

HYUNDAI

LED Downlight, 15W
Technical Specification

Fixture Product Specification

Product Description:	
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	Component NO.	Component Name.	Material Technics	Color Effect	Remark
	1	Crust	PBT	white	Normal
	2	optical lens	PC	dull polish lucency	
	3	Drive shell	PC	white	
	4	Heat dissipating aluminum arts	1060	True qualities	
	5	Back cover	PBT	white	
	6	Spring	Fe	silver	
	7	Spring rubber sleeve	Silica gel	white	
8	Press cover	PC	orange		

Parameter	Units	Min	Rating	Max	Remark
Weight	g	245	270	295	
Diffuser		Opal diffuser / PC			
Driver	-	Built in			
Installation Method	Recessed				

C、Product Certificate

Standards	<input checked="" type="checkbox"/> IEC 60598 Series <input type="checkbox"/> UL1598 <input type="checkbox"/> GB7000 Series <input type="checkbox"/> IEC 61347 Series <input type="checkbox"/> UL1310 <input type="checkbox"/> GB19510 <input type="checkbox"/> IEC62031 <input type="checkbox"/> FCC 47 part 15 <input checked="" type="checkbox"/> LVD <input type="checkbox"/> IEC 62471 <input type="checkbox"/> CISPR15 <input checked="" type="checkbox"/> ROHS <input type="checkbox"/> IEC 61000-3-2/3 <input type="checkbox"/> IEC 61547
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D、Electronic Data

Parameter	Units	Min	Rating	Max	Remark
Supply Voltage	V	100	110 - 220	240	
Supply Frequency	Hz	50	50/60	60	
Supply Current	mA	117		240.8	
Power Consumption	W	13.5	15W	16.5	
Power Factor	-	> 0.9			
Operating Temp.	C°		-20 ~ 45		
THD	%	≤20			

Fixture Product Specification

Parameter	Units	Min	Rating	Max	Remark
LED Driver Current	mA	182.7		223.3	
LED Driver Voltage	V	64.8		79.2	
LED Driver Efficiency	%	85			

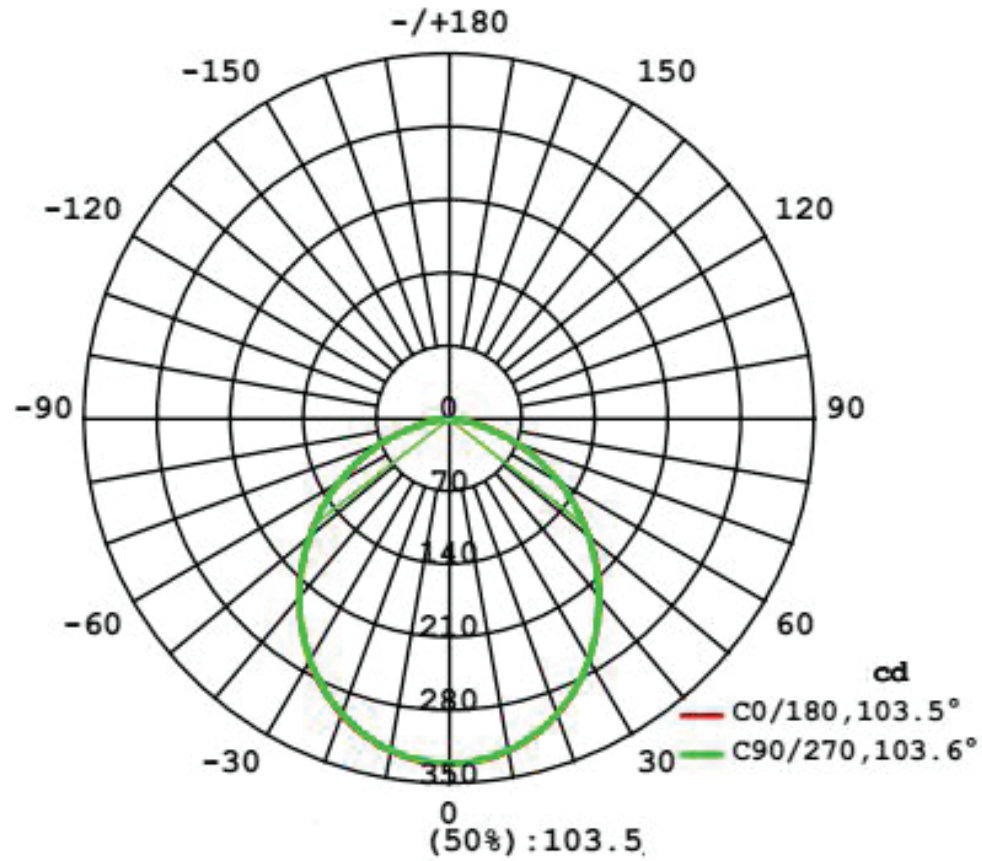
E、 Light Source Data

LED Model	-	LED_2835_9V100mA_FM-TP3528WNS-460QH-R80-P-3
LED Qty. (pcs)	pcs	24
LED Circuit Mode		72V
LM80 Report	-	Y

F、 Chromaticity Data

Parameter	Units	Min	Rating	Max	Remark
Luminous Flux	Lm	1215	1350	1485	
Max Luminous Intensity	Cd				
Beam Angle	°		103.5		
Luminous Efficacy	lm/W	81	90	99	
CRI	-	80			
Chromaticity Coordinate		<input checked="" type="checkbox"/> CIE standard <input type="checkbox"/> ANSI standard <input type="checkbox"/> JIS standard			
Color Temperature	K		3000K / 4000K 6500K		

Light Distribution Curve
Average Beam Angle(50%):
103.5°



G、Reliability Data

Parameter	Units	Rating/Working Condition	Remark
Lifetime	hrs.	30000h	
Number of Switching Cycles	Times	15000	
Starting Time	s	< 0.9	
Ability Test	-	PASS	
High-low Temperature Cycle Test	-	PASS	
High Temperature and Humidity Test	-	PASS	