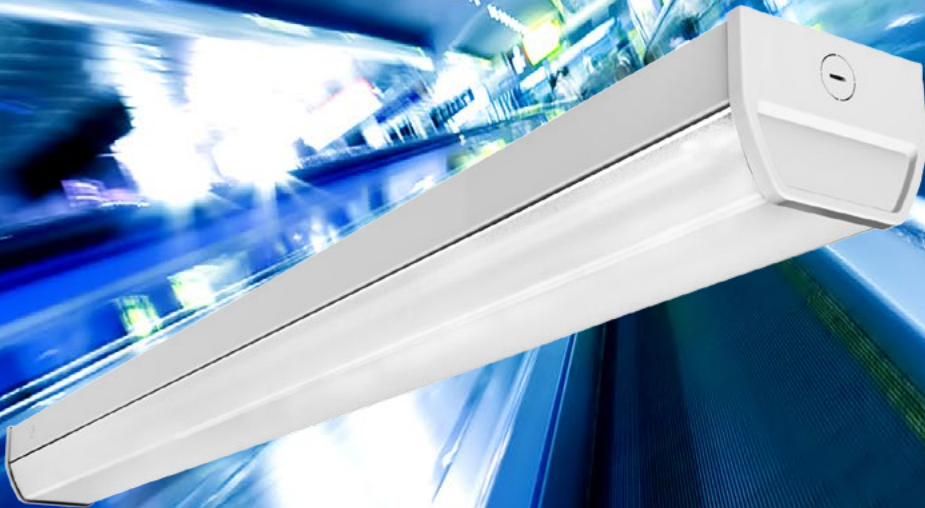




**ABOVE ALL**

[www.AboveAllLighting.com](http://www.AboveAllLighting.com)

**2019**  
**PRODUCT**  
**CATALOG**





## ABOUT US

Above All Lighting, a leader in R&D, manufacturing and customization of LED indoor and outdoor light fixtures. Above All Lighting is focused on serving the commercial and industrial markets and a commitment to design and manufacturing excellence. Above All Lighting uses the latest LED, thermal, optical, and control components in our products to ensure the best quality and the technology for the United States and Canadian Market.

Above All Lighting's headquarters is located in Toms River, New Jersey where Above All Lighting's products are engineered, designed and customized in our machine shop. Above All Lighting also owns its 600,000sf ISO9001: 2000 and ISO14001: 2004 certified factory in Asia to ensure the high quality of our products.

Above All Lighting's LED products include: area lights, outdoor floods, high bays, wall packs, garage lights, ceiling lights, LED tubes, and flat panels which meet the latest DLC requirements. Above All Lighting also offers led luminaires with special features such as customization of optics, brackets, diffusers, and controls including smart lighting technology, daylighting, motion and photo sensors, mesh networks, cameras, and Wi-Fi routers.

Above All Lighting's expert staff includes 22 engineers, 6 designers, and a senior management team with most of them having over 20 years of experience serving design, manufacturing, electrical distributors and contractors.

Service to customers and providing the best quality products is Above All Lighting's formula for success.



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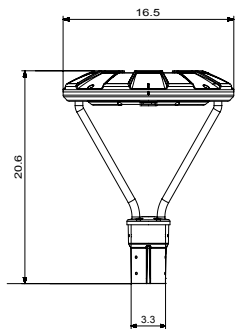
■ **FEATURES**

1. EPA is 0.7Sq.Ft.
2. Tempered Glass Lens
3. Full Lighting Distributions
4. Special Reflector Design

■ **Performance**

Input Watts (LM-79 Reported)	35	47.8	72.1	99.4	133
Input Voltage	120-277	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	4039	5319	8057.4	11595	16500
Replaces (MH)	150W	175W	250W	320W	400W
Lumen Per Watt	115	111	111.8	116.7	124
BUG Rating	MPT35301-III B2-U1-G1	MPT50301-III B2-U2-G1	MPT75301-V B3-U2-G2	MPT100301-V B3-U2-G2	MPT100301-V B3-U2-G2
EPA	0.7 ft <sup>2</sup>	0.7 ft <sup>2</sup>	0.7 ft <sup>2</sup>	0.7 ft <sup>2</sup>	0.7 ft <sup>2</sup>
Color Accuracy (CRI)	>70	>70	>70	>70	>70
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP66 rated	IP66 rated	IP66 rated	IP66 rated	IP66 rated

■ **Dimensions & Weight**



Effective Projected Area (EPA): 0.7ft<sup>2</sup>  
 Length: 16.5"  
 Width: 16.5"  
 Height: 20.6"  
 Max. Weight: 16.54 lbs

# EPA 0.7 Glass Lens Moon Series Post Top

## Ordering Information

Example: MPT35501-MS-L3B-P1-V

Moon Series	Watts	CCT	Voltage	Controls	Installation	Distribution	Finish
MPT	35 - 35 Watts	30 - 3000K	1 - 120-277V	MS - L3B - Motion Sensor	P1 - 2 3/8" or 3"	V - Type V	Blank - Dark
	50 - 50 Watts	40 - 4000K	2 - 347V <sup>1</sup>	With Black L3 Lens <sup>4</sup>	Tenon pole <sup>6</sup>	III - Type III	Bronze
	75 - 75 Watts	50 - 5000K	3 - 480V <sup>2</sup>	MS - L7B - Motion Sensor		II - Type II	AL - Aluminum
	100 - 100 Watts		6 - 347/480V <sup>3</sup>	with Black L7 Lens <sup>4</sup>			Silver
	135 - 135W <sup>7</sup>			PC - Photoelectric Control			
				7P - 7-Pin PE Receptacle <sup>5</sup>			

Notes:

- 347V is only used with photoelectric control.
- 480V is only used with photoelectric control.
- If choose 347/480V, please do not choose photoelectric control.

\* Standard Finish is Dark Bronze. Special Order as other finish color will take long time - Please Ask Customer Service for Details.

- Motion sensor is not available for 347/480V. Black L3 lens is standard for 35W and 50W; Black L7 lens is standard for 75W, 100W and 135W. Please check the motion sensor manual for more information.
- Shorting cap included.
- 4"OD round pole adapter is available for accessory.
- Standard is about 100LPW. High efficacy of about 124LPW is available. Please contact Customer Service for high efficacy version in advance.

## Accessories Information (Order Separately)



**MPT-4RPA**

4"OD round pole adapter for Moon series post top

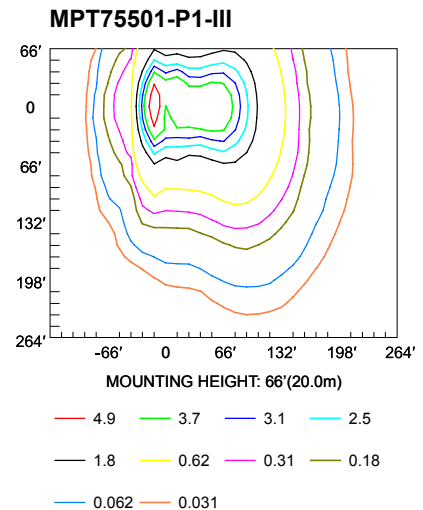
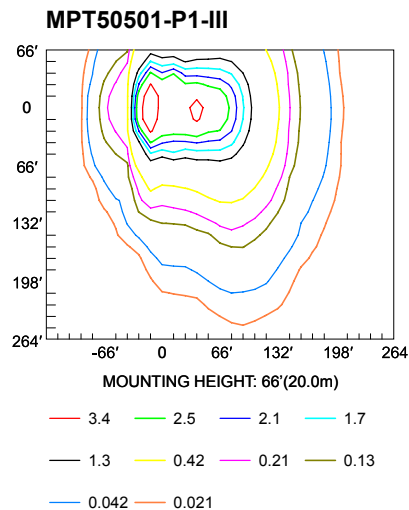
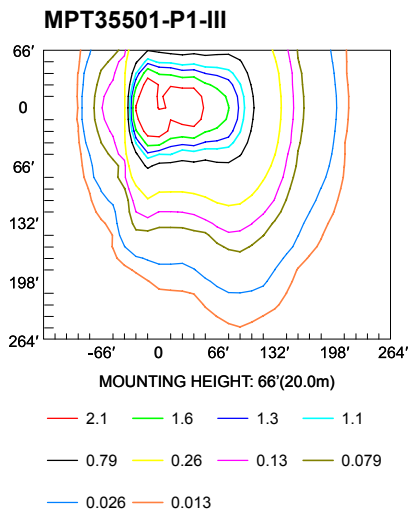


**MPT-HSS**

House side shield for Moon series post top

## Photometry

Mounting Height	16.5	19.8	23.1	26.4	29.7	33	36.3	39.6	42.9	46.2	49.5	52.8	66
Multiplier	16.0	11.1	8.2	6.3	4.9	4.0	3.3	2.8	2.4	2.0	1.8	1.6	1



Note: Please visit our website for more details.







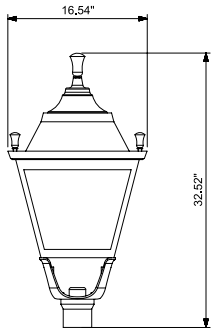
■ **FEATURES**

1. Up to 120LPW
2. IES distribution Types II, III, IV & V for various applications
3. Diffused glass lens panels for option
4. Photocontrol & 3/5/7 PIN NEMA receptacle optional
5. Integral 10KA surge suppression protection standard

■ **Performance**

Input Watts (LM-79 Reported)	30	50	75
Input Voltage	120-277	120-277	120-277
Output Lumens (@5000K)	3250	5750	8740
Replaces (MH)	150W	175W	250W
Lumen Per Watt	112	115	115
without four lens panels	1.70ft <sup>2</sup>	1.70ft <sup>2</sup>	1.70ft <sup>2</sup>
with four lens panels:	2.76ft <sup>2</sup>	2.76ft <sup>2</sup>	2.76ft <sup>2</sup>
Color Accuracy (CRI)	>70	>70	>70
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated	IP65 rated

■ **Dimensions & Weight**



Length: 16.54"  
 Height: 32.52"  
 Max. Weight: 14.33 lbs

■ **Ordering Information**

Example: PPT30301-P1-V

Pavilion Post Top	Watts	CCT	Voltage	Control	Installation	Distribution	Finish
PPT	30 - 30W	30 - 3000K	1 - 120-277V	Blank - None	P1 - 3" Tenon pole <sup>3</sup>	V - Type V <sup>4</sup>	Blank - Black
	50 - 50W	40 - 4000K	2 - 347V	PC - Photoelectric Control		IV - Type IV	
	75 - 75W	50 - 5000K	3 - 480V	7P - 7-Pin PE Receptacle <sup>2</sup>	III - Type III		
				6 - 347/480V <sup>1</sup>	II - Type II		

Notes:

1. If choose number 6 voltage (347/480V), please do not choose photoelectric control. 347/480V is not available for 30W.
2. Shorting cap included.
3. 4"OD round pole adapter is available for accessory.
4. Type V is standard. Please contact Customer Service to check the lead time for other distributions.

\*Please Ask Customer Service for any special requests.

## ■ Accessories Information (Order Separately)

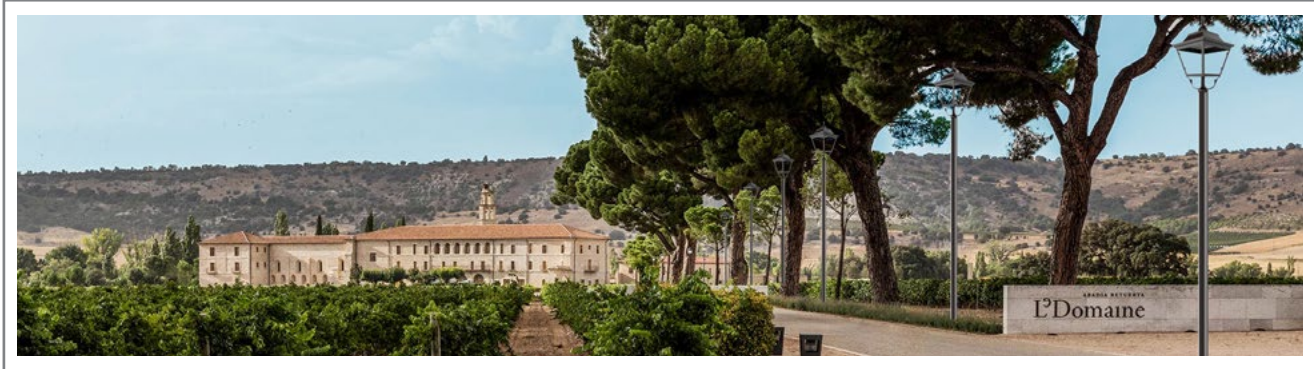


**MPT-4RPA**  
4"OD round pole adapter for post top



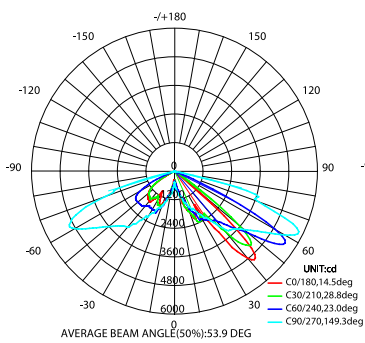
**PPT-GFL**  
4 pieces of glass frosted lens for pavilion LED post top

## ■ Application

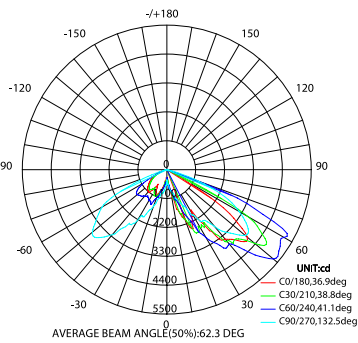


## ■ Photometry

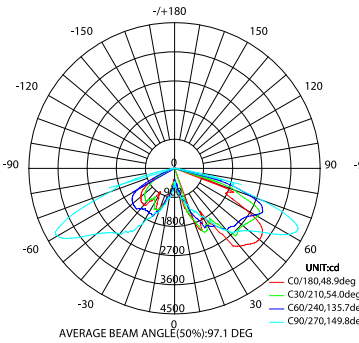
**Type II**



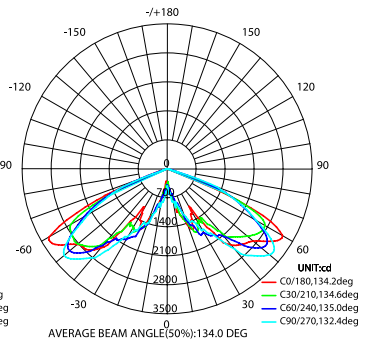
**Type III**



**Type IV**



**Type V**



**Note:** Please visit our website for more details.







■ **FEATURES**

1. None or acorn shade.
2. Photocontrol and microwave motion sensor optional.
3. Tempered glass lens doesn't fade and discolor.
4. IES distribution Types I, II & VN for various applications.

■ **Performance**

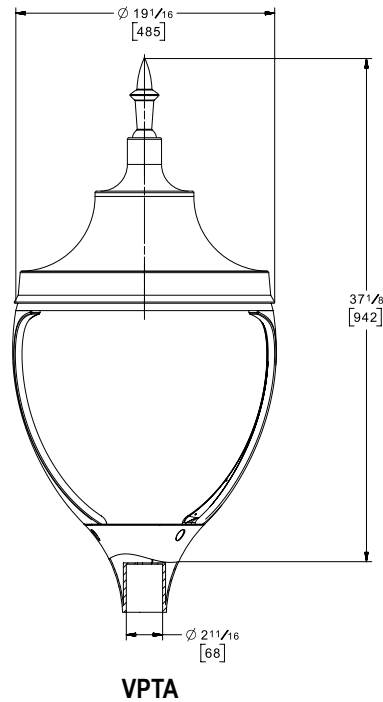
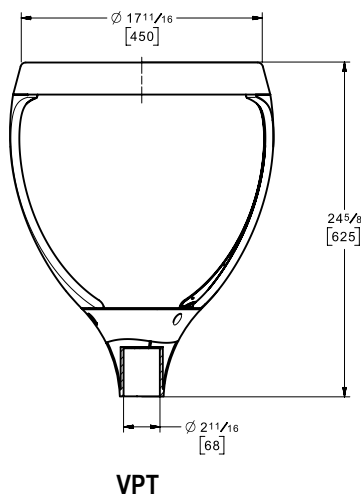
Input Watts (LM-79 Reported)	34	59	87	143
Input Voltage	120-277	120-277	120-277	120-277
Output Lumens (@4000K)	3640	6430	10000	15590
Replaces (MH)	150W	175W	250W	320W
Lumen Per Watt	107	109	115	109
Color Accuracy (CRI)	>70	>70	>70	>70
Working Temperature	-14-104°F (-10-40°C)	-14-104°F (-10-40°C)	-14-104°F (-10-40°C)	-14-104°F (-10-40°C)
IP Rating	IP66 rated	IP66 rated	IP66 rated	IP66 rated

■ **Dimensions & Weight**

Effective Projected Area (EPA):

VPT: 0.65ft<sup>2</sup>

VPTA: 1.69ft<sup>2</sup>



# The Versatile LED Post Top (None & Acorn Shade)

## Ordering Information

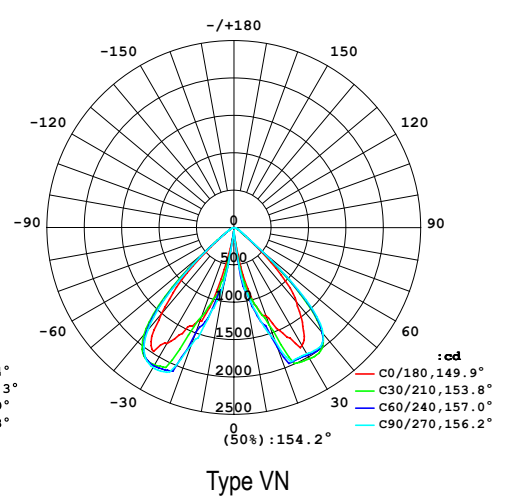
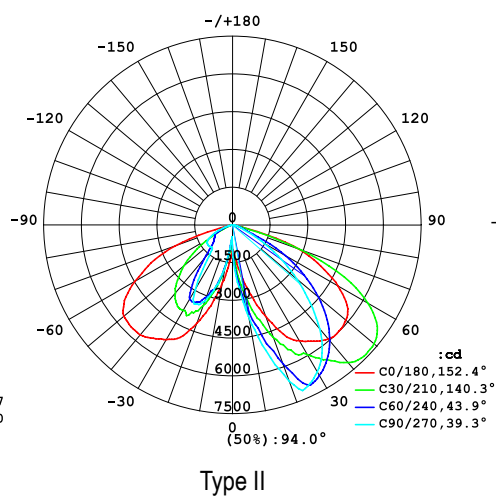
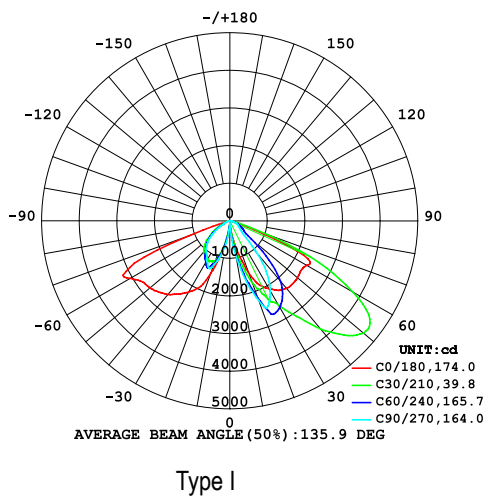
Example: VPTA30401-II

Name	Shade	Watts	CCT	Voltage	Control	Installation	Distribution	Lens	Finish
VPT	Blank - None <sup>2</sup>	30 - 30W	40 - 4000K	1- 120-277VAC	Blank - None	Blank - 2 3/8" Tenon Pole	I - Type I	Blank - Glass Clear Lens	Blank - Bronze
	A - Acorn	60 - 60W	50 - 5000K		PC - Photoelectric Control <sup>1</sup>		II - Type II		
		90 - 90W			MSW - Microwave Motion Sensor		VN - Type VN		
		150 - 150W							

Notice:

1. Photocontrol is not available for acorn shade.
  2. For the "VPT" do not have shade, only 150W available.
- \* Standard finish is bronze, please contact customer service for other finish.

