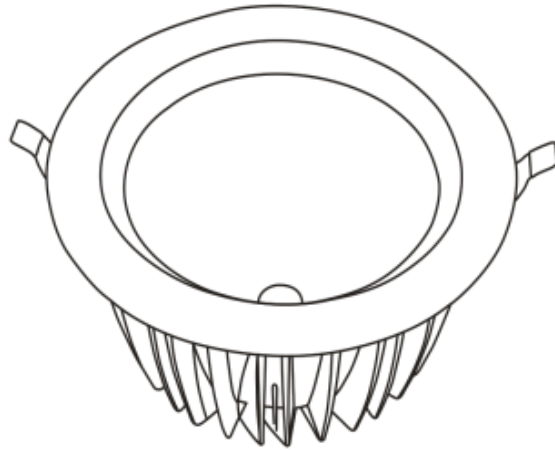


# **HYUNDAI**

L I G H T I N G



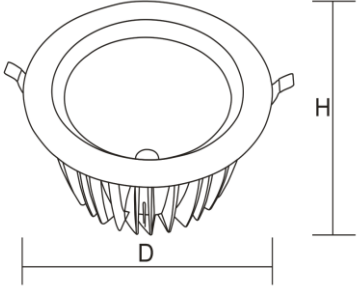
## **COB Downlight**

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**7W**

**6500K**

**Technical Datasheet**

Product Description	HDL-7W-6.5K			ID	
<b>A、 Appearance Description</b>					
 <p style="text-align: right;">φ95*55mm</p>	Component No.	Component Name	Material Technics	Color Effect	Remark
	1	Ring	Die casting Aluminum	White	
	2	Heatsink	Die casting Aluminum	Dark gray	
	3	Glass	Glass	Clear	
	4	Spring	Steel+Plastic	Silver+Black	
	5	Driver	PC	White	
	6	Reflector	Aluminum	Shining	
<b>B、 Structure</b>					
Parameter	Units	Min	Rating	Max	Remark
Weight	g				
Surface Treatment	-	glass			
Driver	-	Isolated Driver			
External Wire Diameter, Insulation Material And Temperature	-	Wired			
Producted Grade	-	IP20			
Installation Method	-	Recessed			
<b>C、 Product Certificate</b>					
Standards	<ul style="list-style-type: none"> <li>■ IEC60598 Series</li> <li>■ IEC61347 Series</li> <li>■ IEC62031 Series</li> <li>■ IEC62471</li> <li>■ EN61000-3-2/3</li> </ul>	<ul style="list-style-type: none"> <li>□ UL1598</li> <li>□ UL1310</li> <li>□ FCC 47 part 15</li> <li>□ CISPR15</li> <li>■ IEC61547</li> </ul>	<ul style="list-style-type: none"> <li>□ GB7000 Series</li> <li>□ GB19510</li> <li>□ GB/T20145</li> <li>□ ROHS</li> </ul>		

