

LN Lighting technical data

LED LAMP DIMMABLE PAR38

Lighting technical data

**LED PAR38 is an alternative light source
with longer life and uniformed light distribution**



LED LAMP PAR38



Line-Up

Model No.	Watts(W)	Light Output(lm)	Dimension(mm)	Light Color(K)	Beam Angle(Degree)
LN-P38-27-16W-L-UD-CW-00	16±10%	1200±10%	Φ120.65*130.5	6000K	30
LN-P38-27-16W-L-UD-WW-00		1100±10%	Φ120.65*130.5	3000K	30

Technical Specifications

Item	Test Conditions	Min.	Typ.	Max.
Input Voltage(V, rms)	AC	110	120	132
Input Current(mA, rms)	AC(120V)	---	133	---
Input Power(W, rms)	AC(All)	---	16	---
Input Frequency(Hz)	AC	---	60Hz	---
Power Factor(PF)	AC(All)	≥0.85		
Output Voltage(V)	DC	36	37.8	39.6
Output Current(mA)	DC	340	350	360
Output Power(W)	DC	12.24	13.23	14.256

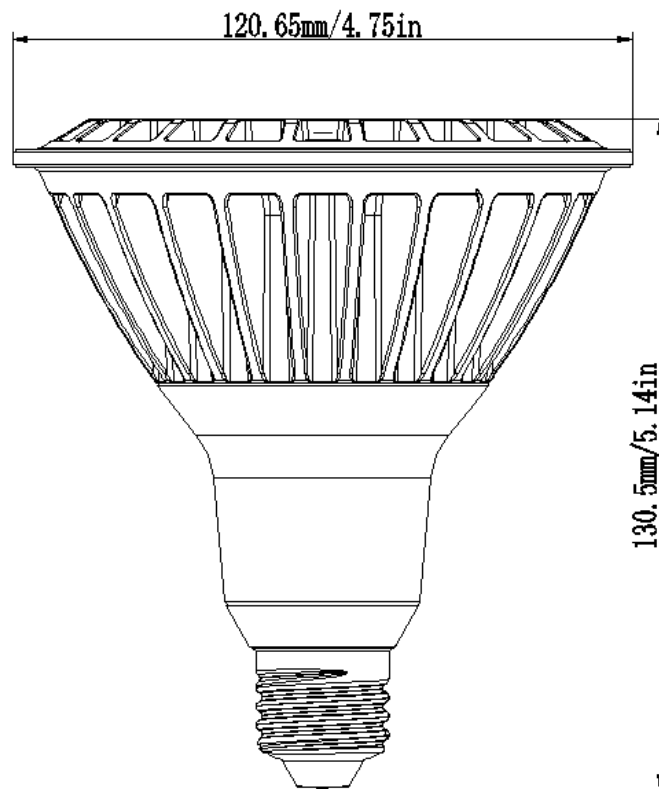
Environmental Requirements

Specifications	Values
Operational Temperature Range	-20~40℃
Preservation Temperature Range	-20~90℃
Operational Humidity Range	95%Rh or below (@-20~40℃)
Installation Area	Indoor (Counter,Residential,Commercial,etc)