## Photometry



Note: Please visit our website for more details.







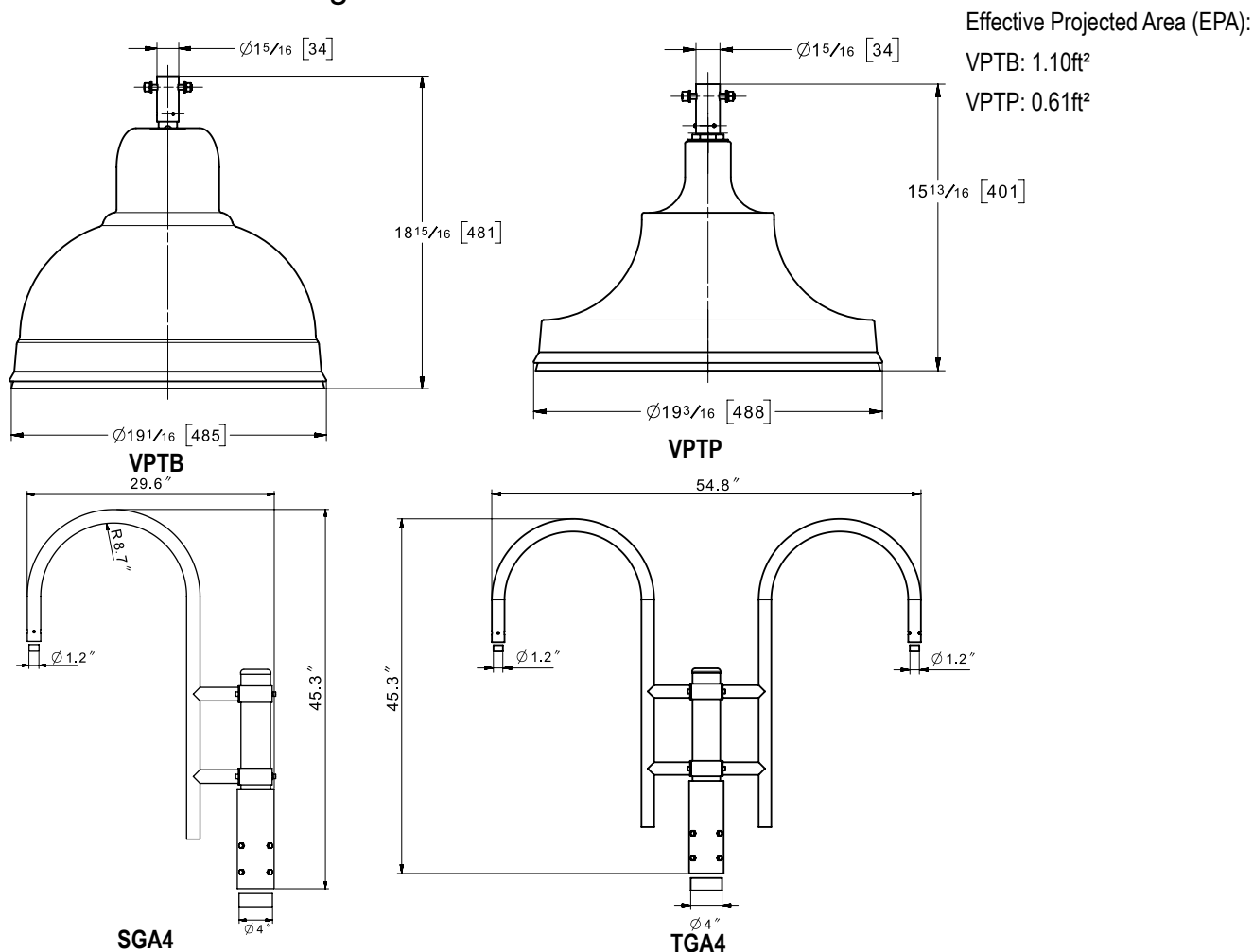
■ **FEATURES**

1. Bell and petunia shades available.
2. Photocontrol and microwave motion sensor optional.
3. Tempered glass lens doesn't fade and discolor.
4. IES distribution Types I, II & VN for various applications.

■ **Performance**

Input Watts (LM-79 Reported)	29	59	88	143
Input Voltage	120-277	120-277	120-277	120-277
Output Lumens (@4000K)	4060	8200	12000	18700
Replaces (MH)	150W	175W	250W	320W
Lumen Per Watt	140	139	137	131
Color Accuracy (CRI)	>70	>70	>70	>70
Working Temperature	-14-104°F (-10-40°C)	-14-104°F (-10-40°C)	-14-104°F (-10-40°C)	-14-104°F (-10-40°C)
IP Rating	IP66 rated	IP66 rated	IP66 rated	IP66 rated

■ **Dimensions & Weight**



# The Versatile LED Luminaire (Bell & Petunia Shade)

## Ordering Information

Example: VPTB30401-II

Name	Shade	Watts	CCT	Voltage	Control	Installation	Distribution	Lens	Finish
VPT	B - Bell	30 - 30W	30 - 3000K	1- 120-277VAC	Blank - None	Blank - Pendant Mount	I - Type I	Blank - Glass Clear Lens	Blank -
	P - Petunia	60 - 60W	40 - 4000K		PC - Photoelectric	Order and shipped	II - Type II	Order and shipped	Bronze
		90 - 90W	50 - 5000K		Control <sup>1</sup>	separately <sup>2</sup>	VN - Type V	separately <sup>2</sup>	
		150 - 150W			MSW - Microwave Motion Sensor	SGA4 - Single Gooseneck Arm for 4" OD pole <sup>1</sup> TGA4 - Twin Gooseneck Arm for 4" OD pole <sup>2</sup>	Narrow	PDL-Polycarbonate Drop Lens	

Notice:

1. Photocell can only be mounted with SGA4 or TGA4.
2. Please check the accessory table for details.

## Accessories Information (Order Separately)



90304

VPTB-PDL

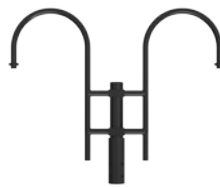
Polycarbonate Drop Lens



90302

SGA4

Single Gooseneck Arm  
for 4" OD Pole

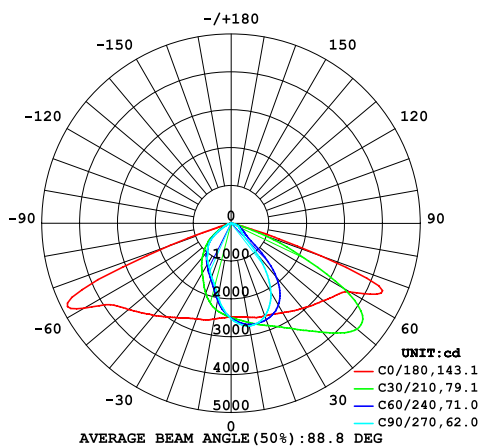


90303

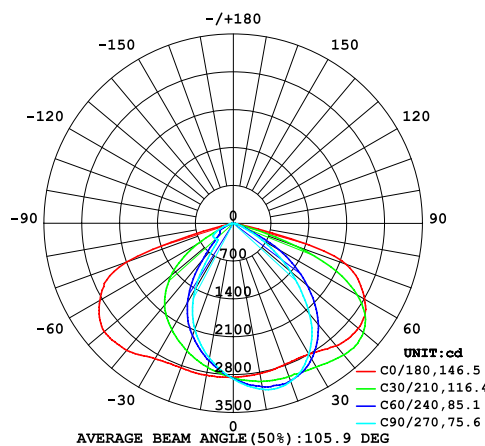
TGA4

Twin Gooseneck  
Arm for 4" OD Pole

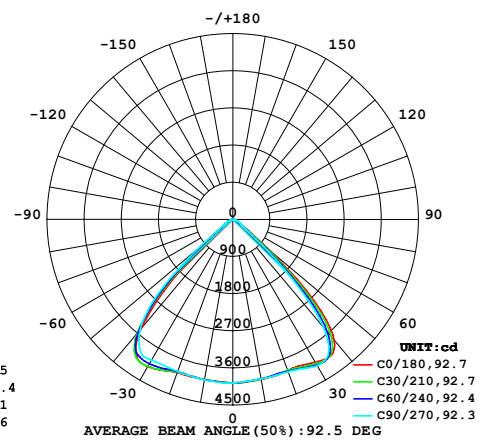
## Photometry



Type I



Type II



Type VN

Note: Please visit our website for more details.





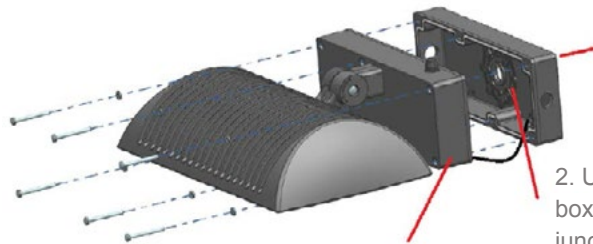
■ **FEATURES**

1. Top 5 LED Chip & LED Driver
2. Tempered Glass Lens
3. EBU Available For Low Wattage
4. 3000-14,000 Lumen Package

■ **Performance**

Input Watts (LM-79 Reported)	25	41	52	81	101	123
Input Voltage	120-277	120-277	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	3060	4960	6548	10166	12558	14454
Replaces (MH)	150W	175W	250W	320W	400W	400W
Lumen Per Watt	123	121	127	125	124	117
Color Accuracy (CRI)	>70	>70	>70	>70	>70	>70
Bug Rating	B1-U1-G1	B2-U1-G1	B1-U1-G1	B2-U1-G2	B3-U1-G2	B3-U2-G2
EPA	26W/38W EPA= 0.68 max (depending on mounting type)			52W/80W/100W/120W EPA=1.42 max (depending on mounting type)		
Working Temperature	-40-104°F (-40-40°C)			-40-104°F (-40-40°C)		
IP Rating	IP65 rated			IP65 rated		

■ **Installation**

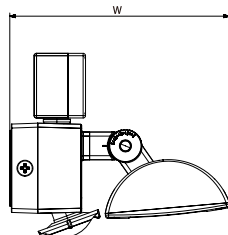
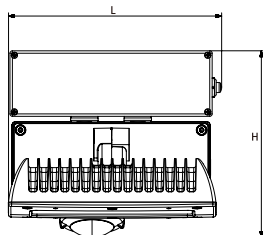
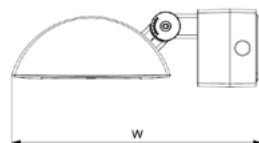
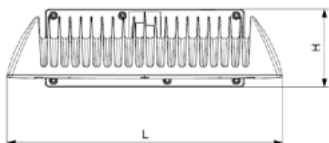


1. Put Driver box (Water proof foam at back) to appropriate position, follow installation manual.

2. Using tool to open holes at driver box (The holes position in driver box follow U.S. standard the hole position of appropriate position junction box requirement ), screw tightly.

3. Closed power supply cover, screw tightly and finish installation.

■ **Dimensions & Weight**



**Without EBU and Motion Sensor**

**26W & 38W**

Length: 10.12"  
Width: 9.84"  
Height: 4.69"  
Max. Weight: 8.8 lbs

**52W, 80W, 100W, 120W**

Length: 15.32"  
Width: 13.78"  
Height: 4.44"  
Max. Weight: 17 lbs

**With EBU and Motion Sensor**

**26W & 38W**

Length: 10.35"  
Width: 10.83"  
Height: 9.24"  
Max. Weight: 11.92 lbs



## Ordering Information Example: WL26501

Wall Light	Watts	CCT	Voltage	Controls	Lens Type
<b>WL</b>	26 - 26 Watts	30 - 3000K <sup>1</sup>	1 - 120-277V	<b>MS</b> - Multi Level Motion Sensor <sup>2</sup>	<b>L3B</b> - Black L3 lens <sup>5</sup>
	38 - 38 Watts	40 - 4000K	4 - 120V		
	52 - 52 Watts	50 - 5000K	5 - 277V	<b>EBU</b> - Emergency battery backup <sup>4</sup>	
	70 - 80 Watts		6 - 347V/ 480V <sup>6</sup>		
	100 - 100 Watts				
	120 - 120 Watts				

Notice:

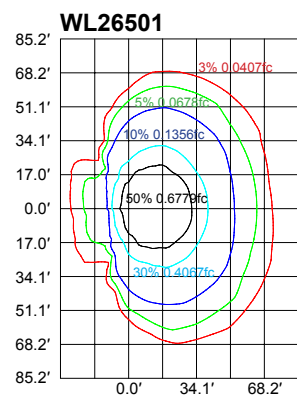
- 3000K DLC Premium only qualified in 26W, 38W, 52W and 80W
- Motion Sensor is only available in 26W and 38W
- PC is only for 120V or 277V. Without PC, please choose 120-277V
- EBU is only available in 26W and 38W. And, the working temperature is 0-40°C
- Default motion sensor lens type is black L3 lens - Please ask customer service for other options.
- High Voltage version is unavailable in 26W and 38W.

\* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

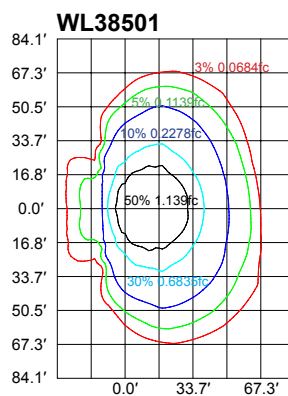
## Photometry

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1

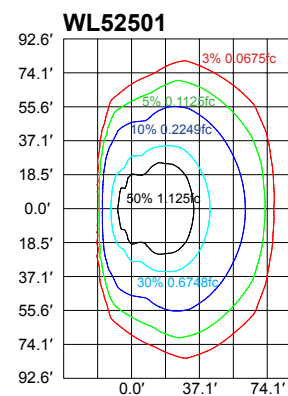
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



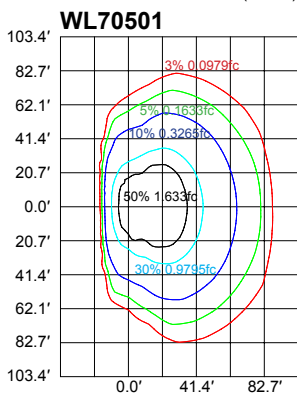
MOUNTING HEIGHT: 33'(10.0m)



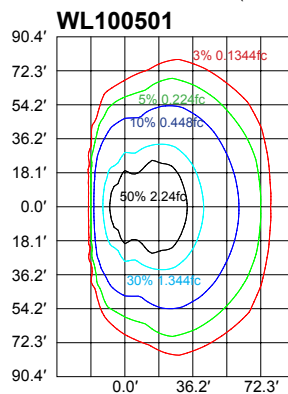
MOUNTING HEIGHT: 33'(10.0m)



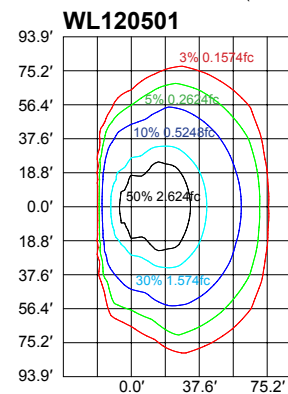
MOUNTING HEIGHT: 33'(10.0m)



MOUNTING HEIGHT: 33'(10.0m)



MOUNTING HEIGHT: 33'(10.0m)



MOUNTING HEIGHT: 33'(10.0m)

Note: Please visit our website for more details.





