

LN Lighting technical data

LED PHOTOELECTRIC CONTROL DUSK TO DAWN LIGHT, Outdoor Security

LED flood light Knuckle Mount, 150 w, waterproof and outdoor

LED light

Lighting technical data

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



RoHS

IP66

LED FLOOD LIGHT



Usage scenario



LED FLOOD LIGHT



Line-Up

Model No.	Watts(W)	Light Output(lm)	Dimension(mm)	Light Color(K)	Beam Angle(Degree)
LN-FL150-U-LS-CW-BR-U-C-X00	150 ± 10%	21000 -10%	285*195*89	6500K	60*120
LN-FL150-U-LS-QW-BR-U-C-X00	150 ± 10%	21000 -10%	285*195*89	5000K	60*120

Technical Specifications

Item	Test Conditions	Min.	Typ.	Max.
Input Voltage(V, rms)	AC	100	220	277
Input Current(mA, rms)	AC(120V)	---	681	---
Input Power(W, rms)	AC(All)	---	150	---
Input Frequency(Hz)	AC	---	50 / 60Hz	---
Power Factor(PF)	AC(All)	≥0.9		
ON-OFF Levels	Lx	10~20Lx On (Dusk),30~60Lx Off (Dawn)		

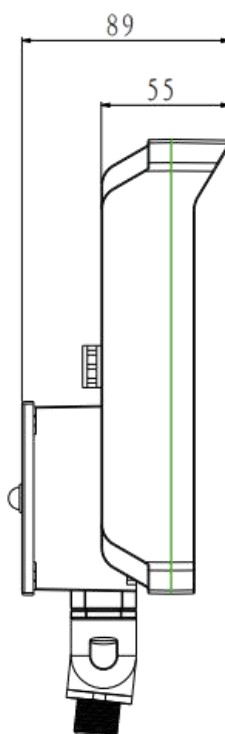
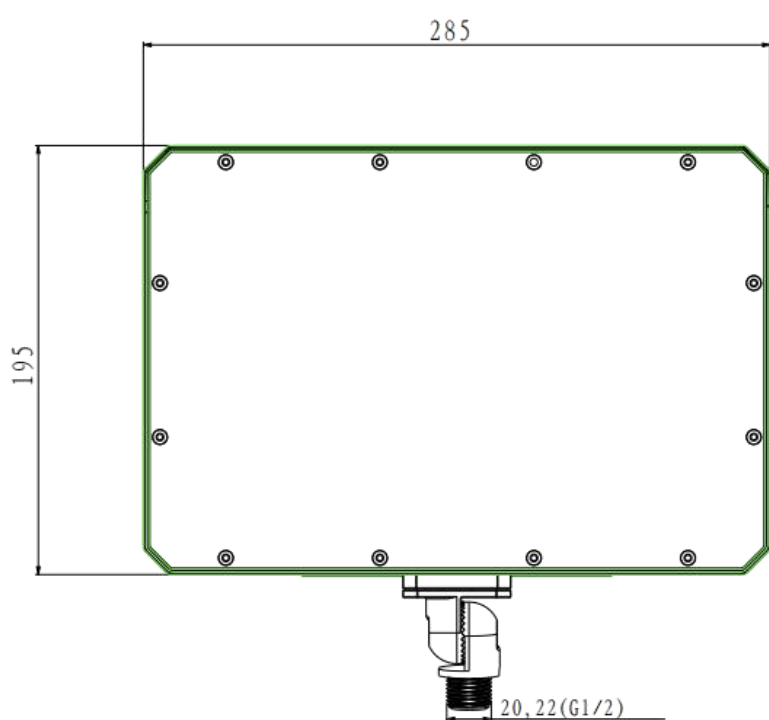
Environmental Requirements