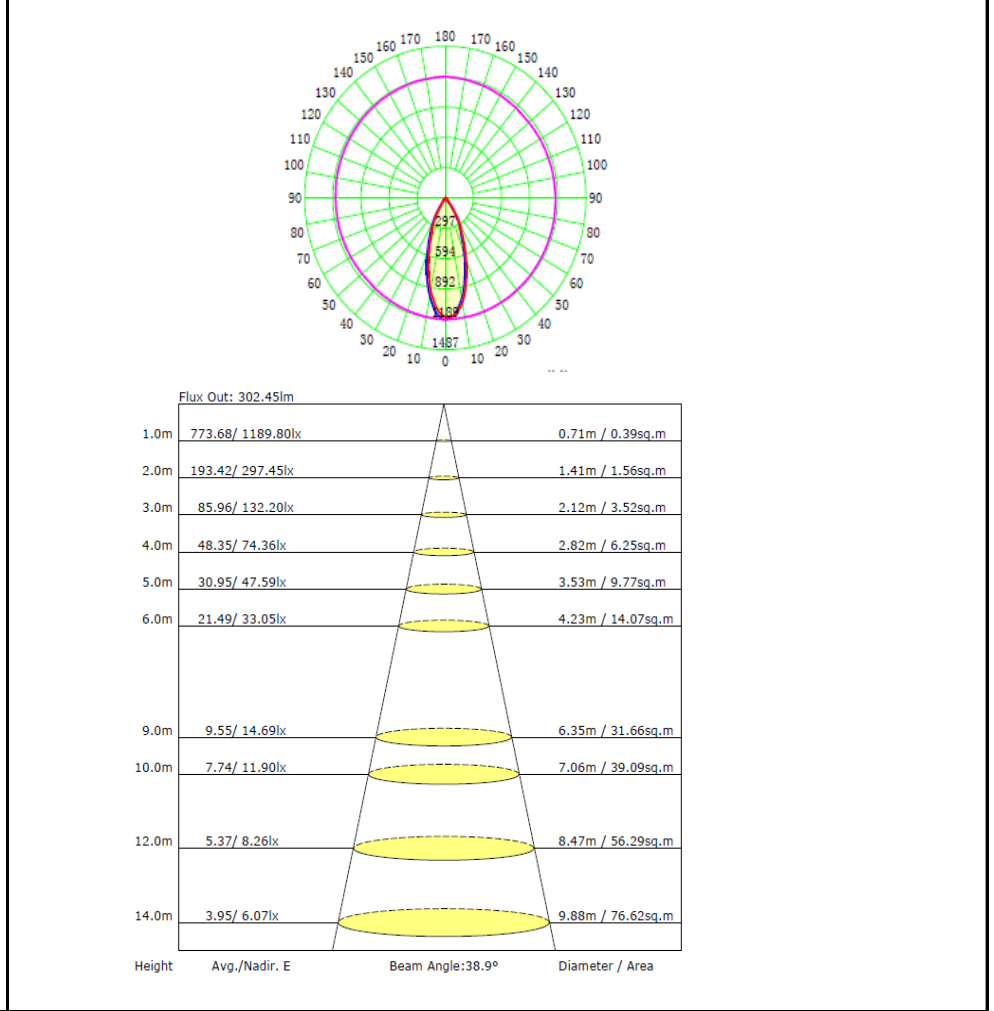
D、 Electronic Data					
Parameter	Units	Min	Rating	Max	Remark
Supply Voltage	V	220	230	240	
Supply Frequency	Hz		50/60Hz		
Supply Current	mA	64	68	71	
Power Consumption	W	7.6	7.7	8.1	
Power Factor	-		0.6		
THD	%			12	
Flickering	%				No flicker
LED Driver Current	mA	285	300	315	
LED Driver Voltage	V	16	27	27	
LED Driver Efficiency	%	80			
Work Temperature	°C	-20		60	
Storage Temperature	°C	-20		50	

E、 Light Source Date		
LED Model	-	COB
LED Vendor	-	Bridgelux
LM80 Report	-	Yes

D、 Electronic Data					
Parameter	Units	Min	Rating	Max	Remark
Luminous Flux-6500k±10%	lm	600	630	700	
Max Luminous Intensity	cd				
Beam Angle	°		40		
Luminous Efficacy	lm/W		90		
SDCM	-			5	
CRI	-		80		

Dominant Wavelength	nm				
Light Radiation Grade	—				
Chromaticity Coordinate	■ CIE □ ANSI □ JIS				
Color Temperature	K		6500		
Lumen Maintenance	%	L80B10			
Dimming Range	%				None-dimmable

Light Distribution Curve



### D、 Electronic Data

Parameter	Units	Rating/Working Condition	Remark
Lifetime	hrs	50000	
Number of Switching Cycles	Times	25000	
Starting Time	s	<0.55	
Ability Test	-	PASS	
High-low Temperature Cycle Test	-	PASS	
High Temperature and Humidity Test	-	PASS	