■ FEATURES

1. Top 5 LED Chip
2. Modern Yet Classic Design
3. Versatile Design

■ Performance

Input Watts (LM-79 Reported)	14	20
Input Voltage	120-277	120-277
Output Lumens (@5000K)	1626	2275
Replaces (MH)	70W	100W
Lumen Per Watt	115	114
Color Accuracy (CRI)	>70	>70
Bug Rating	B1-U1-G0	B1-U1-G0
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated

■ Installation

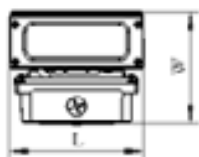
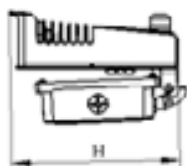


Wall Pack, Wall Mount,  
Including junction box



Connection between junction box  
and fixture can be adjusted

■ Dimensions



**15W&20W wall mount  
(with junction box)**

Length: 7.2"

Width: 5.6"

Height: 4.8"

## ■ Ordering Information Example: MFW15504-PC-WL

Name	Watts	CCT	Voltage	Controls	Installation
<b>MFW</b>	15 - 15 Watts	30 - 3000K	1 - 120-277V	<b>PC</b> - Photo Control <sup>1</sup> (only 120V or 277V)	<b>WL</b> - Wall Mount(Junction Box)
	20 - 20 Watts	40 - 4000K	4 - 120V		
		50 - 5000K	5 - 277V		

Notice:

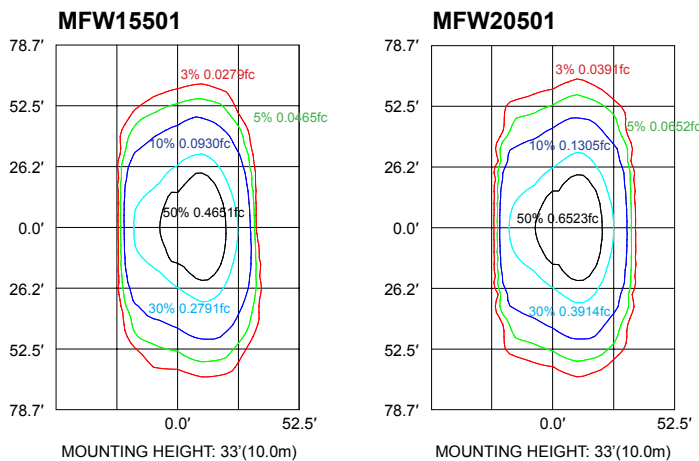
1. PC is only for 120V or 277V. Without PC, please choose 120-277V.

\* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

## ■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



**Note:** Please visit our website for more details.







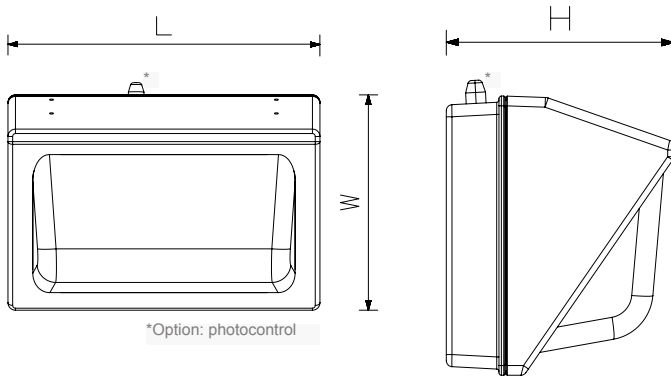
■ **FEATURES**

1. Tempered Glass Lens
2. Top 5 LED Chip & LED Driver
3. EBU Available For Low Wattage

■ **Performance**

Input Watts (LM-79 Reported)	21	31	37	50
Input Voltage	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	2385	3269	3663	4941
Replaces (MH)	125W	150W	175W	250W
Lumen Per Watt	114	105	99	99
Color Accuracy (CRI)	>80	>80	>70	>70
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated	IP65 rated	IP65 rated

■ **Dimensions & Weight**



\*Option: photocontrol

**20W & 30W**

Length: 14.5"  
Width: 9.0"  
Height: 7.5"  
Max. Weight: 10.12 lbs

**40W & 52W**

Length: 18.5"  
Width: 9.0"  
Height: 9.5"  
Max. Weight: 16.7 lbs

■ **Ordering Information**

Example: ABBWP30504-PC

ABOVE ALL	Wall Pack	Watts	CCT	Voltage	Controls
ABB	WP	20 - 20 Watts	30 - 3000K <sup>1</sup>	1 - 120-277V	MSW - Microwave Motion Sensor
		30 - 30 Watts	40 - 4000K <sup>2</sup>	4 - 120V	PC - Photo Control <sup>3</sup>
		40 - 40 Watts	50 - 5000K	5 - 277V	Leave blank for no controls
		55 - 52 Watts			EBU - Emergency Battery Backup <sup>4</sup>

Notice:

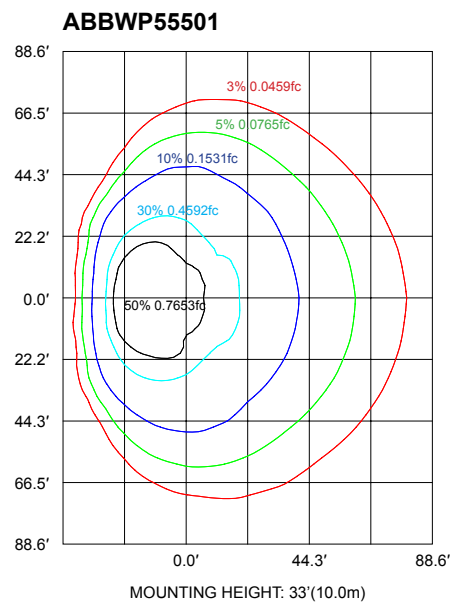
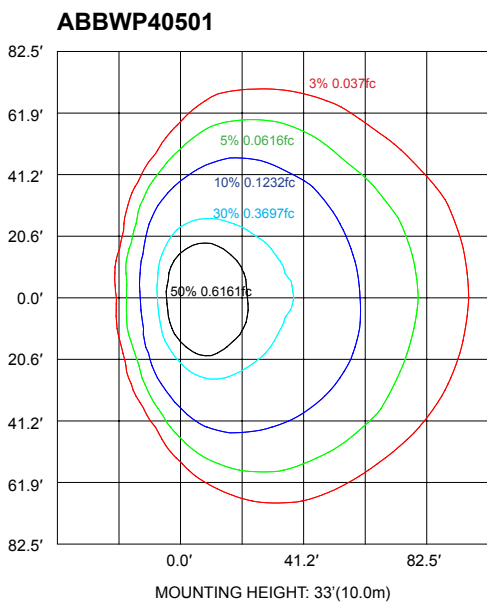
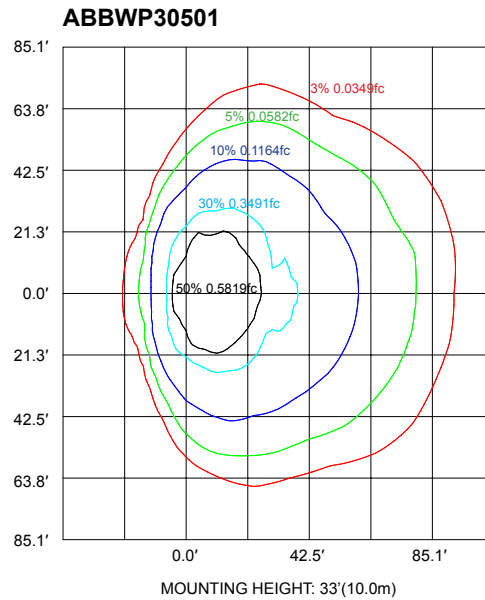
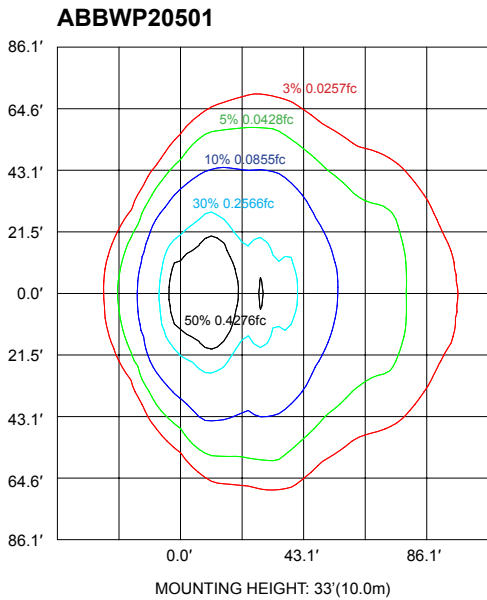
1. 3000K DLC is only available in 20W and 30W.
2. 4000K DLC is only available in 20W and 30W.
3. PC is only for 120V or 277V. Without PC, please choose 120-277V.
4. EBU solution are only available in 20W, 30W and 40W. And the working temperature is 32-104°F.

\* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

## ■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



**Note:** Please visit our website for more details.





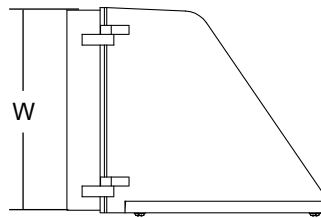
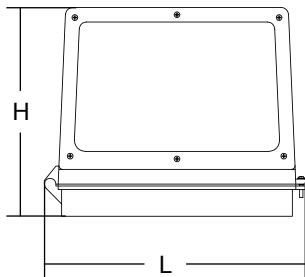
■ **FEATURES**

1. DLC Premium listed
2. Imported Long-life LG LED and reliable Fulham driver
3. Uniform color consistency
4. Constructed of tempered glass lens and heavy duty IP65-rated housing
5. No heavy metals or harmful gas
6. Universal voltage
7. Optional photo control, motion sensor and emergency battery backup.

■ **Performance**

Input Watts (LM-79 Reported)	19	29	35	49
Input Voltage	120-277	120-277	120-277	120-277
Output Lumens (@4000K)	2061	3440	4203	6263
Replaces (MH)	125W	150W	175W	250W
Lumen Per Watt	107	120	119	129
Color Accuracy (CRI)	>70	>70	>70	>70
Working Temperature	-31-104°F (-35-40°C)	-31-104°F (-35-40°C)	-31-104°F (-35-40°C)	-31-104°F (-35-40°C)
IP Rating	IP65 rated	IP65 rated	IP65 rated	IP65 rated

■ **Dimensions & Weight**



**20W, 30W & 38W**

Length: 14.4"  
Width: 9"  
Height: 11.4"  
Max. Weight: 9 lbs

**52W**

Length: 18"  
Width: 9.5"  
Height: 13.5"  
Max. Weight: 15.4 lbs

■ **Ordering Information**

Example: ABWP40LED50DS-MSW

ABOVE ALL	Wall Pack	Watts	Source type	CCT	Distribution	Controls
AB	WP	20 - 20 Watts	LED	30 - 3000K <sup>1</sup>	DS - Dark Sky	MSW - Microware Motion Sensor
		30 - 30 Watts		40 - 4000K		PC12 - Photo Control 120V
		40 - 38 Watts		50 - 5000K		PC27 - Photo Control 277V
		60 - 52 Watts				EBU6 - 6W Emergency battery Backup <sup>2</sup>
						Leave blank for no controls

Notice:

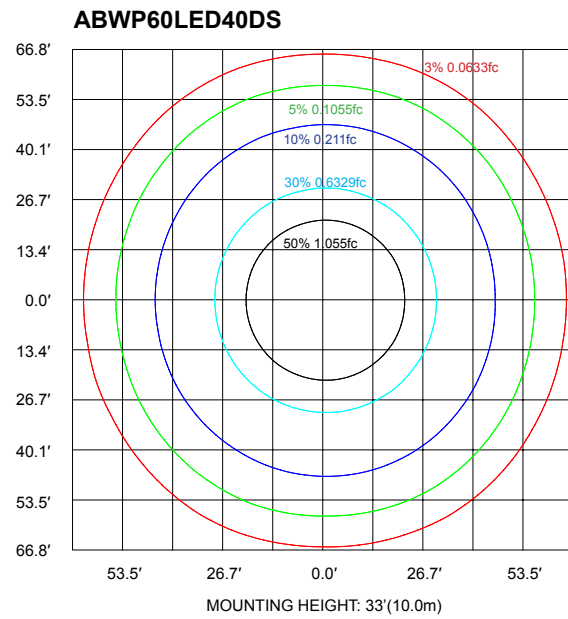
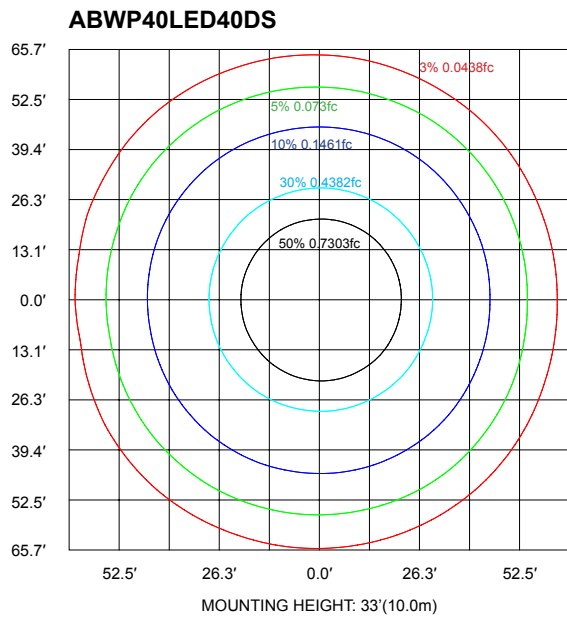
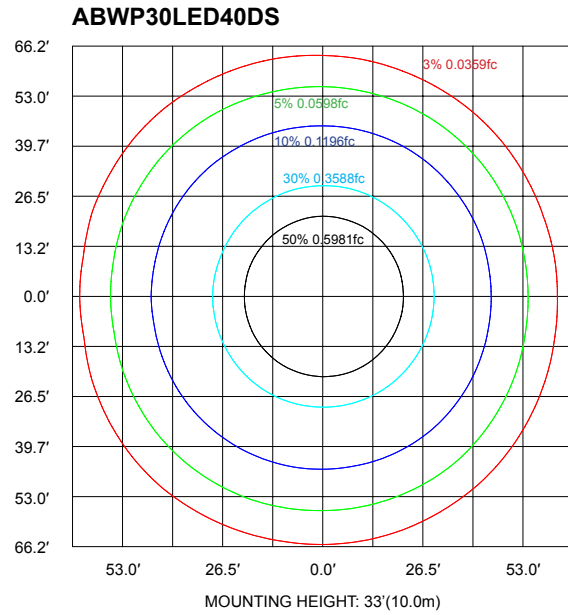
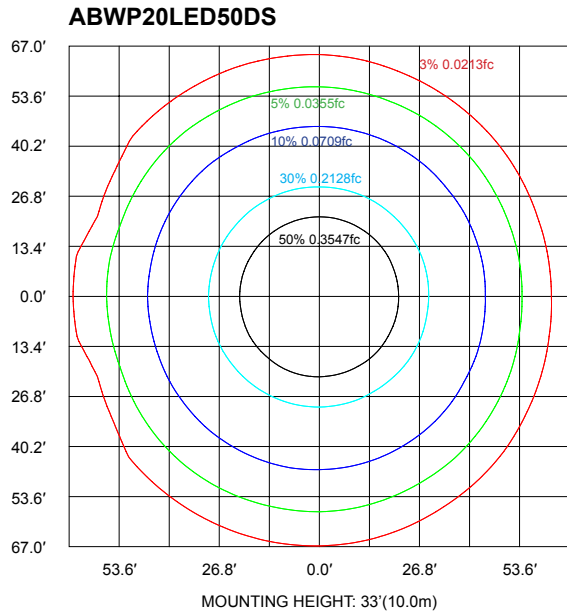
1. DLC Premium is unavailable in 3000K.
  2. EBU solution is only available in 20W, 30W and 38W. And the working temperature is 32-104°F.
- \* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.



## ■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



**Note:** Please visit our website for more details.





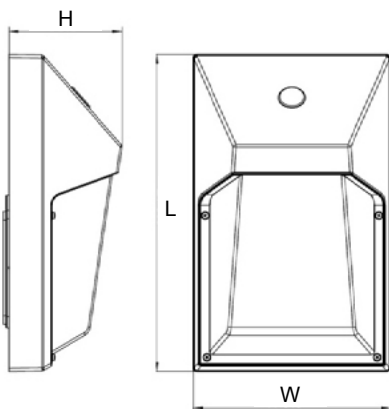
■ **FEATURES**

1. Slim Modern design
2. Integrated button photocell
3. Uniform color consistency
4. Super thin prismatic lens design to minimize the glare

■ **Performance**

Input Watts (LM-79 Reported)	9	13	26
Input Voltage	120V	120V	120V
Output Lumens (@ 5000K)	1215	1720	3460
Replaces (MH)	70W	100W	175-250W
Lumen Per Watt	135	133	133
Color Accuracy (CRI)	>80	>80	>80
Bug Rating	B0-U3-G1	B0-U3-G2	B0-U3-G3
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated	IP65 rated

■ **Dimensions & Weight**



Length: 10.98"  
 Width: 6.84"  
 Height: 3.93"  
 Max. Weight: 3.39 lbs

# Architecture TR Security Light

## Ordering Information Example: TRSEC14504

Transformer Series	Security Light	Watts	CCT	Voltage
TR	SEC	10-10W	30 - 3000K	1 - 120-277V
		14-14W	40 - 4000K	4 - 120V <sup>2</sup>
		24-24W	50 - 5000K	5 - 277V <sup>3</sup>

Notice:

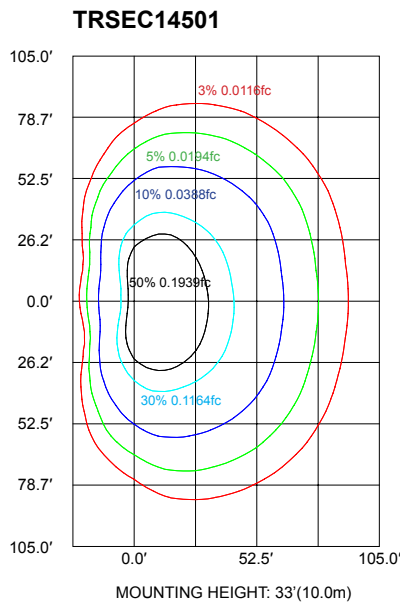
1. DLC Premium only for 5000K at present.
2. It is with 120V button photocell.
3. It is with 277V button photocell.

\* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details

## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



**Note:** Please visit our website for more details.







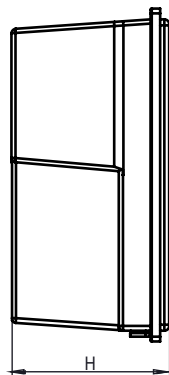
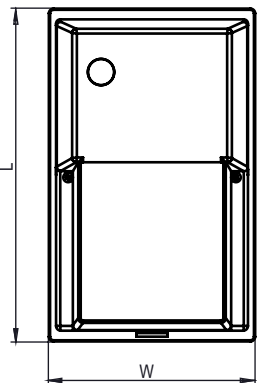
■ **FEATURES**

1. High-quality lens
2. Thermally managed construction
3. Heavy duty housing
4. Self-contained driver
5. Uniform color consistency
6. Environmental protection, no heavy metals and harmful gas
7. 120-volt electrical systems, integrated photocell included

■ **Performance**

Input Watts (LM-79 Reported)	11
Input Voltage	120V
Output Lumens (@3000K)	1296
Replaces (MH)	70W
Lumen Per Watt	114
Color Accuracy (CRI)	>70
Bug Rating	B0-U3-G2
Working Temperature	-40-104°F (-40-40°C)
IP Rating	IP65 rated

■ **Dimensions & Weight**



Length: 10.9"  
 Width: 6.8"  
 Height: 5.2"  
 Max. Weight: 3.39 lbs

# Traditional Security Light

## ■ Ordering Information Example: ABBSEC14504

ABOVE ALL	Security Light	Watts	CCT	Voltage
<b>ABB</b>	<b>SEC</b>	14 - 14 Watts	30 - 3000K 40 - 4000K 50 - 5000K	4 - 120V

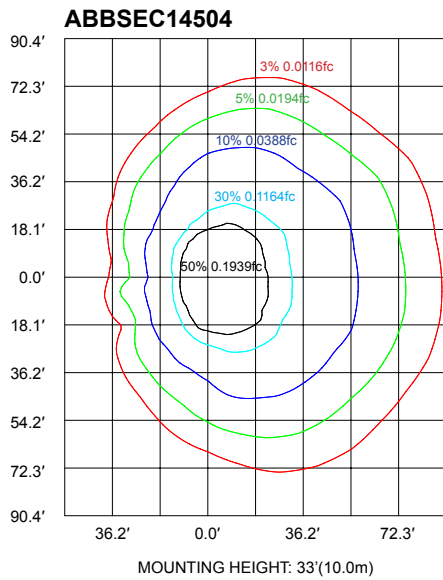
Notice:

\* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

## ■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



**Note:** Please visit our website for more details.







DGING / TRANSPORTATION / ATTRACTIONS

Information kiosk displaying various brochures and maps, including sections for 'Dining', 'Transportation', and 'Attractions'. The kiosk features a grid of colorful brochures and three telephone handsets for user assistance.

Restrooms



■ **FEATURES**

1. 3000-14,000 Lumen Package
2. Top 5 LED Chip & LED Driver
3. Knuckle, Trunnion, Slip Fitter Mountings

■ **Performance**

Input Watts (LM-79 Reported)	25	41	52	80	100	120
Input Voltage	120-277	120-277	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	3061	5100	6643	9619	12014	14185
Replaces (MH)	150W	175W	250W	320W	400W	400W
Lumen Per Watt	123	126	128	121	119	117
Color Accuracy (CRI)	>70	>70	>70	>70	>70	>70
Bug Rating	B1-U1-G0	B1-U1-G0	B1-U1-G1	B2-U1-G1	B2-U1-G2	B3-U2-G1
EPA	26W/38W/52W EPA= 0.69 max (depending on mounting type)			80W/100W/120W EPA=0.9 max (depending on mounting type)		
Working Temperature	-40-104°F (-40-40°C)			-40-104°F (-40-40°C)		
IP Rating	IP65 rated			IP65 rated		

■ **Dimensions & Weight**

 <p><b>26W, 38W, 52W Trunnion</b>                  Length: 10.63”(270mm)                  Width: 9.17”(233mm)                  Height: 8.47”(215mm)                  Max. Weight: 12.5 lbs</p>	 <p><b>26W, 38W, 52W Knuckle</b>                  Length: 10.63”(270mm)                  Width: 8.85”(225mm)                  Height: 10.35”(263mm)                  Max. Weight: 14 lbs</p>
 <p><b>80W, 100W &amp; 120W Trunnion</b>                  Length: 13.46”(342mm)                  Width: 9.09”(231mm)                  Height: 8.47”(215mm)                  Max. Weight: 16.1 lbs</p>	 <p><b>80W, 100W &amp; 120W Slip Fitter</b>                  Length: 13.46”(342mm)                  Width: 8.39”(210mm)                  Height: 9.69”(246mm)                  Max. Weight: 17.3 lbs</p>

■ **Installation**

**OPTION 1: TRUNNION**



**OPTION 2: 1/2" X 14 NPS KNUCKLE MOUNTING**

Knuckle only for 26W, 38W, & 52W



**OPTION 3: SLIP FITTER**

2-3/8" slip fitter is commonly used to 80W, 100W & 120W. Optional for 26W, 38W and 52W.





# DLC P Glass V-Line Flood Light

## Ordering Information

Example: FL26504-PC-TR

Flood Light	Watts	CCT	Voltage	Controls	Installation
FL	26 - 26 Watts	30 - 3000K <sup>1</sup>	1 - 120-277V	PC - Photo Control <sup>3</sup>	SF - Slip Fitter <sup>4</sup>
	38 - 38 Watts	40- 4000K	4 - 120V		TR - Trunnion
	52 - 52 Watts	50 - 5000K	5 - 277V		KN - Knuckle <sup>5</sup>
	70 - 80 Watts		6 - 347V/ 480V <sup>2</sup>		
	100 - 100 Watts				
	120 - 120 Watts				

Notice:

- 3000K DLC Premium only qualified with 26W, 38W and 52W.
- 347V/480V input is unavailable in 26W and 38W.
- PC is only for 120V or 277V. Without PC, please choose 120-277V.
- 2-3/8" slip fitter is commonly used to 80W, 100W and 120W. Optional for 26W, 38W and 52W.
- 1/2" knuckle is only for 26W, 38W, and 52W.

\* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

## Accessories Information (Order Separately)



Glare shield-S1

3.5"Height

Suitable for V-line flood light

26W/38W/52W

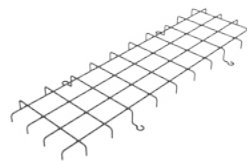


Glare shield-L1

3.5"Height

Suitable for V-line flood

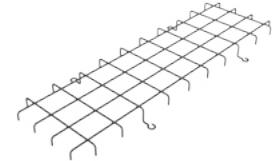
light 80W/100W/120W



V-Line FL Wire guard-S1

Suitable for V-Line flood light

26W/38W/52W



V-Line FL Wire guard-L1

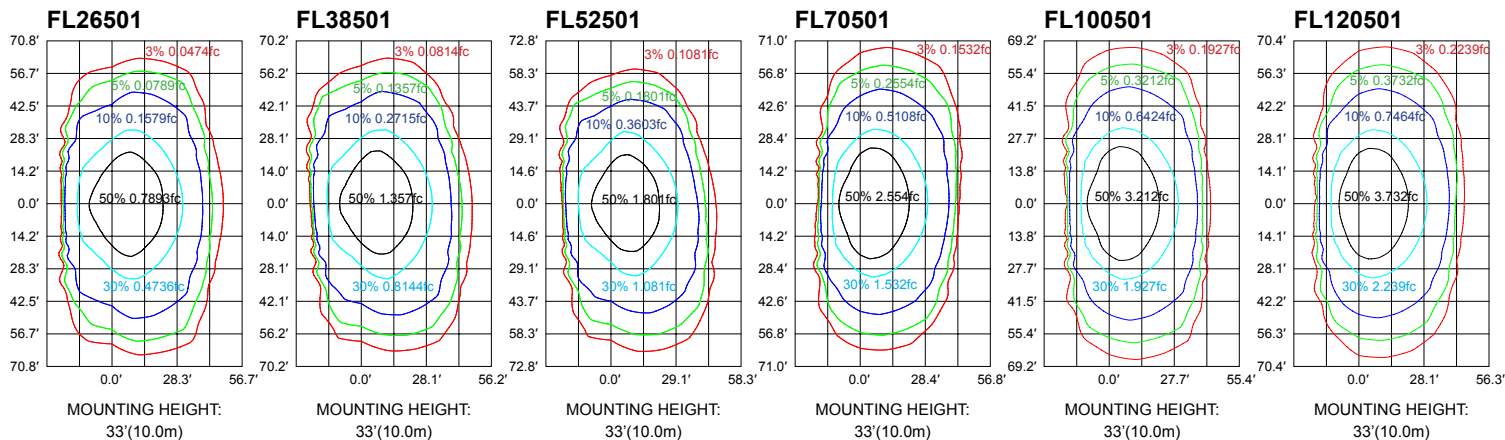
Suitable for V-Line flood light

80W/100W/120W

## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.





■ FEATURES

1. Top 5 LED Chip
2. Modern Yet Classic Design
3. Versatile Design
4. Knuckle, Trunion Mountings

■ Performance

Input Watts (LM-79 Reported)	14	20
Input Voltage	120-277	120-277
Output Lumens (@5000K)	1626	2275
Replaces (MH)	70W	100W
Lumen Per Watt	115	114
Color Accuracy (CRI)	>70	>70
Bug Rating	B1-U1-G0	B1-U1-G0
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated

■ Installation

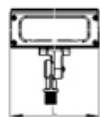
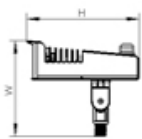


Flood Light, Knuckle



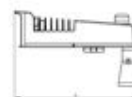
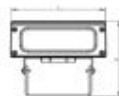
Flood Light, Trunion

■ Dimensions



**15W&20W Knuckle**

Length: 7.2"  
Width: 6.2"  
Height: 2.44"



**15W&20W Trunion**

Length: 7.2"  
Width: 5.2"  
Height: 2.44"

# DLC P Architecture Leopard Series Mini Flood Light

## ■ Ordering Information

Example: MFW15504-PC-KN

Name	Watts	CCT	Voltage	Controls	Installation
MFW	15 - 15 Watts	30 - 3000K	1 - 120-277V	PC - Photo Control <sup>1</sup> (only 120V or 277V)	KN - Knuckle
	20 - 20 Watts	40 - 4000K	4 - 120V		TR - Trunion
		50 - 5000K	5 - 277V		

Notice:

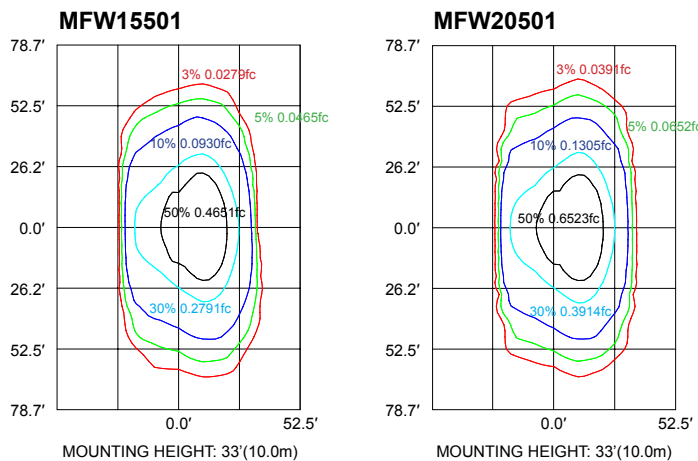
1. PC is only for 120V or 277V. Without PC, please choose 120-277V.

\* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

## ■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.















■ **FEATURES**

1. Tempered Glass Lens
2. Up to 29,000 lm
3. Full Lighting Distributions
4. Special Reflector Design

■ **Performance**

Input Watts (LM-79 Reported)	104	160	197
Input Voltage	120-277	120-277	120-277
Output Lumens (@5000K)	12480	18868	21046
Replaces (MH)	400W	600W	800W
Lumen Per Watt	120	118	107
Color Accuracy (CRI)	>70	>70	>70
Bug Rating	MT100501-III B3-U0-G2 MT100501-VW B3-U0-G2	MT150501-III B3-U0-G2 MT150501-VW B4-U0-G2	MT200501-III B3-U0-G2 MT200501-VW B4-U0-G2
EPA	100W/150W/200W EPA=1.46 max (depending on mounting type)		
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP66 rated	IP66 rated	IP66 rated

■ **Installation**

**OPTION 1: POLE INSTALLATION**



Round pole



Square pole

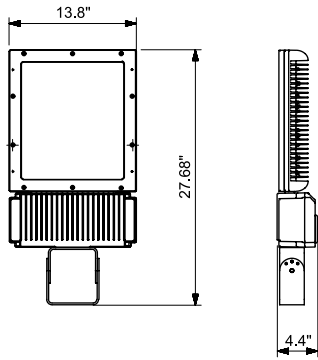
**OPTION 2: UNIVERSAL SLIP FITTER INSTALLATION**



**OPTION 3: FLOOD LIGHT TRUNNION / YOKE INSTALLATION**



## ■ Dimensions & Weight



### 100W, 150W, 200W

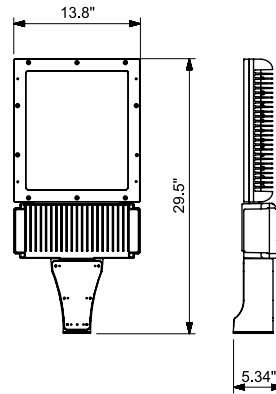
#### Trunnion

Length: 27.68"

Width: 13.8"

Height: 4.4"

Max Weight: 11.6kg/25.6lbs



### 100W, 150W, 200W

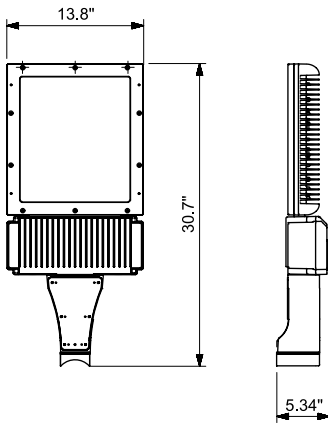
#### Square Arm

Length: 29.5"

Width: 13.8"

Height: 5.34"

Max Weight: 11.6kg/25.6lbs



### 100W, 150W, 200W

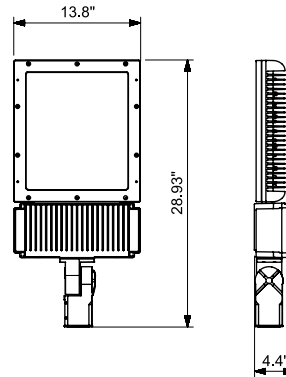
#### Round Extended Arm

Length: 30.7"

Width: 13.8"

Height: 5.34"

Max Weight: 11.6kg/25.6lbs



### 100W, 150W, 200W

#### Slip Fitter

Length: 28.93"

Width: 13.8"

Height: 4.4"

Max Weight: 11.6kg/25.6lbs

## ■ Ordering Information

Example: MT150501-PC-VW

MT	Watts	CCT	Voltage	Controls	Distribution	Finish
MT	100 - 100 Watts	30 - 3000K	1 - 120-277V	Blank - None	III - Type III	Blank - Dark Bronze
	150 - 150 Watts	40 - 4000K	2 - 347V <sup>1</sup>	MS-L7B - Motion Sensor with Black L7 Lens <sup>4</sup>	VW - Type V Wide	AL - Aluminum Silver
	200 - 200 Watts	50 - 5000K	3 - 480V <sup>2</sup>	PC - Photoelectric Control	VN - Type V Narrow	
			6 - 347V/480V <sup>3</sup>	7P - 7 Pin PE Receptacle <sup>5</sup>	VM - Type V Middle	
					IV - Type IV	

Note:

- 347V is only used with photoelectric control .
- 480V is only used with photoelectric control.
- If choose 347/480V, please do not choose photoelectric control.
- The standard MS L7 lens is suitable for the mounting height of 6m (20ft) and higher.
- Shorting cap included.

\*Please Ask Customer Service for any special requests.

