UL LISTED

For more information, call 1-800-624-4488
or visit 1000Bulbs.com

PLT-12686 - 165W, 5000K, 1.5'

NPS-00008*

NPS-00009*
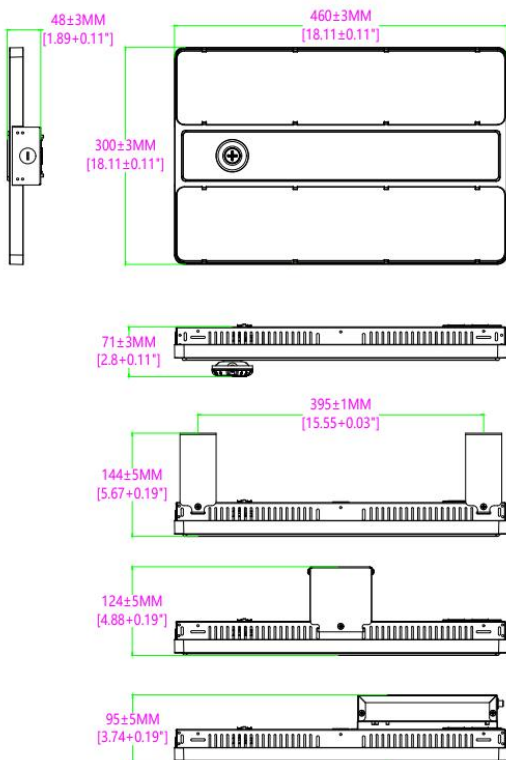
NPS-00010*

Special order item. Please call 1-800-624-4488 for more information.

DIMENSIONS

48±3MM
[1.89+0.11"]

460±3MM
[18.11±0.11"]

300±3MM
[18.11±0.11"]

71±3MM
[2.8+0.11"]

395±1MM
[15.55+0.03"]

144±5MM
[5.67+0.19"]

124±5MM
[4.88+0.19"]

95±5MM
[3.74+0.19"]

ADVANTAGE

➢ UL cUL certificate.
➢ Lumileds Chip, high CRI.
➢ Input voltage 120-277 VAC.
➢ Output constant current, can be adjusted through output cable with 0-10V.
➢ No UV or IR in the beam.
➢ Easy to install and operate.
➢ Energy saving, long lifespan.
➢ Light is soft and uniform
➢ Instant start, NO flickering, NO humming.
➢ Green and eco-friendly without mercury.

APPLICATION

➢ Warehouse, factory and workshops;
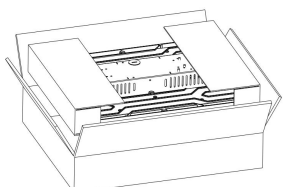➢ Exhibition hall and supermarkets, etc.

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	165W
	Color Temperature	4000K*, 4500K**, 5000K, 5700K***
	Lumen (Tolerance : ±10%)	22400~23000 LM @165W
	Efficacy (Tolerance : ±3%)	135~140 LM/W @165W
	CRI	>80
	Color Consistency	＜6 Steps (or ＜6 SDCM)
	UGR	＜28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)
	Diffuser Type	Matte Lens
	Beam Angle (50%) (Tolerance : ±15%)	90 Degree
ELECTRICAL	Input Voltage and Frequency	120-277 VAC, 50/60Hz
	PF (Tolerance : -3%)	≥0.9
	THD (Tolerance : +5%)	≤20%
	Flicker Percent	≤5%
	Driver Brand	LIFUD
	Driver Model	LF-FAA150
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV
	Dimming	0-10V dimming (dimming scope 0-100%)
	Sensor Type	DaylightSensor[1],OccupancySensor[2],MultifunctionSensor[3],Integral Sensor Receptacle
	Optional Accessory	AC/DC Motion Mircowave sensor[4], AC/DC Motion PIR sensor[5], Emergency Power Supply(9/16W/90min)[6]
MATERIALS	LED Brand	Lumileds
	LED Type	SMD 2835
	LED QTY	300 PCS
	Housing	IRON + Aluminum
	Housing Color	White, or Customized
	Waterproof Rating	DAMP （IP20）
OTHERS	Operating Temperature	Without Motion Sensor and Emergency Power Supply: -40℃ TO 50℃
		With Motion Sensor: -30℃ TO 50℃
		With Emergency Power Supply: 0℃ TO 50℃
	Storage Temperature	-30℃ TO 80℃
	Operating Humidity	20％ - 90％ RH
	Storage Humidity	10％ - 95％ RH
	Warranty	5 years

PACKAGE Drop test: ISTA-3B

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box (No Sensor/ DC Sensor)	480*320*85 MM [18.90*12.60*3.35inch]	1 PC	2.5KG[5.51LBS]	3.3KG[7.27LBS]

Tolerance of Carton Size: ±15 MM[±0.59inch], Tolerance of Weight: ±10%.

Alternate Versions:
*4000K Version - NPS-00011
**4500K Version -NPS-00012
***5700K Version - NPS-00013

Special order items. Please call 1-800-624-4488 for more information.

