

HYUNDAI


LED Flood Light

Technical Specification

Fixture Product Specification

Product Description:	50W LED Flood Light
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A、 Appearance Description

	Component NO	Component Name	Material Technics	Color Effect	Remark
	1	Front rail	AL	Black	
	2	Heat dissipating aluminum parts	AL	Black	
	4	Diffuser	PC		
	5	Reflective paper	PC		
	6	Back board	AL	Black	

B、 Structure

Parameter	Units	Min	Rating	Max	Remark
Diffuser		PC			
Driver			internal		
Installation Method	Fixed Mounting				
length	Mm	301	301	301	
Height	Mm	38	38	38	
Weight	g	1180	1180	1180	

C、 Product Certification

Standards	<input checked="" type="checkbox"/> IEC 60598 Series <input type="checkbox"/> EMC <input checked="" type="checkbox"/> LVD <input type="checkbox"/> IEC 61347 Series <input type="checkbox"/> GB19510
	<input checked="" type="checkbox"/> IEC62031 <input type="checkbox"/> FCC 47 part 15 <input type="checkbox"/> GB/T20145
	<input checked="" type="checkbox"/> IEC 62471 <input type="checkbox"/> CISPR15 <input type="checkbox"/> ROHS
	<input type="checkbox"/> IEC 61000- 3- 2/ 3 <input type="checkbox"/> IEC 61547

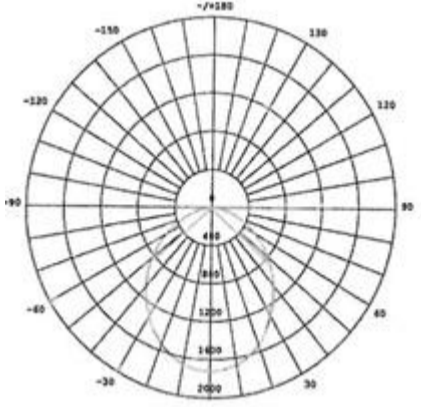
D. Electronic Data

Parameter	Units	Min	Rating	Max	Remark
Supply Voltage	V	100	110-240	265	
Supply Frequency	Hz	50	50/60	60	
Supply Current	A	0.25	0.25	0.25	
Power Consumption	W	45	50	55	
Power Factor	-	0.9	0.9	0.9	
THD		3%	<20%	10%	
Surge	KV			3	
Thermal Efficiency			90%		
Luminaire Efficiency			85%		
LED Driver Current	mA		1000		
LED Driving Power	W		50		
LED Driver Efficiency	%		88		
LED Driver Lifetime			25000H		
Driver Luminaire TC			85 C°		
Overload shortcut protection					Yes

E. Light Source Data

LED Specifications	Units	
LED Qty. (pcs)	pcs	50
LED Size	mm	2835
LM80 Report		Y

F、Optical Data

Parameter	Units	Min	Rating	Max	Remark
Luminous Flux	Lm	4430	4500	4620	
Beam Angle	°	94	96	110	
Luminous Efficacy	lm/W	85	>87		
Ra	-		>80		
Chromaticity Coordinate		<input checked="" type="checkbox"/> CIE standard <input type="checkbox"/> ANSI standard <input type="checkbox"/> JIS standard			
Color Temperature	K		3000K-6500K		
SDCM			SDCM ≤5		
Optical Efficiency			>80%		

G、Reliability Data

Parameter	Units	Rating/Working Condition	Remark
Lifetime	hrs	25000	
Number of Switching Cycles	Times	15000	
Starting Time	s	0.5-1	
Ability Test	-	PASS	
High-low Temperature Cycle Test	-	PASS	
High Temperature and Humidity Test	-	PASS	