■ Accessories Information (Ordered separately/field install)



**90062**  
MT-Arm for Square Pole



**90046**  
MT-Slip fitter



**90055**  
MT-Trunnion



**90047**  
MT-Flat 3.15" Extended Arm  
for square pole



**90048**  
MT- Round Pole Adapter



**90202**  
MT-Round 3.15" Extended Arm  
for round pole



**90175**  
MT-SS  
Side shield for 100W,  
150W, 200W



**90176**  
MT-RS  
Rear shield for 100W,  
150W, 200W

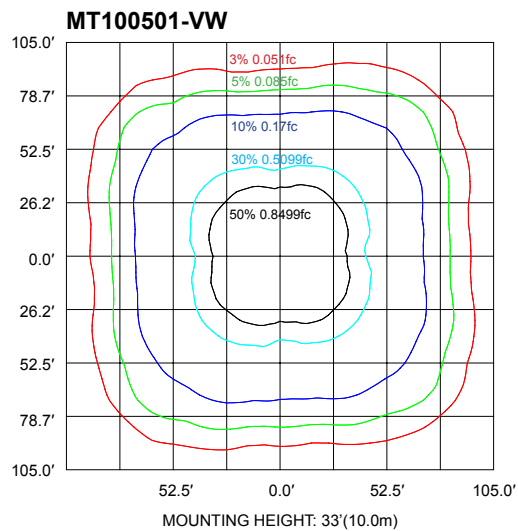
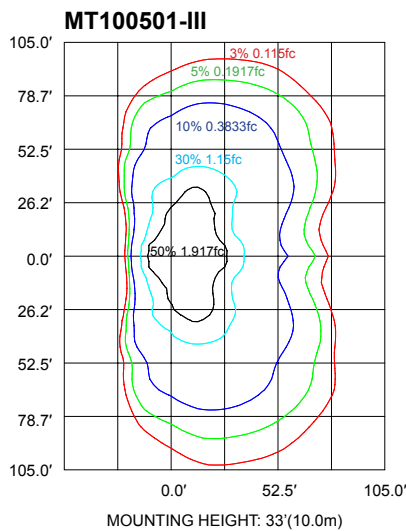
**Note:**

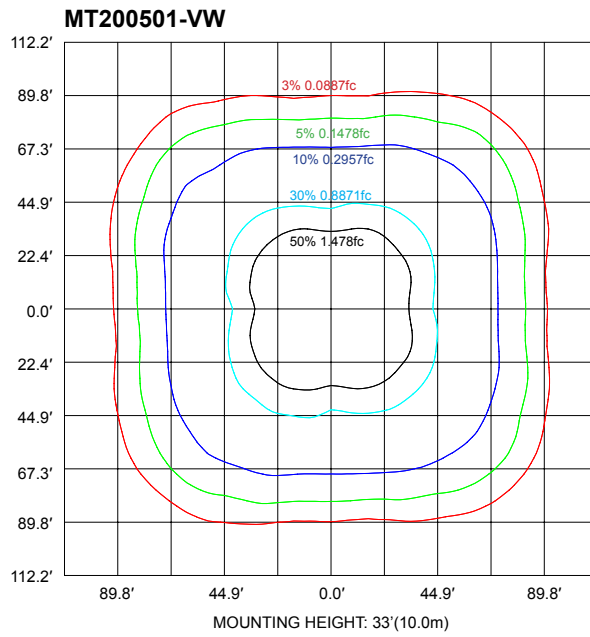
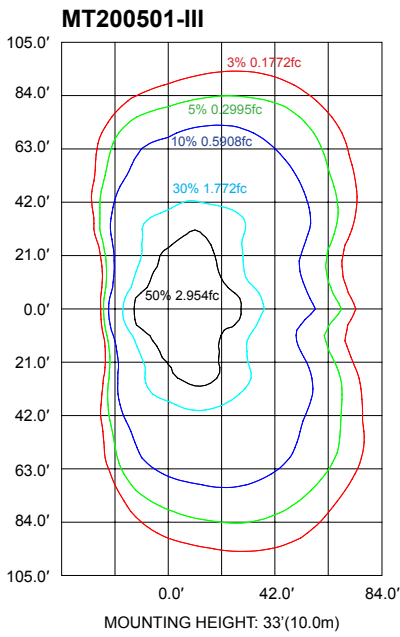
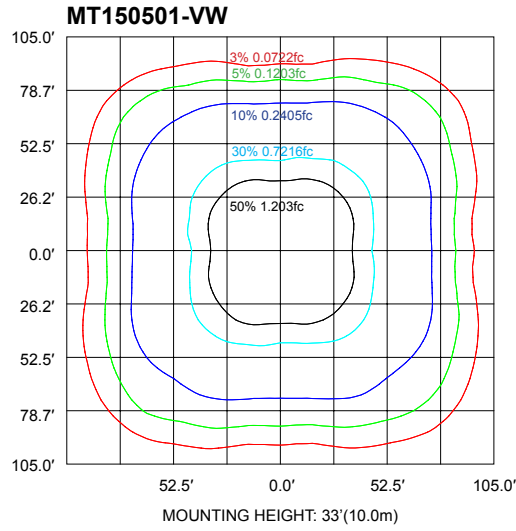
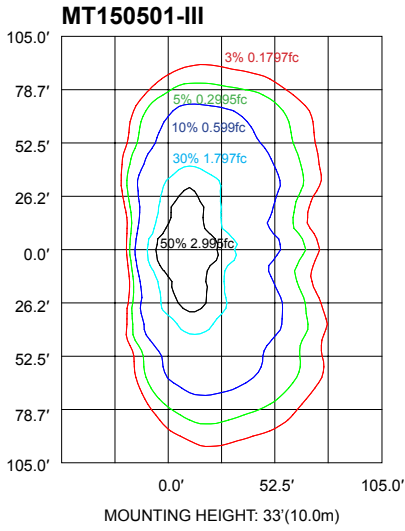
Note: If for round pole mount, please order both 90062 and 90048.  
Side shield can be assembled on right or left side of fixture.

■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1





**Notes:**

1. Twistlock photocell is IP65
2. DCL Premium is only for 100W 5000K in all distributions and 150W 5000K in type V. The others are DLC standard. DLC is not available for 3000K





■ **FEATURES**

1. 40W to 80W
2. Low EPA 0.53 Sq.Ft.
3. Tempered Glass Lens
4. Full Lighting Distributions

■ **Performance**

Input Watts (LM-79 Reported)	40	60	77.9	85W
Input Voltage	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	5155	7200	8862	10285
Replaces (HPS)	70 -100W	100 -150W	150 -200W	150W
Lumen Per Watt	123	116	118	121
Color Accuracy (CRI)	>70	>70	>70	>70
Dist. Type	TypeIII	TypeIII	TypeIII	TypeIII
EPA	with Arm, EPA = 0.53 ft <sup>2</sup>	with Slipfitter, EPA = 0.55 ft <sup>2</sup>	with Trunnion, EPA = 0.47 ft <sup>2</sup>	with Wall Bracket, EPA = 0.324ft <sup>2</sup>
Working Temperature	-40-122°F (-40-50°C)	-40-122°F (-40-50°C)	-40-122°F (-40-50°C)	-40-122°F (-40-50°C)
IP Rating	IP66 rated	IP66 rated	IP66 rated	IP66 rated

■ **Installation**



**Arm Mount**



**Trunnion Mount**



**Slipfitter Mount**



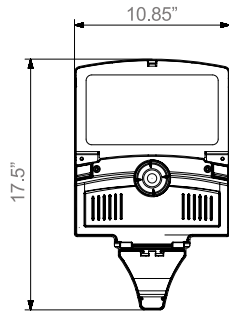
**Wall Mount**

<b>Approximate Net Weight</b>	10 lbs
<b>Dimension W/O Mounting Brackets (L*W*H):</b>	13.20"*10.85"*3.20"
<b>Effective Project Area (EPA)</b>	-with Arm, EPA = 0.53 ft <sup>2</sup>
	-with Slipfitter, EPA = 0.55 ft <sup>2</sup>
	-with Trunnion, EPA = 0.47 ft <sup>2</sup>
	-with Wall Bracket, EPA=0.324ft <sup>2</sup>

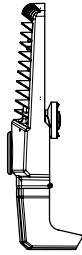


## ■ Dimensions & Weight

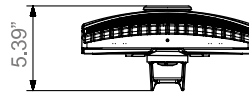
### Arm Mount



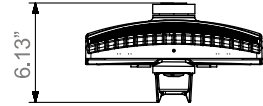
FACE VIEW



SIDE VIEW

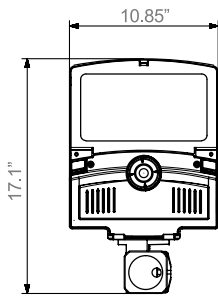


FRONT VIEW

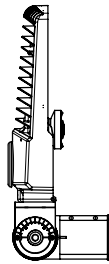


FRONT VIEW  
WITH RECEPTACLE

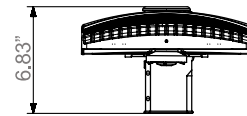
### Slipfitter Mount



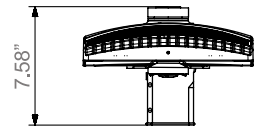
FACE VIEW



SIDE VIEW

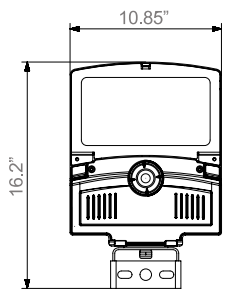


FRONT VIEW

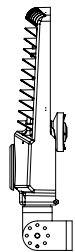


FRONT VIEW  
WITH RECEPTACLE

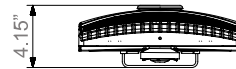
### Trunnion Mount



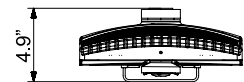
FACE VIEW



SIDE VIEW

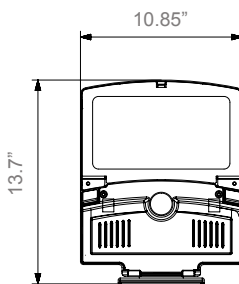


FRONT VIEW

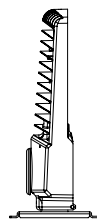


FRONT VIEW  
WITH RECEPTACLE

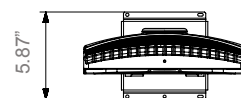
### Wall Mount



FACE VIEW



SIDE VIEW



FRONT VIEW

■ Ordering Information

Example: SMT40401-7P-SAR-T2

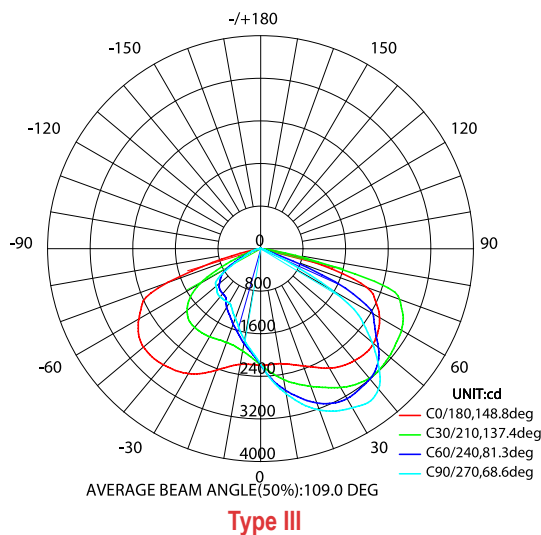
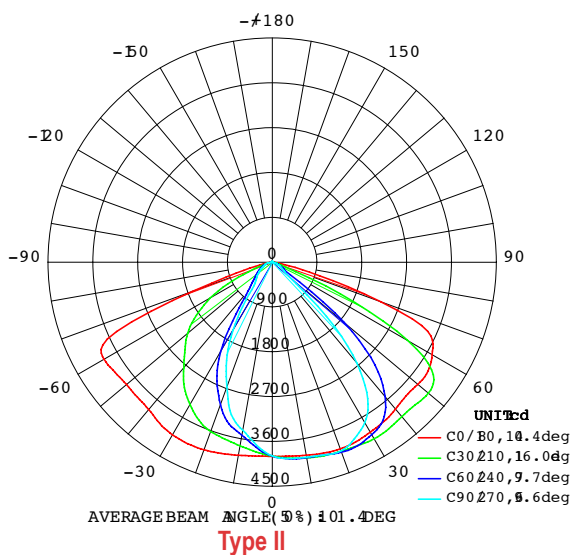
SMT	Watts	CCT	Voltage	Control	Installation	Distribution	Finish
SMT	40 - 40W	30 - 3000K	1 - 120-277V	Blank - None	SAR - Square	T2 -Type II	Blank - Dark
	60 - 60W	40 - 4000K	2 - 347V <sup>1</sup>	MS-L3B - Motion	Pole Arm	T3 - Type III	Bronze
	80 - 80W	50 - 5000K	3 - 480V <sup>2</sup>	Sensor with Black	RAR - Round	T4 - Type IV	AL -
	85 - 85W		6 - 347/480 <sup>3</sup>	L3 Lens <sup>4</sup>	Pole Arm	T5 - Type V	Aluminum
				PC - Photoelectric	TR - Trunnion		Silver
				Control	SF - Slip Fitter <sup>6</sup>		
				7P - 7 Pin PE	WM - Wall Mount		
				Receptacle <sup>5</sup>			

Notes:

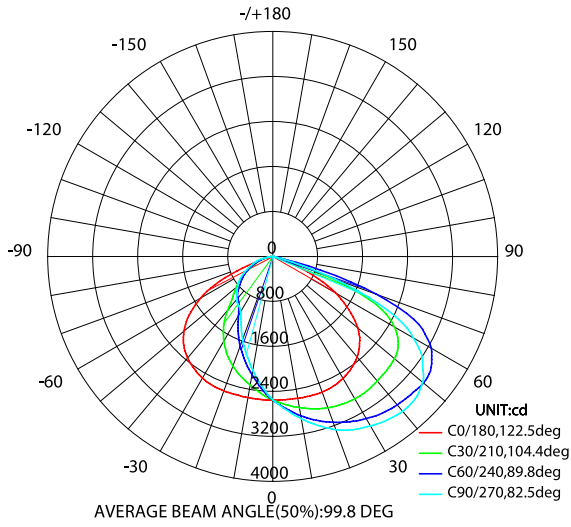
- 347V is only used with photoelectric control .
- 480V is only used with photoelectric control.
- If choose 347/480V, please do not choose photoelectric control.
- The standard MS L3 lens is suitable for the mounting height of 20ft (6m) Max. If higher than 20ft (6m), please contact Customer Service to choose L7 lens. Motion sensor is NOT available for 40W with 347/480V.
- Shorting cap included..
- The slip fitter fits a 2 3/8" O.D. tenon or pole.

■ Photometry

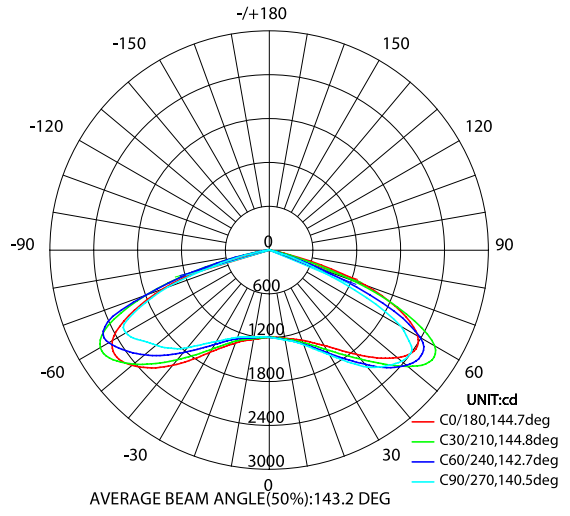
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



# SMT LED Area Light



**Type IV**



**Type V**

**Note:** Please visit our website for more details.







## ■ FEATURES

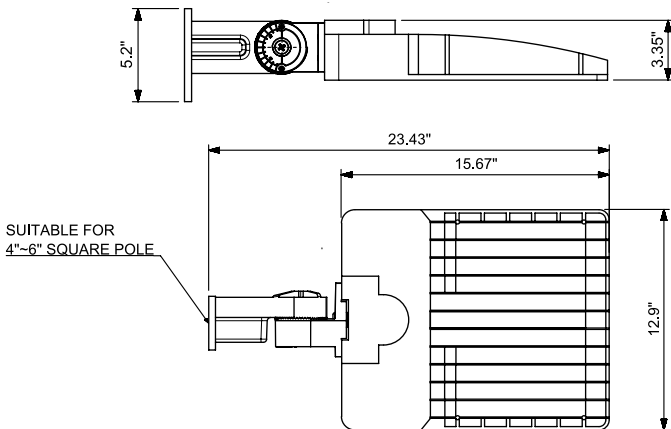
1. IES distribution Types II, III & V
2. Slip Fitter, trunnion, arm mount
3. PHOTOCCELL, SENSOR, 7pin receptacle
4. 10kA surge protection include

## ■ Performance

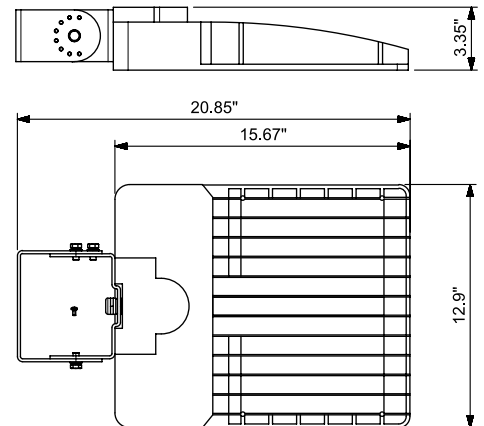
Input Watts (LM-79 Reported)	100	150	300
Input Voltage	120-277	120-277	120-277
Output Lumens (@5000K)	12,860	19,500	40,600
Replaces (HPS)	150-175W	250-400W	750-1000W
Lumen Per Watt	137	130	131
Color Accuracy (CRI)	>70	>70	>70
Dist. Type	TypeV	TypeV	TypeV
EPA	with square pole arm 0.74 ft <sup>2</sup>	with square pole arm 0.74 ft <sup>2</sup>	with square pole arm, 1.05 ft <sup>2</sup>
Working Temperature	-40-104°F (-40-40°C)	--40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated	IP65 rated