Optional Accessories:
[1]Daylight Sensor - NPS-00014*
[2]Occupancy Sensor - PLT-12844
[3]Multifunction Sensor - NPS-00016*
[4]AC/DC Motion Microwave Sensor - NPS-00018*
[5]AC/DC Motion PIR Sensor - NPS-00019*
[6]Emergency Power Supply (9/16W/90min) - NPS-00020*
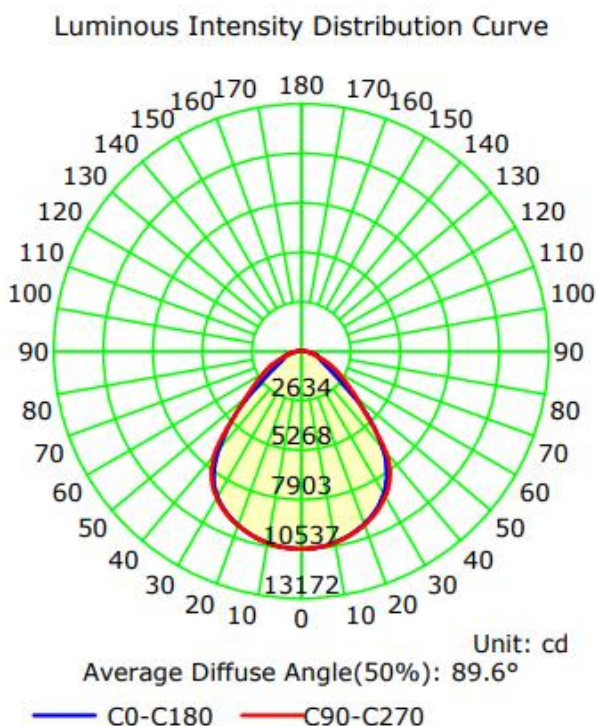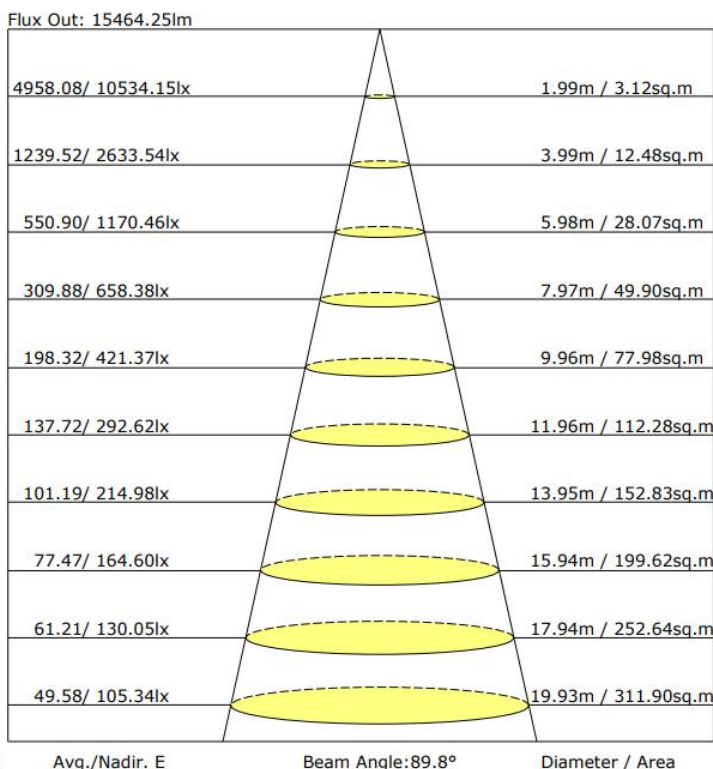Motion Sensor Remote - PLTS-12281 *(use w/ PLT-12844)*

Special order items. Please call 1-800-624-4488 for more information.

LIGHT DISTRIBUTION TESTING PARAMETERS

Photometric Results

CIE Class: Direct
Measurement Flux: 22458.3 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%): H138.6,H89.8
Vertical Diffuse Angle(10%,50%): V141.6,V89.4
Luminaire Efficacy Rating (LER): 136.49
Max. Intensity: 10537.72 cd
S/MH(C0/C180): 1.24

Total Rated Lamp Lumens: 22458.3 lm
Efficiency: 100%
Upward Ratio: 1%

C0r0 Intensity: 10534.15 cd
Pos of Max. Intensity: H202.5 V1
S/MH(C90/C270): 1.26

Luminous Intensity Distribution Curve

2634
5268
7903
10537
13172

Unit: cd
Average Diffuse Angle(50%): 89.6°

— C0-C180   — C90-C270

The Average Illuminance Effective Figure

Flux Out: 15464.25lm

Height	Avg./Nadir. E	Beam Angle:89.8°	Diameter / Area
1.0m	4958.08/ 10534.15lx		1.99m / 3.12sq.m
2.0m	1239.52/ 2633.54lx		3.99m / 12.48sq.m
3.0m	550.90/ 1170.46lx		5.98m / 28.07sq.m
4.0m	309.88/ 658.38lx		7.97m / 49.90sq.m
5.0m	198.32/ 421.37lx		9.96m / 77.98sq.m
6.0m	137.72/ 292.62lx		11.96m / 112.28sq.m
7.0m	101.19/ 214.98lx		13.95m / 152.83sq.m
8.0m	77.47/ 164.60lx		15.94m / 199.62sq.m
9.0m	61.21/ 130.05lx		17.94m / 252.64sq.m
10.0m	49.58/ 105.34lx		19.93m / 311.90sq.m

NOTICE FOR USER

➢ • Please turn off power before installation or maintenance.
➢ • Verify that supply voltage is correct by comparing it with the luminaire label information. Please make sure the wiring is insulated.
➢ • Installation, service, and maintenance of luminaries should be performed by a qualified licensed electrician.

TROUBLESHOOTING

Problem	Solution
Flickering light	Turn off the power, then turn on again after 3 minutes. If the light continues to flicker, call a licensed electrician.
Light is not coming on	Check the electrical connection.