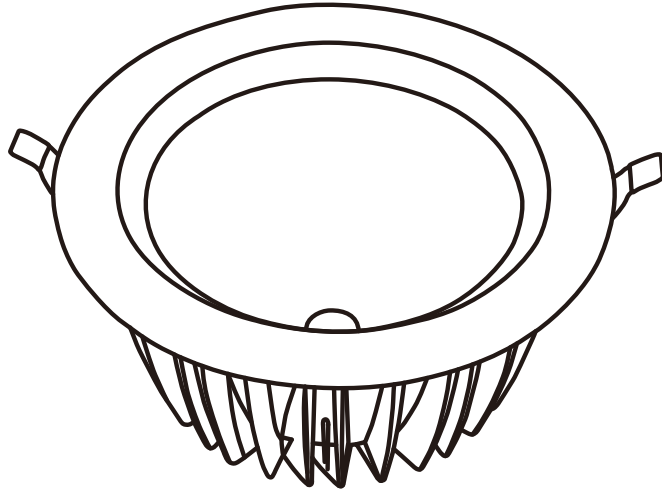


HYUNDAI

L I G H T I N G



COB Down Light

7W 3000K

Technical Datasheet

Item code	HYD-216R	
A、 Appearance Description		
	Component Name	Material Technics
	Heatsink	Die casting Aluminum
	Diffuser	Glass
	Reflector	Aluminum
B、 Structure		
Item code	HYD-216R-7W	HYD-216R-40W
Weight	248g	1407g
Dimension(mm)	Φ95*55mm	Φ230*110mm
Cutout(mm)	Φ75mm	Φ205mm
Driver	Detachable Isolated Driver	
External Wire Diameter, Insulation Material And Temperature Resistance	0.3/PVC	0.5/PVC
Protection Grade	IP20	
Installation Method	Recessed	
D、 Power Driver Data		
Supply Voltage (V)	220-240V	
Supply Frequency (Hz)	50-60Hz	
Supply Current (mA)	0.12A Max	0.29A Max
Power Consumption (W)	7W	40W
Power Factor	>0.5	>0.9
THD (%)		<10%

Flickering	Non-Flickering	
LED Driver Current (mA)	300mA	1000mA
LED Driver Voltage (V)	14-24V	30-40V
LED Driver Efficiency (%)	≥80%	≥87%
Work Temperature (°C)	-10-45°C	
Storage Temperature (°C)	-25-60°C	
E、 Light Source Date		
LED Model	COB	
LED Qty.(pcs)	1	
LM80 Report	YES	
F、 Product Certificate		
Standards	<input checked="" type="checkbox"/> IEC60598 Series	<input checked="" type="checkbox"/> ROHS
	<input checked="" type="checkbox"/> IEC61347 Series	<input checked="" type="checkbox"/> SASO 2902
	<input checked="" type="checkbox"/> IEC62031 Series	
G、 Electronic Data		
Luminous Flux ±10% (lm)	772	4800
Max Luminous Intensity (cd)	1768	5152
Beam Angle (°)	32.9	60.8
Luminous Efficacy (lm/W)	102	120
SDCM	<5	
CRI	>80	
Dominant Wavelength (nm)	6500K: 500.3 3000K: 583.2	6500K: 494.2 4000K: 577.2
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
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Number of Switching Cycles (Times)	25000
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Starting Time (s)	<0.55
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