LED LAMP PAR38



Drawing



Material	IP
ADC12	20
PC	

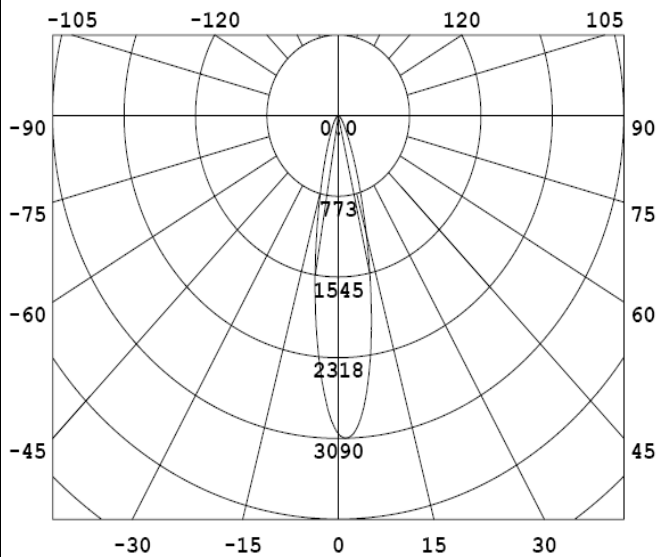
LED LAMP PAR38



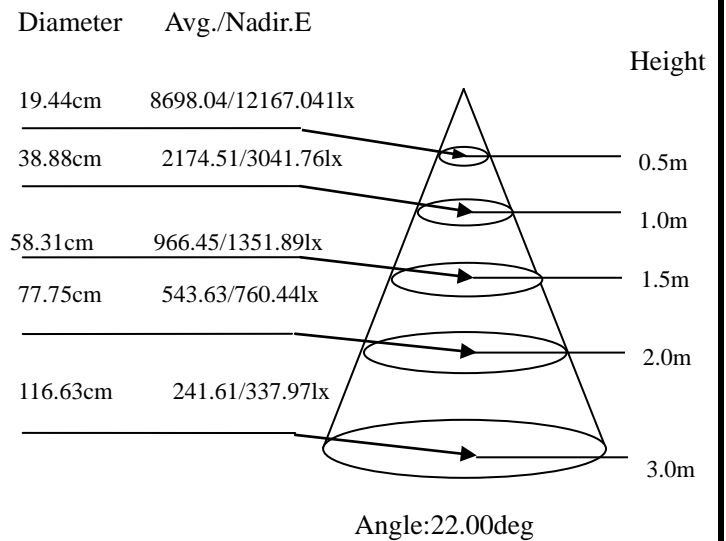
LN-P38-27-16W-L-UD-CW-00

Category	Specifications	Unit
Watts	16	W
Lumens per Watt(Efficacy)	75	Lm/W
Light Output	1200	lm
Light Color(CCT)	6000	K
Beam Angle	30	°(degree)
Color Accuracy(CRI)	80	Ra
Product Weight	450	G
Rating Life	35000	H
Base	E26	
Input Voltage(AC)	120	V

Luminance Intensity Distribution



Cone Lux Diagram



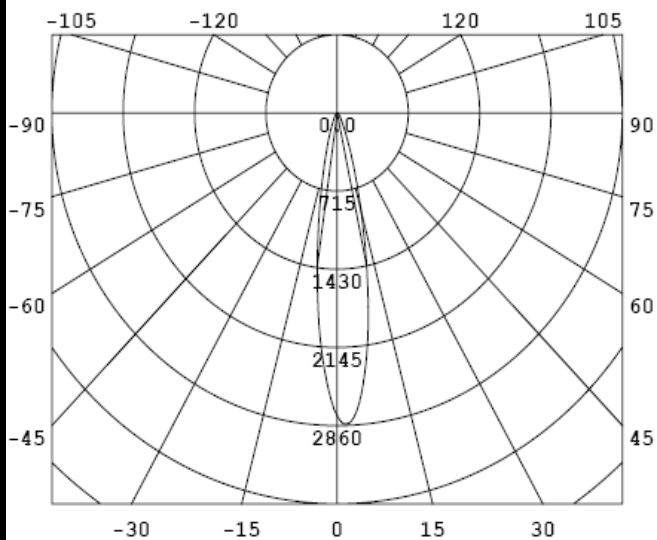
LED LAMP PAR38



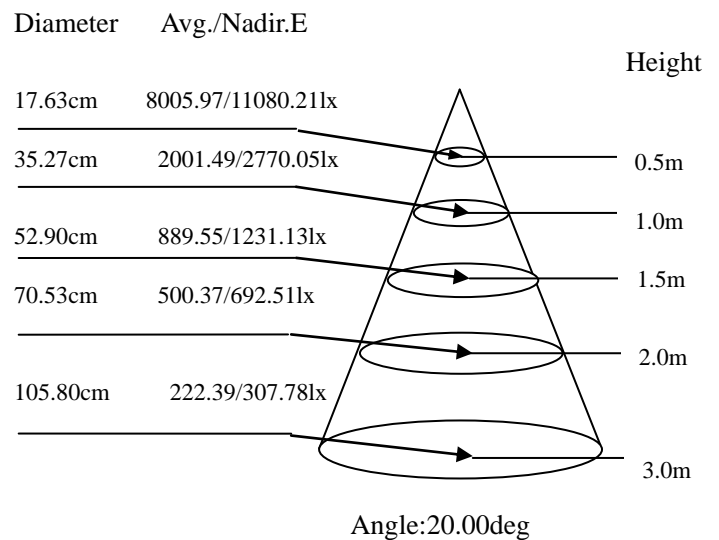
LN-P38-27-16W-L-UD-CW-00

Category	Specifications	Unit
Watts	16	W
Lumens per Watt(Efficacy)	69	Lm/W
Light Output	1100	lm
Light Color(CCT)	3000	K
Beam Angle	30	°(degree)
Color Accuracy(CRI)	80	Ra
Product Weight	450	G
Rating Life	35000	H
Base	E26	
Input Voltage(AC)	120	V

Luminance Intensity Distribution



Cone Lux Diagram



LED LAMP PAR38



Product Packaging	Specifications	Unit
Product Dimension	Φ120.65*H130.5	mm
Net Weight	0.450	Kg
Size of box	L120*W120*H145	mm
Gross Weight	0.54	Kg
Size of Carton	L505*W300*H615	mm
Qty/ Carton	40	PCS
Weight/ Carton	22.85	Kg

Revision History

MTime	Changed to: VER	Description of Change		
		Item	From	To
2013-4-28	/	Issue	/	/
2013-4-30	1.01	Base	E27/E26	E26