


Product Description:	HL-NHB220-NP01B	ID	
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A、Appearance Description

 <p style="text-align: center;">Φ420 *201(±5mm)</p>	Component No.	Component Name	Material Technics	Color Effect	Remark	
	1	Loop		Silver		
	2	Driver		Black		
	3	Heatsink	Die casting	Black		
	4	Lens	PC	Clear		

B、Structure

Parameter	Units	Min	Rating	Max	Remark
Weight	g	7700	8100	8600	
Lens Material & Surface Treatment	-	PC			
Driver	-				
External Wire Diameter, Insulation Material And Temperature Resistance	-				
Protected Grade	-	IP65			
Installation Method	-	Loop			
Installation Method	-		10min		

C、Product Certificate

Standards	<input checked="" type="checkbox"/>	IEC60598 Series	<input type="checkbox"/>	UL1598	<input type="checkbox"/>	GB7000 Series
	<input checked="" type="checkbox"/>	IEC61347 Series	<input type="checkbox"/>	UL1310	<input type="checkbox"/>	GB19510
	<input type="checkbox"/>	IEC62031	<input type="checkbox"/>	FCC 47 part 15	<input type="checkbox"/>	GB/T20145
	<input type="checkbox"/>	IEC62471	<input checked="" type="checkbox"/>	CISPR15	<input checked="" type="checkbox"/>	ROHS
	<input checked="" type="checkbox"/>	IEC61000-3-2/3	<input checked="" type="checkbox"/>	IEC61547		

Other Requirements

Other Requirements	
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D、Electronic Data

Parameter	Units	Min	Rating	Max	Remark
Supply Voltage	V	100	230	277	
Supply Frequency	Hz		50/60		
Supply Current	mA	800	1000	2400	
Power Consumption	W	200	220	240	
Power Factor	-		0.9		
THD	%			20	
Flickering	%			5	
LED Driver Current	mA	3100	3370	3500	
LED Driver Voltage	V	58	60	60	
LED Driver Efficiency	%		92		
Work Temperature	°C	-20		40	
Storage Temperature	°C	-25		50	

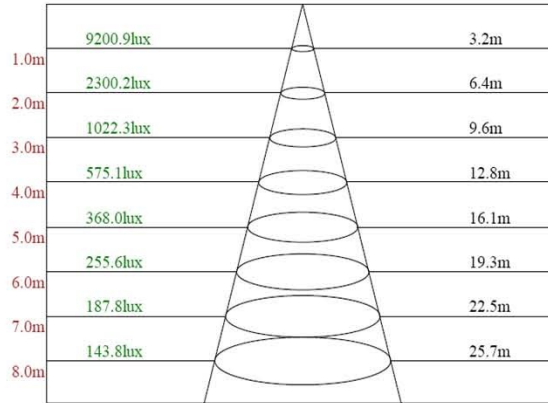
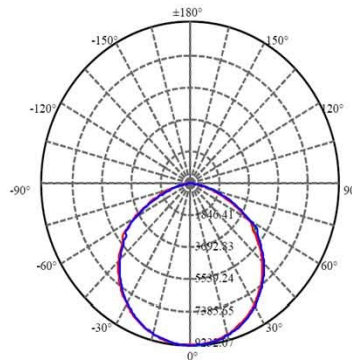
E、Light Source Data

LED Model	-	3030
LED Qty. (pcs)	pcs	400
LED Vendor	-	Lumileds
LM80 Report	-	
IP Warranty	-	IP

F、Chromaticity Data

Parameter	Units	Min	Rating	Max	Remark
Luminous Flux-3000K±10%	lm	23850	26500		
Max Luminous Intensity	cd				
Beam Angle	°		90		
Luminous Efficacy	lm/W		120		
SDCM	-			6	
CRI	-		80		
Dominant Wavelength	nm				
Light Radiation Grade	-				
Chromaticity Coordinate	<input type="checkbox"/> CIE <input checked="" type="checkbox"/> ANSI <input type="checkbox"/> JIS				
Color Temperature	K		6500		
Lumen Maintenance	%				
Dimming Range	%				

Light Distribution Curve



Beam angle of C30plane116.18

G、 Reliability Data

Parameter	Units	Rating/ Working Condition	Remark
Life	h	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	