## ■ Dimensions & Weight

### 100W/150W Slip Fitter (SF)

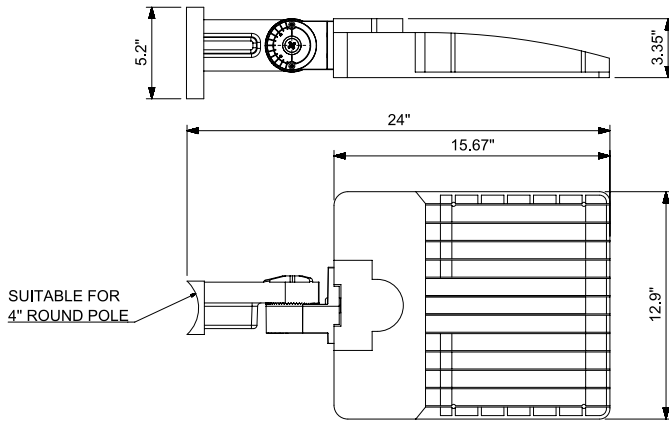


### 100W/150W Trunnion (TR)

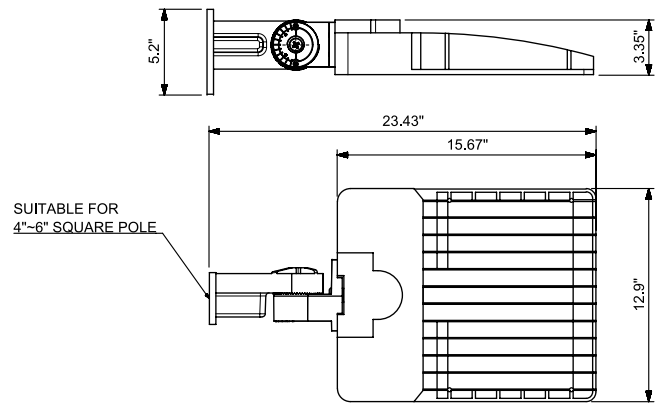




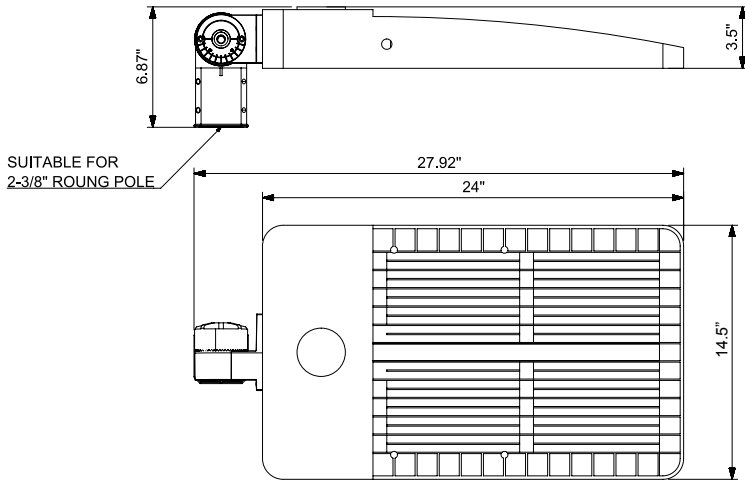
**100W/150W Round Pole Arm (RAR)**



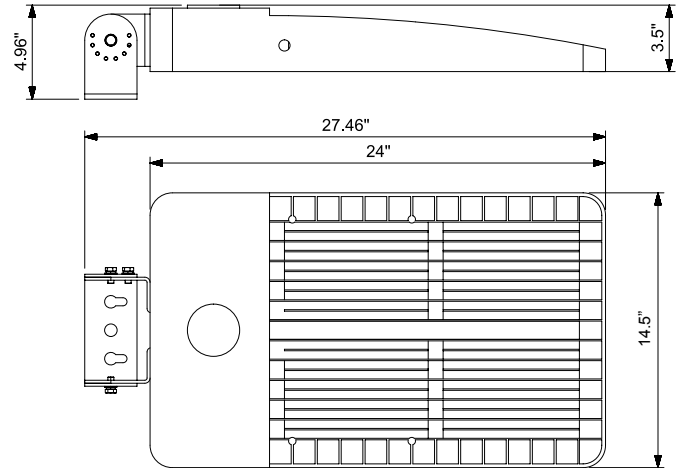
**100W/150W Square Pole Arm (SAR)**



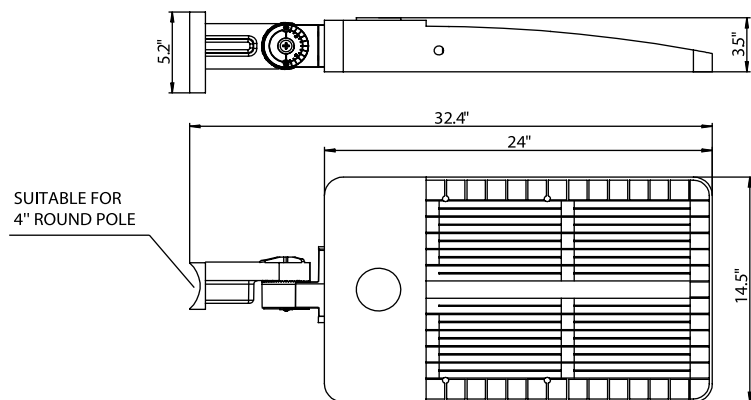
**300W Slip Fitter (SF)**



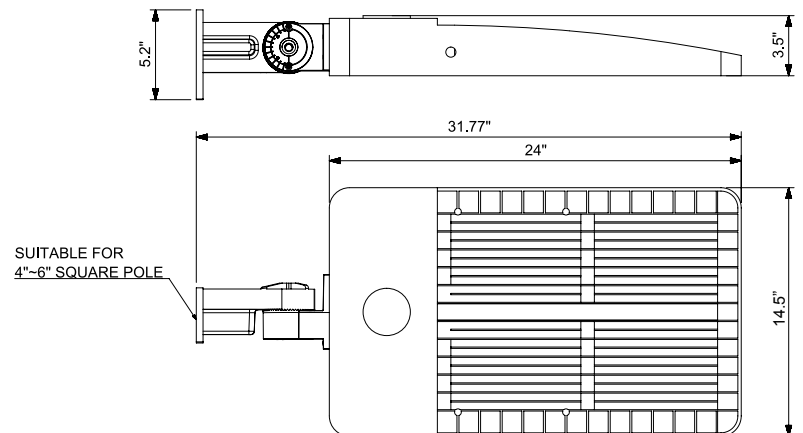
**300W Trunnion (TR)**



**300W Round Pole Arm (RAR)**



**300W Square Pole Arm (SAR)**



## Ordering Information

Example: SL300501-II

Sky Light	Watts	CCT	Voltage	Controls	Distribution	Finish
SL	100 - 100 Watts	30 - 3000K	1 - 120-277V	Blank - None	II - Type II	Blank - Dark
	150 - 150 Watts	40 - 4000K	2 - 347V <sup>2</sup>	PC - Photoelectric Control	III - Type III	Bronze
	300 - 300Watts	50 - 5000K	3 - 480V <sup>3</sup>	7P - 7 Pin PE Receptacle	V - Type V	AL - Aluminum
			6 - 347V/480V <sup>4</sup>	MS-L7B - Motion Sensor with Black L7 Lens <sup>1</sup>		Silver
				MS-L7W - Motion Sensor with White L7 Lens <sup>1</sup>		

Note:

- Motion sensor is only for 120-277V. No inventory for products with Motion sensor. If need products with Motion sensor please check lead time with Customer Service in advance.
- 347V is only used with photoelectric control .
- 480V is only used with photoelectric control.
- If choose 347/480V, please do not choose photoelectric control

\* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

## Accessories Information (Order Separately)



**SL-SAR**  
Sky light Square pole Arm



**SL-RAR**  
Sky light Round pole Arm



**SL-SF**  
Sky light Slip Fitter

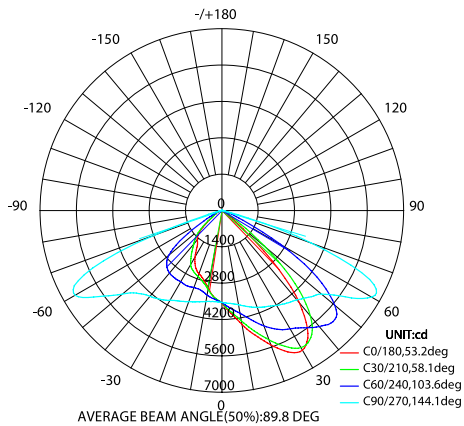


**SL-TR**  
Sky light Trunnion

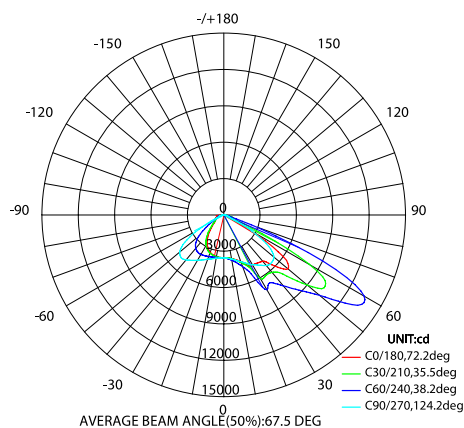
## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

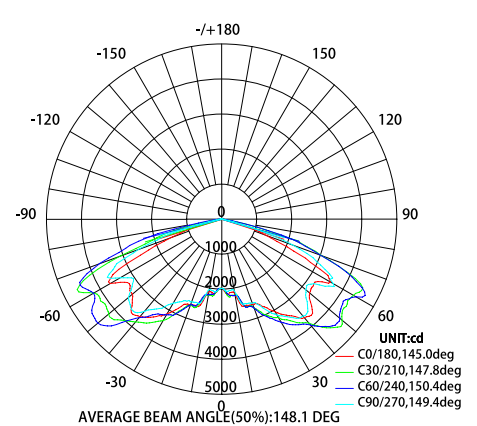
### Type II



### Type III



### Type V





■ **FEATURES**

1. Dome, flat and peak tops for option
2. High quality extrusion aluminum body
3. Stainless steel silicone rubber sealing
4. IP 66 rated for wet location

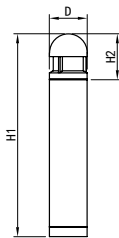
■ **Performance**

Input Watts (LM-79 Reported)	24
Input Voltage	120-277
Output Lumens (@4000K)	2500
Replaces (MH)	70-100W
Lumen Per Watt	104
Color Accuracy (CRI)	>70
Working Temperature	-40-104°F (-40-40°C)
IP Rating	IP65 rated

■ **Dimensions & Weight**

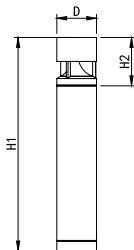
**Dome Top**

D: 7.90"  
H1: 42.10"  
H2: 9.53"  
Max Weight: 18.3lbs



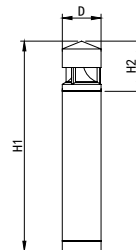
**Flat Top**

D: 7.90"  
H1: 42.10"  
H2: 9.53"  
Max Weight: 18.3lbs



**Peak Top**

D: 7.90"  
H1: 42.10"  
H2: 10.08"  
Max Weight: 18.3lbs



## Ordering Information

Example: DB24401-V

Top	Watts	CCT	Voltage	Controls	Distribution	Lens	Finish
DB = Dome Top Bollard <sup>1</sup>	24 - 24W	30 - 3000K <sup>2</sup>	1 - 120-277V	Blank - None	V - Type V	Blank - PC clear lens	Blank - Dark Bronze
FB = Flat Top Bollard		40 - 4000K					
PB = Peak Top Bollard		50 - 5000K					

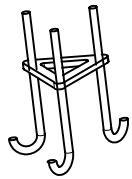
Note:

1. DLC is only available for Dome Top.

2. DLC is not available for 3000K.

Standard Finish is dark bronze. Other finish color is available - Please Ask Customer Service for Details.

## Accessories Information (Order Separately)



90245

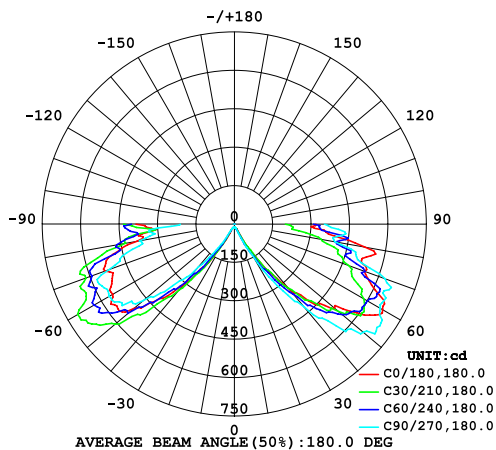
ABMK01

Anchor bolt (M10) mounting kits for standard bollard

## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

### Type V





### ■ FEATURES

1. 6% Up-light to reduce cave effect
2. NSF approved for splash and Non-food Zones
3. IP66 rated for wet location

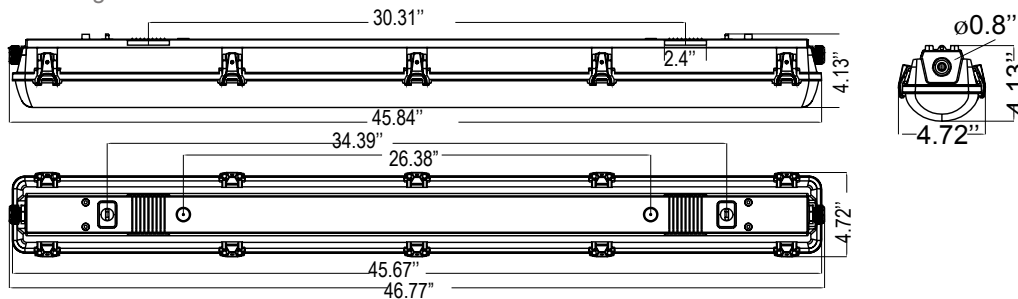
### ■ Performance

Input Watts (LM-79 Reported)	40	100
Input Voltage	120-277	120-277
Output Lumens (@5000K)	5200	13300
Replaces (FL)	2 Lamp - 32W T8	4 Lamp - 32W T8
Lumen Per Watt	130	133
Color Accuracy (CRI)	80	80
Working Temperature	-4-95 F (-20-35 °C)	-4-95 F (-20-35 °C)
IP Rating	IP66 rated	IP66 rated

### ■ Dimensions & Weight

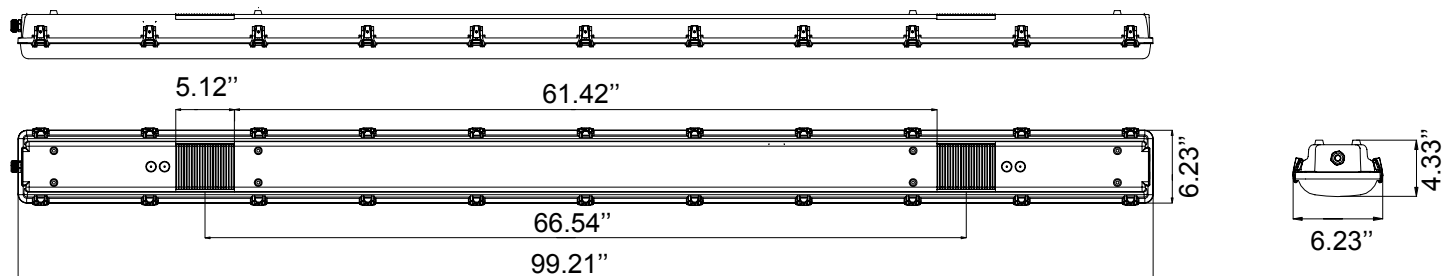
#### 4FT

Net Weight: 5.3lbs



#### 8FT

Net Weight: 16.5lbs





## Ordering Information

Example: VP12D40501

Vapor Tight	Dimension	Dimmable	Watts	CCT	Voltage	Lens	Controls
VP	12 - 4FT <sup>1</sup>	D - 0-10V	40 - 40 Watts	30 - 3000K	1 - 120-277V	Blank - Frosted	Blank - None
	24 - 8FT	Dimmable	100 - 100 Watts	40 - 4000K 50 - 5000K	2 - 347V <sup>3</sup>	Lens <sup>2</sup> C - Clear Lens	

Note:

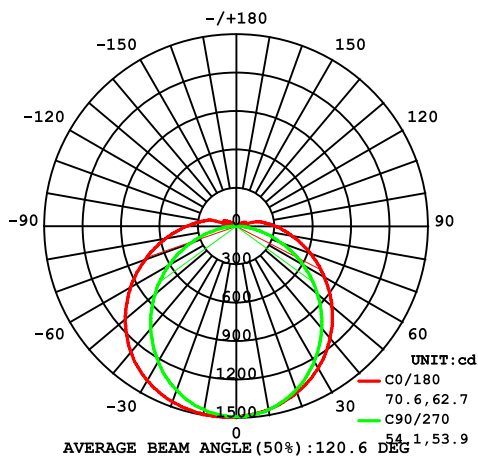
1. Stock is only for 4ft. Please contact Customer Service for lead time of 8ft luminaire.
2. Frosted lens is standard. Clear lens is optional.
3. 347V is only available for 4ft.

