> <th style="width: 10%;">Height</th> <th style="width: 30%;">Eavg, Emax</th> <th style="width: 30%;">Angle: 112.52deg</th> <th style="width: 30%;">Diameter</th> </tr> </thead> <tbody> <tr><td>1m</td><td>194.9, 681.7lx</td><td></td><td>299.43cm</td></tr> <tr><td>2m</td><td>48.72, 170.4lx</td><td></td><td>598.86cm</td></tr> <tr><td>3m</td><td>21.65, 75.74lx</td><td></td><td>898.29cm</td></tr> <tr><td>4m</td><td>12.18, 42.60lx</td><td></td><td>1197.72cm</td></tr> <tr><td>5m</td><td>7.795, 27.27lx</td><td></td><td>1497.15cm</td></tr> <tr><td>6m</td><td>5.413, 18.94lx</td><td></td><td>1796.58cm</td></tr> <tr><td>7m</td><td>3.977, 13.91lx</td><td></td><td>2096.01cm</td></tr> <tr><td>8m</td><td>3.045, 10.65lx</td><td></td><td>2395.44cm</td></tr> <tr><td>9m</td><td>2.406, 8.416lx</td><td></td><td>2694.87cm</td></tr> <tr><td>10m</td><td>1.949, 6.817lx</td><td></td><td>2994.30cm</td></tr> </tbody> </table>	Flux out: 1452 lm				Height	Eavg, Emax	Angle: 112.52deg	Diameter	1m	194.9, 681.7lx		299.43cm	2m	48.72, 170.4lx		598.86cm	3m	21.65, 75.74lx		898.29cm	4m	12.18, 42.60lx		1197.72cm	5m	7.795, 27.27lx		1497.15cm	6m	5.413, 18.94lx		1796.58cm	7m	3.977, 13.91lx		2096.01cm	8m	3.045, 10.65lx		2395.44cm	9m	2.406, 8.416lx		2694.87cm	10m	1.949, 6.817lx		2994.30cm
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