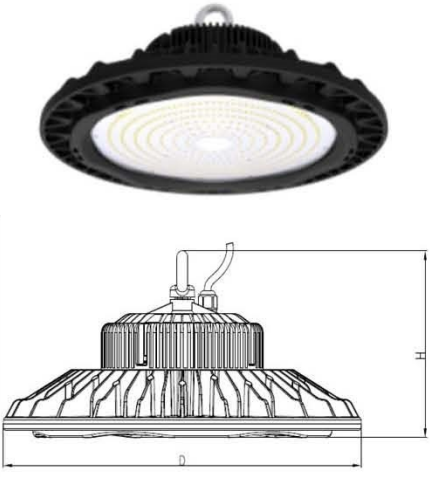


Product Description:	HL-NHB165-NP01B	ID
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A、Appearance Description

 <p style="text-align: center;">Φ420*181(±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	7030	7400	7770	
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	IP65
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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	620	750	1700	
Power Consumption	W	150	165	180	
Power Factor	-		0.9		
THD	%			20	
Flickering	%			5	
LED Driver Current	mA	2250	2500	2700	
LED Driver Voltage	V	58	60	60	
LED Driver Efficiency	%		92		
Work Temperature	°C	-20		40	
Storage Temperature	°C	-25		50	

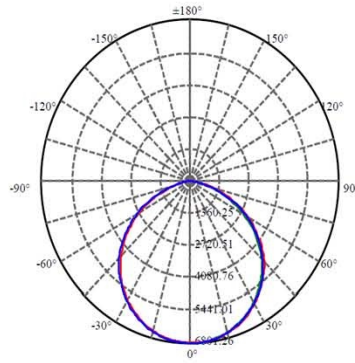
E、Light Source Data

LED Model	-	3030
LED Qty. (pcs)	pcs	350
LED Vendor	-	Lumileds
LM80 Report	-	
IP Warranty	-	IP

F、Chromaticity Data

Parameter	Units	Min	Rating	Max	Remark
Luminous Flux-3000K±10%	lm	18000	20000		
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



1.0m	6778.4lux	2.9m
2.0m	1694.6lux	5.9m
3.0m	753.2lux	8.8m
4.0m	423.7lux	11.8m
5.0m	271.1lux	14.7m
6.0m	188.3lux	17.7m
7.0m	138.3lux	20.6m
8.0m	105.9lux	23.6m
9.0m	83.7lux	26.5m
10.0m	67.8lux	29.5m

Beam angle of C30plane111.73

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	