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

LED FLOOD LIGHT



Drawing



Material		IP
ADC12	PC	IP66
PC		

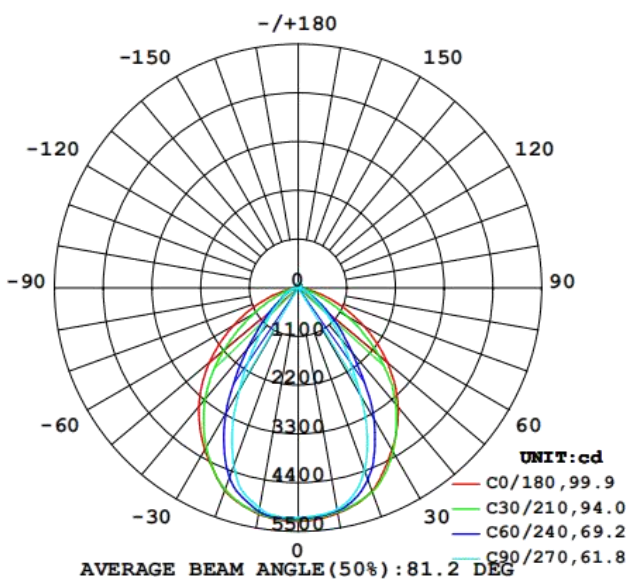
LED FLOOD LIGHT



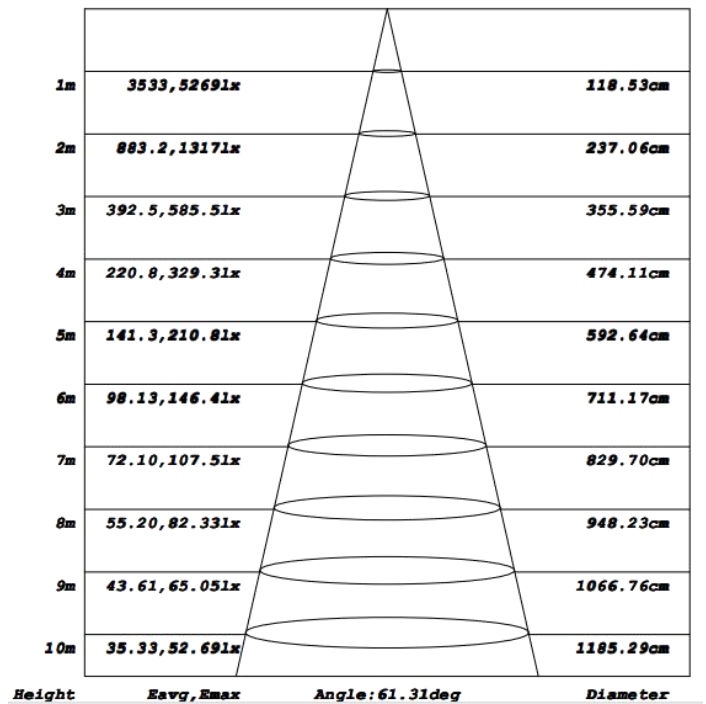
LN-FL150-U-LS-CW-BR-U-C-X00

Category	Specifications	Unit
Watts	150	W
Lumens per Watt(Efficacy)	140	Lm/W
Light Output	21000	lm
Light Color(CCT)	6500	K
Beam Angle	60*120	°(degree)
Color Accuracy(CRI)	70	Ra
Product Weight	2050	G
Rating Life	50000	H
Base	Line interface	
Input Voltage	100-277	V

Luminance Intensity Distribution



Cone Lux Diagram



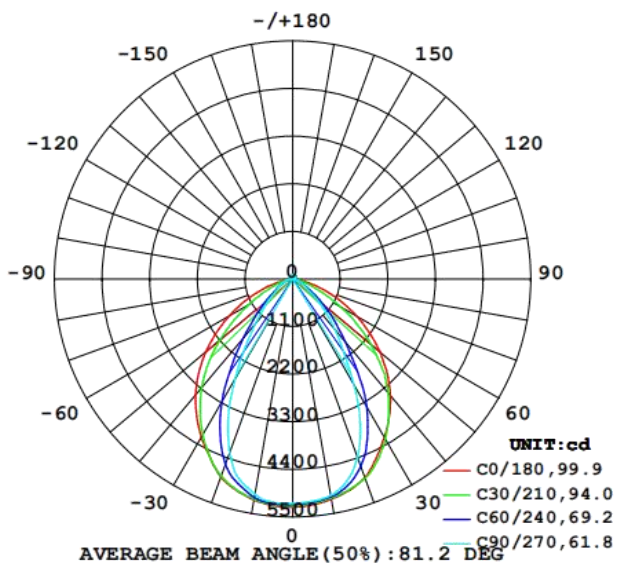
LED FLOOD LIGHT



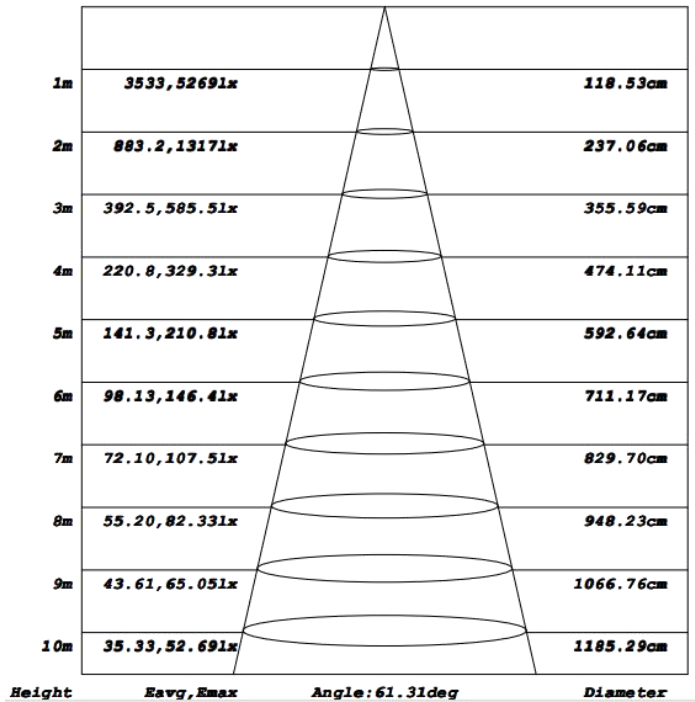
LN-FL150-U-LS-QW-BR-U-C-X00

Category	Specifications	Unit
Watts	150	W
Lumens per Watt(Efficacy)	140	Lm/W
Light Output	21000	lm
Light Color(CCT)	5000	K
Beam Angle	60*120	°(degree)
Color Accuracy(CRI)	70	Ra
Product Weight	2050	G
Rating Life	50000	H
Base	Line interface	
Input Voltage	100-277	V

Luminance Intensity Distribution



Cone Lux Diagram



LED FLOOD LIGHT



Product Packaging	Specifications	Unit
Product Dimension	285*195*89	mm
Net Weigh	2.05	Kg
Size of box	315*100*270	mm
Gross Weight	2.2	Kg
Size of Carton	330*605*285	mm
Qty/ Carton	5	PCS
Weight/ Carton	12	Kg

Revision History

Mtime	Changed to: VER	Description of Change		
		Item	From	To