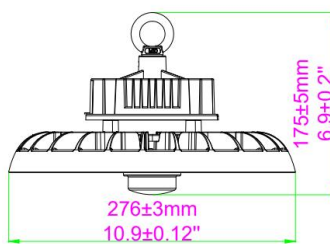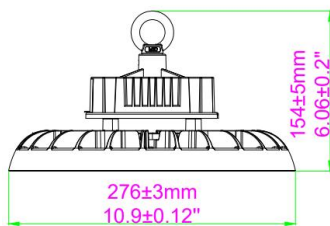**UL LISTED**

PLT-12748 - 100/120/150W,
3500/4000/5000K,
277-480V, 400W MH Equal,
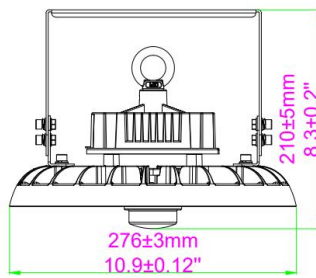White Finish, Sensor Ready

DIMENSIONS

Pendent

Surface-mounted
w/ PLTS-12377

154±5mm
6.06±0.2"

276±3mm
10.9±0.12"

189±5mm
7.44±0.2"

276±3mm
10.9±0.12"

175±5mm
6.9±0.2"

276±3mm
10.9±0.12"

210±5mm
8.3±0.2"

276±3mm
10.9±0.12"
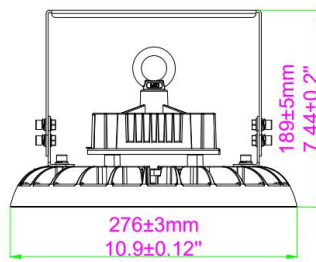
ADVANTAGE

➢ UL cUL certificate.

➢ Lumileds or Samsung Chip, high CRI.

➢ Input voltage 277-480VAC.

➢ Output constant current lever 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, safe to eyes.

➢ Instant start, NO humming.

➢ Green and eco-friendly without mercury.

APPLICATION

➢ Warehouse, factory and workshops;

➢ Highway toll station and gas station;

➢ Exhibition hall;

➢ Gymnasium and supermarkets, etc.

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)**	150W (wattage tunable 25%-100% or 150W/120W/100W)		
	Color Temperature	3500K	4000K	5000K
	Efficacy (Tolerance : -3%)**	143LM/W	160LM/W	148LM/W
	Lumen (Tolerance : -10%)**	21000LM	24000LM	22000LM
	CRI	>80		
	Color Consistency	＜7 Steps (or ＜7 SDCM)		
	UGR	＜28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)		
	Diffuser Type	PC Lens		
	Beam Angle (50%) (Tolerance : ±15%)	90 Degree		
ELECTRICAL	Input Voltage and Frequency	277-480VAC, 50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	＜5%		
	Driver Brand	Fahold Driver (0-10V dimming)		
	Driver Model	K1-V150B-260C12		
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV		
	Dimming	0-10V dimming standard(off)		
	Optional Accessory	Motion Mircowave Sensor[1], PIR Motion Sensor[2], Surge-protective Device[3], Wire guard[4,] Reflector shield[5]		
MATERIALS	LED Brand	Lumileds		
	LED Type	SMD2835		
	LED QTY	240*2PCS		
	Housing	Die-cast aluminum		
	Housing Color	White, Black*, or Customized**		
	Waterproof Rating	WET（IP65）		
OTHERS	Operating Temperature	Without Motion Sensor: -40℃ TO 50℃		
		With Motion Sensor: -30℃ TO 50℃		
	Storage Temperature	-40℃ TO 80℃		
	Operating Humidity	20％ - 90％ RH		
	Storage Humidity	10％ - 95％ RH		
	Warranty	5 years		

Black Finish - PLT-12749
***Custom finish options available via Special Order. Call 1-800-624-4488.*

PACKAGE

Lamp Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Pendent	295*295*135MM[11.61*11.61*5.31inch]	1PCS	2.1KG[4.63LBS]	2.5KG[5.51LBS]
Surface-mounted	295*295*135MM[11.61*11.61*5.31inch]	1PCS	2.5KG[5.51LBS]	2.9KG[6.39LBS]

Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.

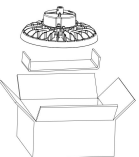**Optional Accessories:**
[1]Motion Microwave Sensor - NPS-00041
[2]Motion PIR Sensor - NPS-00042
[3]Surge-protective Device - NPS-00029
[4]Wire Guard - NPS-00169
[5]Reflector Shield - NPS-00170

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

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.
Fixture not turning on	Check the electrical connection.