\*Special Order- Ask Customer Service for Details

## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

### 40W 4FT



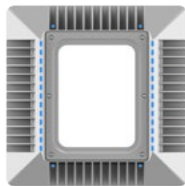


■ **FEATURES**

1. Tempered Glass Lens
2. Slim Low Profile Design
3. Top 5 LED Chip & LED Driver
4. Patented Air Cooling Design Weep Holes
5. Surface Or Pendant Mountings Optional



Slim design less than 2"



Patented air cooling design weep holes: solving the problems of water on the back of the fixture and better heat dissipation



Surface/ pendant mount

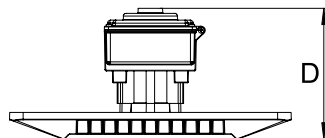
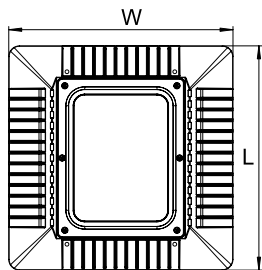


Separated driver box :  
A better thermal design

■ **Performance**

Input Watts (LM-79 Reported)	64	95	120
Input Voltage	120-277	120-277	120-277
Output Lumens (@5000K)	9403	13677	17780
Replaces (MH)	250W	400W	400-600W
Lumen Per Watt	147	143	148
Color Accuracy (CRI)	>80	>80	>80
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated	IP65 rated

■ **Dimensions & Weight**



**Including Driver**

Depth: 7.68"  
Width: 16.38"  
Length: 18.98"

**Excluding driver**

Depth: 1.58"  
Width: 16.38"  
Length: 18.98"

Max. Weight: 13.5lbs

# DLC P Glass Lens PAD Canopy Light

## Ordering Information Example: PDG120501

PAD Design	Watts	CCT	Voltage
PDG	65 - 65 Watts	30 - 3000K <sup>1</sup>	1 - 120-277 V
	100 - 100 Watts	40 - 4000K	6 - 347/480V
	120 - 120 Watts	45 - 4500K	
		50 - 5000K	

Notice:

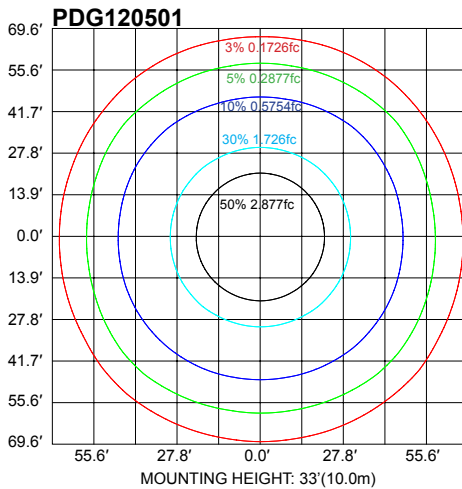
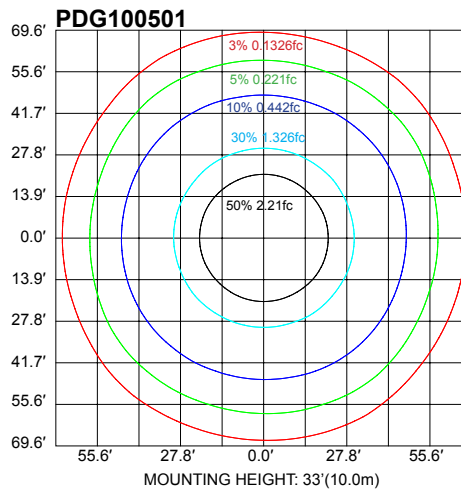
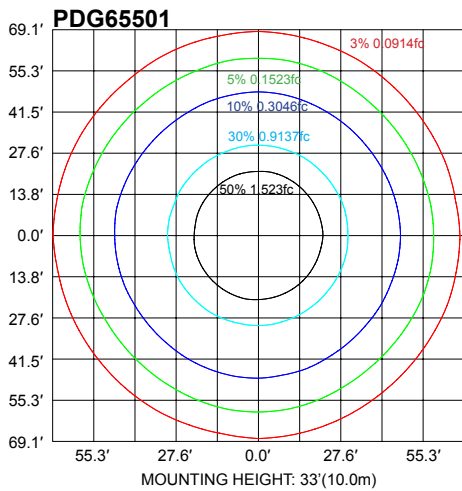
1. 3000K DLC Premium is unavailable

\* Standard Finish as White. Special Order as other finish color - Please Ask Customer Service for Details.

## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.





■ **FEATURES**

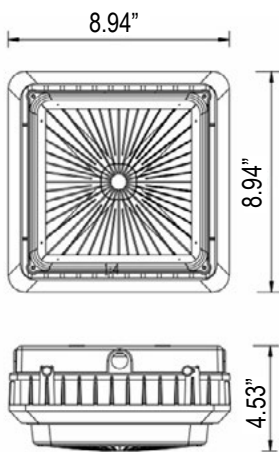
1. Microwave Dimming Sensor available
2. With junction box, easy to install
3. Light is soft and uniform, safe to eyes

■ **Performance**

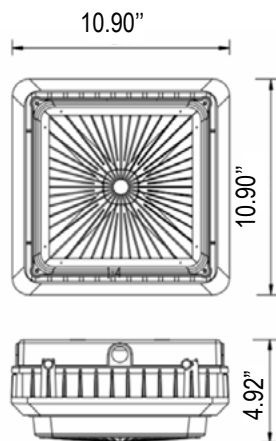
Input Watts (LM-79 Reported)	40	55	75	100
Input Voltage	120-277	120-277	120-277	120-277
Output Lumens	5200	7200	9800	13100
Replaces (MH)	150W	175W	250W	400W
Lumen Per Watt	130	131	131	131
Color Accuracy (CRI)	>80	>80	>80	>80
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated	IP65 rated	IP65 rated

■ **Dimensions & Weight**

**40W/55W**



**75W/100W**



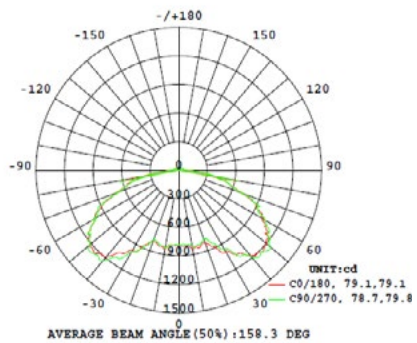
# J-BOX LED CANOPY

## Ordering Information Example: JBCAN40501

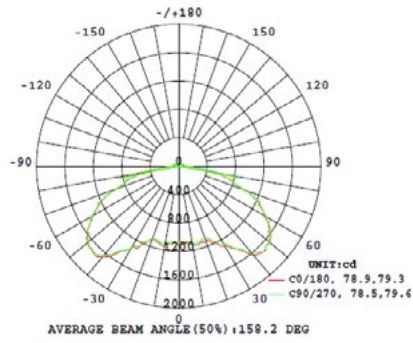
Series	Watts	CCT	Voltage	Controls	Lens	Finish
JBCAN	40-40W	40 - 4000K	1 - 120-277V	Blank - None	Blank - Stripe PC Lens	Blank - White
	55-55W	50 - 5000K		MSW - Microwave		
	75-75W			Dimming Sensor		
	100-100W					

## Photometry

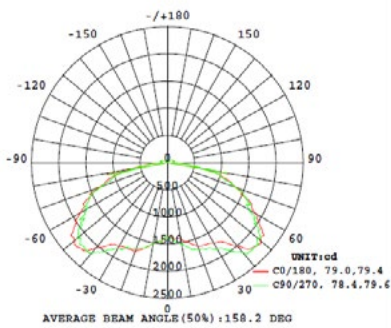
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



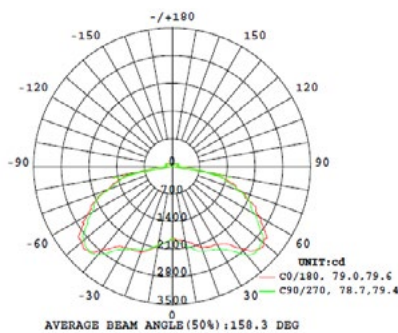
**40W**



**55W**



**75W**



**100W**

**Note:** Please visit our website for more details.







■ **FEATURES**

1. Impact Resistant Prismatic Lens
2. Superior Low-glare Illumination
3. Top 5 LED Chip & LED Driver
4. Patented Air Cooling Design
5. Surface Or Pendant Mountings
6. EBU Backup Available

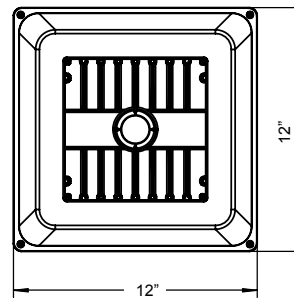
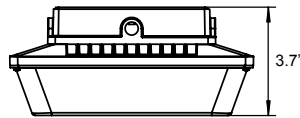
■ **Performance**

Input Watts (LM-79 Reported)	35	68
Input Voltage	120-277	120-277
Output Lumens (@5000K)	4528	9214
Replaces (MH)	175W	320W
Lumen Per Watt	130	136
Color Accuracy (CRI)	>80	>80
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated

■ **Dimensions & Weight**

Dimension(L-W-H): 12"-12"-3.7"

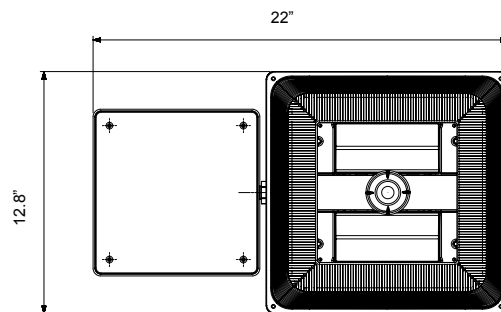
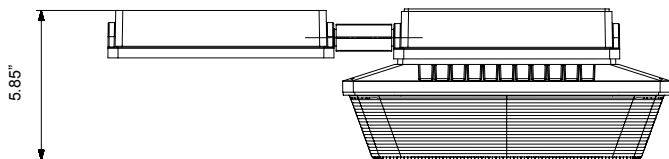
Max. Weight: 13.5 lbs



With EBU

Dimension(L-W-H): 22"-12.8"-5.85"

Max. Weight: 17.3 lbs



## Ordering Information

Example: LSPKG35501P-MS-L2B

Name	Watts	CCT	Voltage	Series	Controls	MS LENS
LSPKG	35 - 35 Watts	30 - 3000K	1 - 120-277V	P - DLC Premium	MS - Multi-level Motion Sensor <sup>5</sup>	L2B - L2 Lens Black <sup>2</sup>
	65 - 70 Watts	40 - 4000K	6 - 347/480V <sup>4</sup>		EBU8 - Emergency Battery Backup <sup>1</sup>	L7B - L7 Lens Black <sup>3</sup>
		50 - 5000K			EBU6 - Emergency Battery Backup <sup>6</sup>	

Notice:

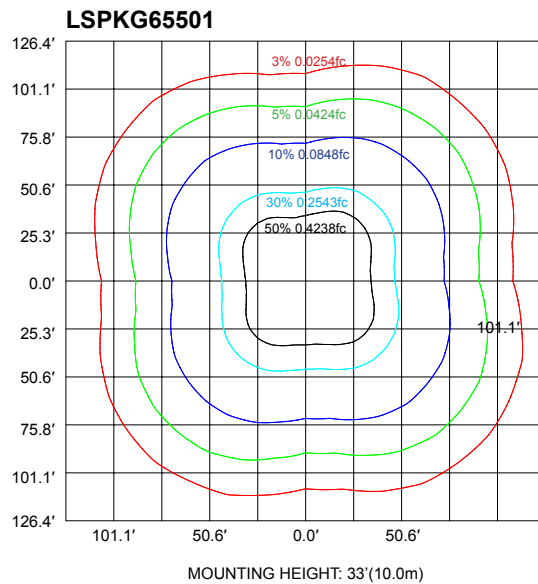
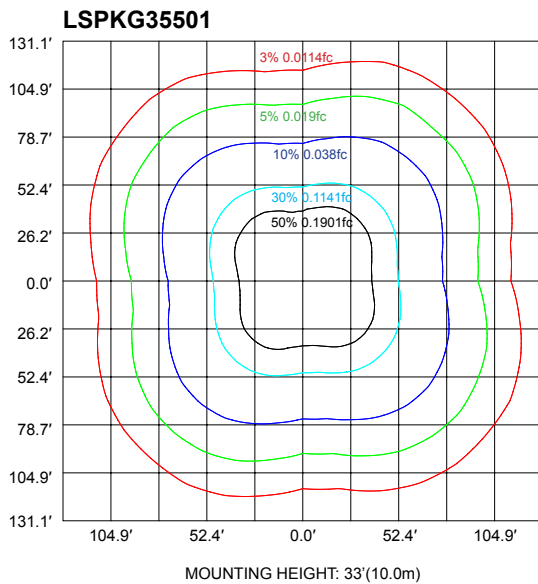
- EBU8 is for 70W. In the event of a power failure, the battery backup units switch to emergency mode (about 1050 lumen output) and operates the fixture for a minimum of 90 minutes.
- Default setting for 35W.
- Default setting for 70W.
- Only 70W is available in 347/480V
- Motion Sensor is not available for 347/480V
- EBU6 is for 35W. In the event of a power failure, the battery backup units switch to emergency mode (about 780 lumen output) and operates the fixture for a minimum of 90 minutes.

\* Standard finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.





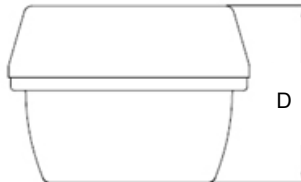
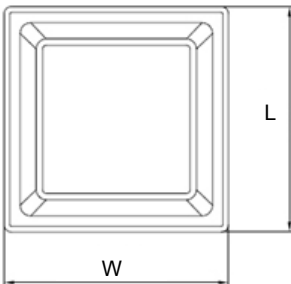
■ **FEATURES**

1. Top 5 LED Chip & LED Driver
2. PC Lens Provides An Even Light Distribution

■ **Performance**

Input Watts (LM-79 Reported)	37	49	65
Input Voltage	120-277	120-277	120-277
Output Lumens (@5000K)	3590	4732	6160
Replaces (MH)	150W	250W	350W
Lumen Per Watt	98	97	95
Color Accuracy (CRI)	>70	>70	>70
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated	IP65 rated

■ **Dimensions & Weight**



Depth: 9.06"  
 Width: 12.4"  
 Length: 12.4"  
 Max. Weight: 7.7 lbs

■ **Ordering Information**

Example: ABPKG40LED50-PC12/ ABBPKG70501-PC12

ABOVE ALL	Parking Garage	Watts	Source Type	CCT	Controls
AB	PKG	40 - 38 Watts	LED	30 - 3000K	PC12 - Photo control 120V
				40 - 4000K	PC27 - Photo control 277V
				50 - 5000K <sup>1</sup>	Leave blank for no controls

ABOVE ALL	Parking Garage	Watts	CCT	Voltage	Controls
ABB	PKG	55 - 52 Watts	30 - 3000K	1 - 120-277 V	PC12 - Photo control 120V
		70 - 70 Watts	40 - 4000K		PC27 - Photo control 277V
			50 - 5000K <sup>1</sup>		Leave blank for no controls

Notice:

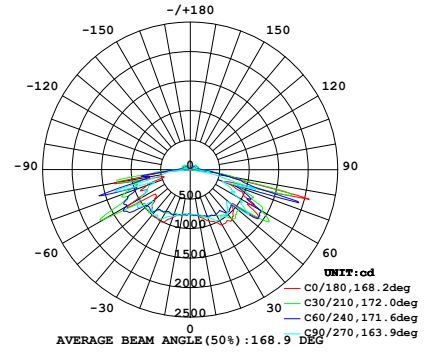
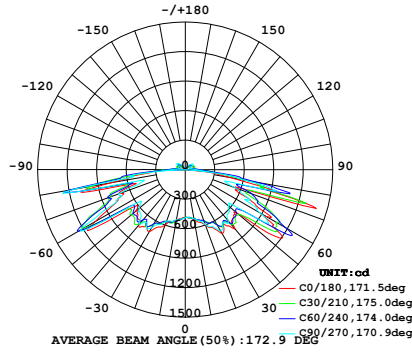
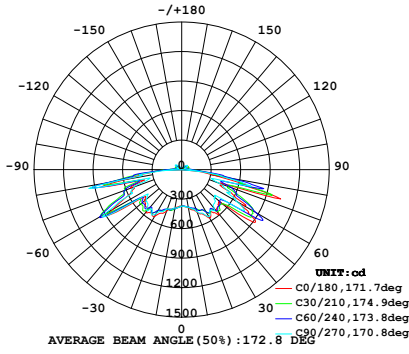
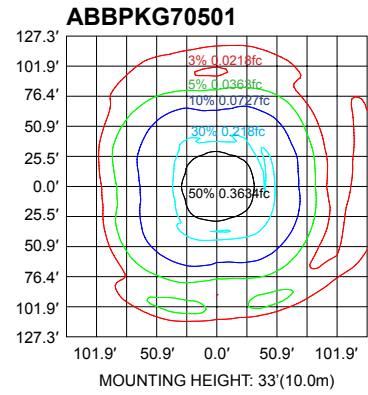
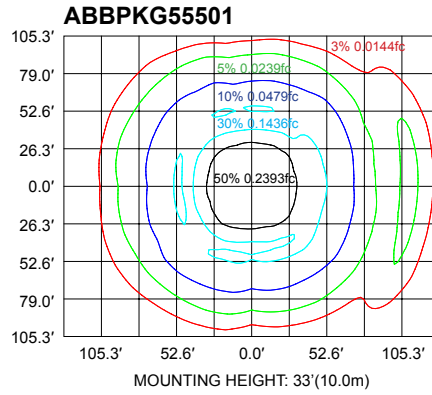
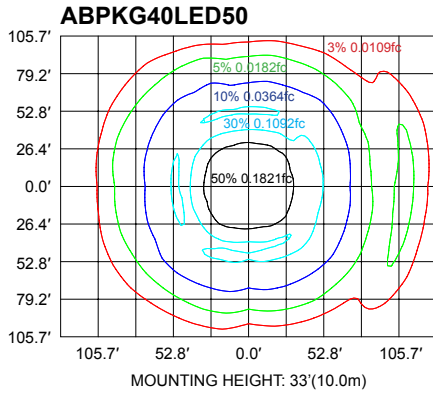
1. Only 5000K is qualified with DLC.

\* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

## ■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.





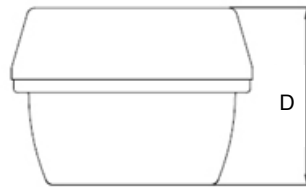
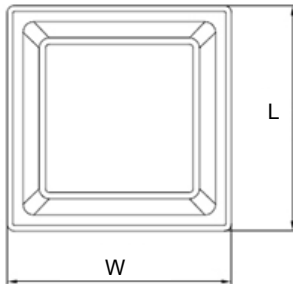
■ **FEATURES**

1. High-quality lens
2. Energy savings
3. Indoor or outdoor use
4. Uniform color consistency
5. Self-contained LED driver

■ **Performance**

Input Watts (LM-79 Reported)	21	35	49	66
Input Voltage	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	2732	4092	4849	6302
Replaces (MH)	100W	150W	175W	250W
Lumen Per Watt	129	118	99	96
Color Accuracy (CRI)	>70	>70	>70	>70
Working Temperature	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)	-40-104°F (-40-40°C)
IP Rating	IP65 rated	IP65 rated	IP65 rated	IP65 rated

■ **Dimensions & Weight**



**20W**

Depth: 8.85"  
Width: 8.85"  
Length: 7.28"  
Max. Weight: 3.8 lbs

**38W, 52W, 70W**

Depth: 9.06"  
Width: 12.4"  
Length: 12.4"  
Max. Weight: 8.6 lbs

■ **Ordering Information**

Example: ABBCAN40501

ABOVE ALL	CANOPY	Watts	CCT	Voltage
<b>ABB</b>	<b>CAN</b>	<b>20</b> - 20 Watts <sup>1</sup>	<b>30</b> - 3000K <sup>2</sup>	<b>1</b> - 120-277 V
		<b>40</b> - 38 Watts	<b>40</b> - 4000K <sup>3</sup>	
		<b>55</b> - 52 Watts	<b>50</b> - 5000K <sup>4</sup>	
		<b>70</b> - 70 Watts		

Notice:

1. 20 watts version is non-dimmable.
2. Only 20W 3000K qualified with DLC Premium.
3. Only 20W and 38W 4000K is qualified with DLC Premium.
4. 20W 5000K is DLC Premium listed. 38W, 52W and 70W are DLC standard listed.

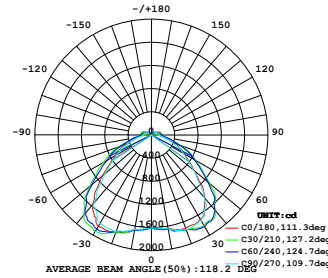
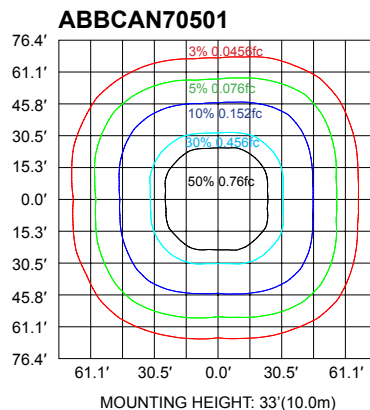
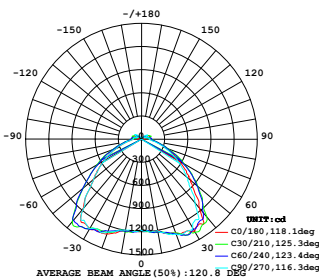
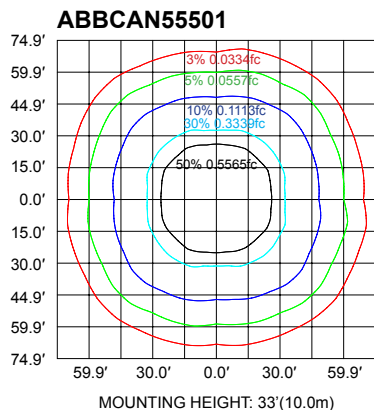
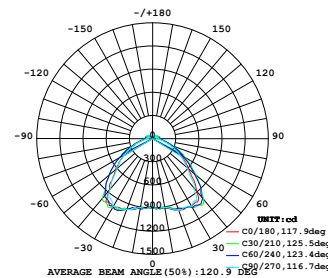
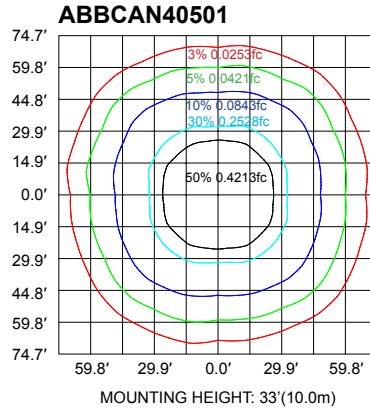
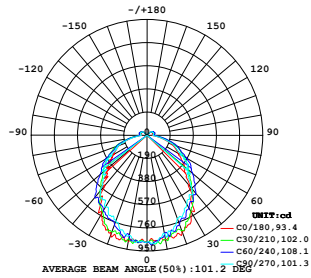
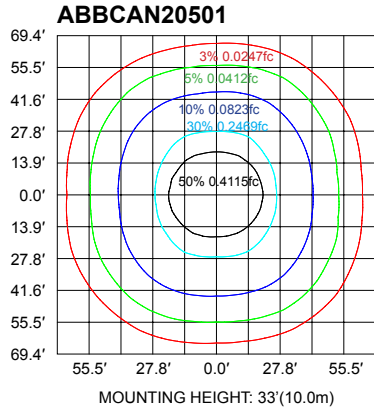
\* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.



## ■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.











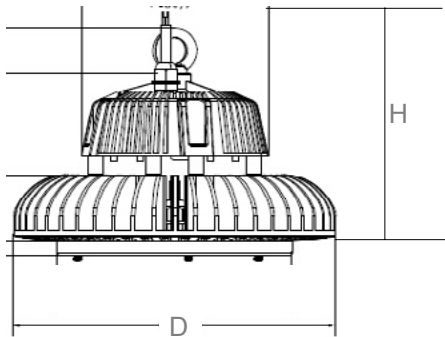
■ **FEATURES**

1. Tempered Glass Lens
2. 347/480V available
3. Replaces up to 750W HID
4. In Beaming Angle of 60°/90°/120°

■ **Performance**

Input Watts	100	150	200	240
Input Voltage	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	12500	18750	25000	30000
Replaces (MH)	400W	600W	800W	1000W
Lumen Per Watt	125	125	125	125
Color Accuracy (CRI)	>80	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP65 rated	IP65 rated	IP65 rated	IP65 rated

■ **Dimensions & Weight**



**100W & 150W**

Φ10.23"X7.08"

(Φ260\*183mm)

Max. Weight: 11.24 lbs

**200W**

Φ11.48"X8.19"

(Φ290\*208mm)

Max. Weight: 12.79 lbs

**240W**

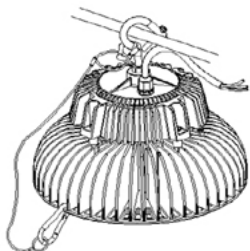
Φ11.48"X8.58"

(Φ290\*218mm)

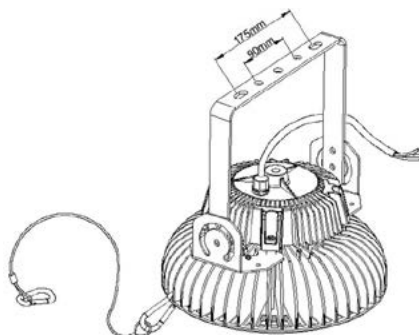
Max. Weight: 14.11 lbs

■ **Installation**

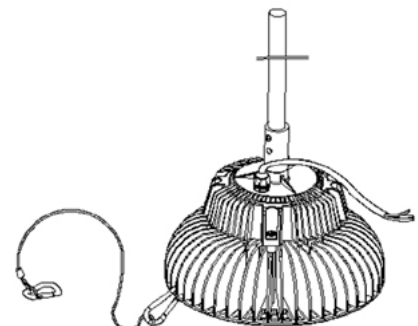
**1. CEILING WITH HOOK**



**2. WALL MOUNTING**



**3. PENDANT MOUNTING**





## ■ Accessories Information (Order Separately)



**AB-AL-60D**

60 degree aluminium reflector



**AB-PC-70D**

70 degree PC reflector



**AB-AL-90D**

90 degree aluminium reflector



**AB-PC-DGS**

PC Drop glare shield



**AB-PC-CGS**

PC Clear conical glare shield



**AB-AL-GS**

Glare shield

## ■ Ordering Information

Example: URHB100LED501

UFO Round High Bay	Watts	Source type	CCT	Voltage	Controls	Installation	Distribution	Options
URHB	100 - 100	LED	30 - 3000K	1 - 120-277VAC	Blank - No	Blank-Hook	Blank-120° <sup>3</sup>	Blank - None
	Watts		40 - 4000K	6 - 347/480V	Controls	with Safety	Shipped	PCL-Polycarbonate Clear Lens
	150 - 150		50 - 5000K		MSW -	Chain	Separately <sup>4</sup>	PFL-Polycarbonate Frosted lens
	Watts				Microwave Motion	TR - Trunnion	60 - 60°	Shipped Separately <sup>4</sup>
	200 - 200				Sensor <sup>2</sup>	P - Pendent <sup>5</sup>	70 - 70°	GS - Glare Shield
	Watts						90 - 90°	CGS - Clear Conical Glare Shield
	240 - 240							DGS - Drop Glare Shield
	Watts							WGAL-Wire Guard <sup>6</sup>

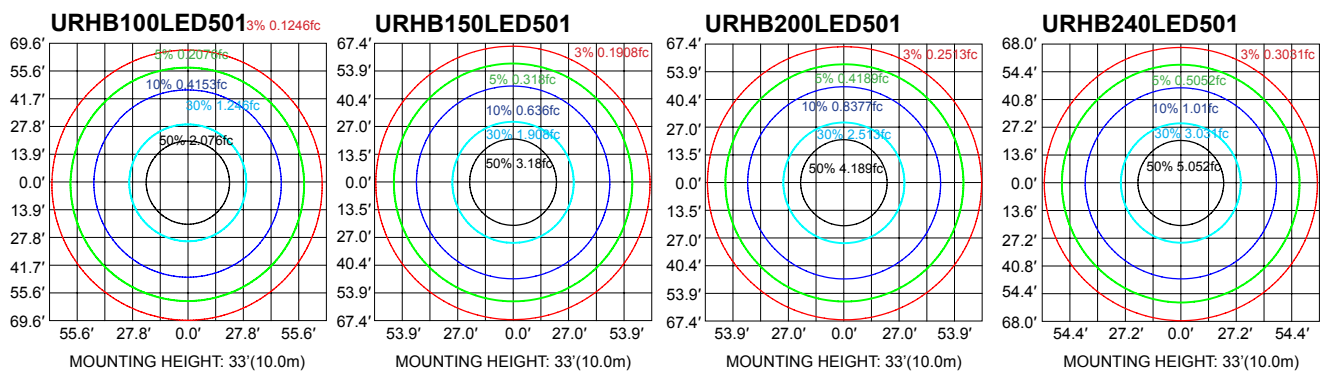
Notice:

1. DLC Listed only with 4000K and 5000K at present.
2. The motion sensor solution is only for 120-277V.
3. Standard distribution is 120° without any reflector. If for 60°/70°/90° need to match with different reflectors. For details please kindly check the accessories table.
4. Also available as accessories. For details please kindly check the accessories table.
5. 3/4" pendent mount adaptor.
6. It is suitable for 60 degree and 90 degree aluminum reflectors.

## ■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



Note: Please visit our website for more details.







■ **FEATURES**

1. Up to 65,000lm to replace the 1500W MH or HID lamp
2. Maximum 122°C (50°C) high ambient
3. 60 and 90 degree reflector for option
4. 347/480V available
5. IP 65 for wet location

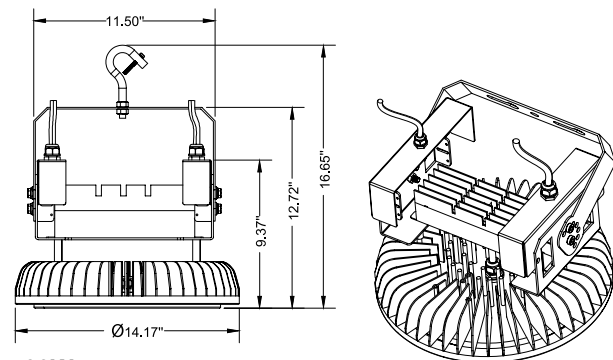
■ **Performance**

Input Watts	300	400	500
Input Voltage	120-277	120-277	120-277
Output Lumens (@5000K)	39000	52000	65000
Replaces (MH)	800W	1000W	1500W
Lumen Per Watt	130	130	130
Color Accuracy (CRI)	>80	>80	>80
Working Temperature	-22-122 F (-30-50 °C)	-22-122 F (-30-50 °C)	-22-122 F (-30-50 °C)
IP Rating	IP65 rated	IP65 rated	IP65 rated

■ **Dimensions & Weight**

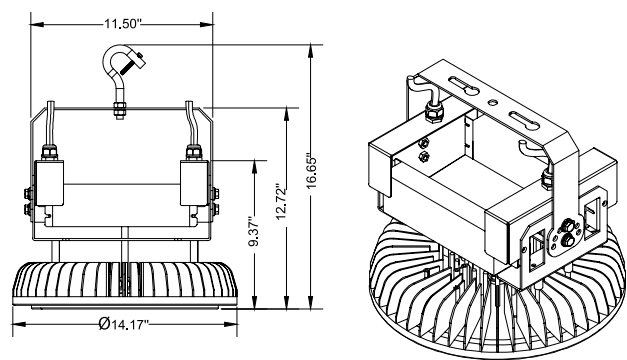
**300W**

Max. Weight: 15.00 lbs (6.80kg)



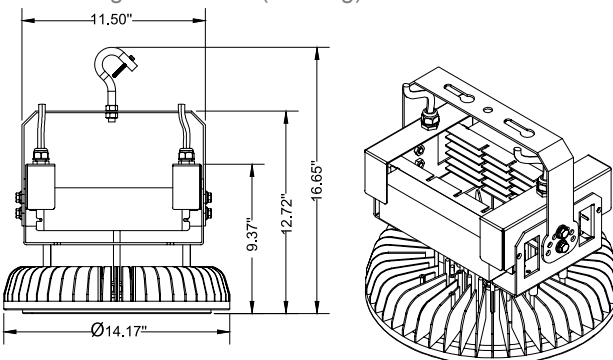
**400W**

Max. Weight: 22.93 lbs (10.40kg)



**500W**

Max. Weight: 23.37 lbs (10.60kg)



# High Power UFO LED High Bay

## Ordering Information Example: URHB300LED501

UFO Round High Bay	Watts	Source Type	CCT	Voltage	Controls	Installation	Distribution	Options	
URHB	300 -	LED	30 - 3000K	1 - 120-	Blank - No Controls	Blank - Hook	Blank-120° <sup>1</sup>	Blank - None	
	300 Watts		40 - 4000K	277VAC			Shipped		
	400 -		50 - 5000K	6 - 347/480V			Separately <sup>2</sup>		
	400 Watts						P - Pendant		60 - 60°
	500 -								90 - 90°
	500 Watts								

Notice:

- Standard distribution is 120° without any reflector. If for 60° and 90° need to match with reflector.
- Available as accessories.
- Trunnion mount is available only need to remove the hook.

## Accessories Information (Order Separately)



### URHB-AL90-L

90 degree aluminum reflector  
Suitable for high power UFO high bay 300W, 400W and 500W



### URHB-PC60-L

60 degree PC reflector Suitable for high power UFO high bay 300W, 400W and 500W

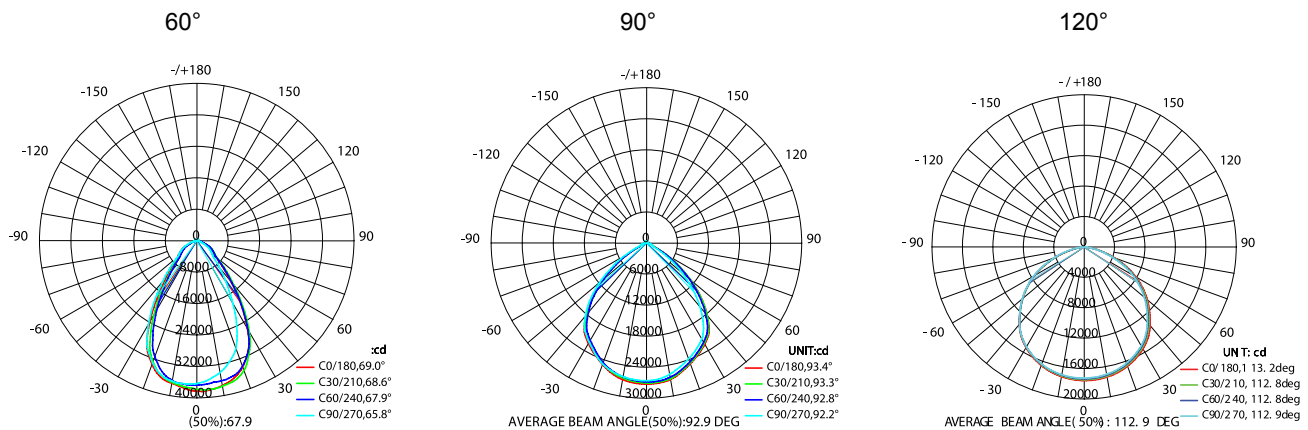


### UFO-P2

3/4" pendant mounting adapter

## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.





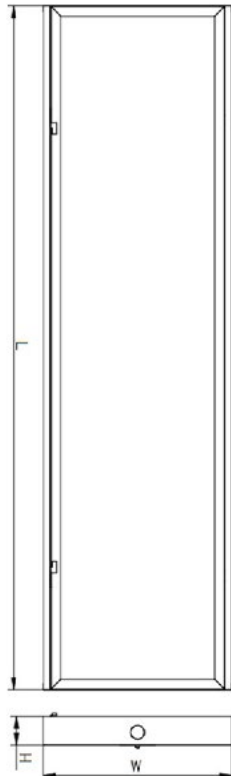
■ **FEATURES**

1. Top 5 LED Chip & LED Driver
2. EBU Backup Available
3. Reflector Providing 82 Degree Beam Angle

■ **Performance**

Input Watts (LM-79 Reported)	119	151	182
Input Voltage	120-277	120-277	120-277
Output Lumens (@5000K)	16489	20607	25290
Replaces (FL)	6 Lamp - 32W T8	4 Lamp - 54W T5	8 Lamp - 32W T8
Lumen Per Watt	138	136	139
Color Accuracy (CRI)	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated

■ **Dimensions & Weight**



**120W, 150W**

Length: 47.24"  
Width: 13.78"  
Height: 2"  
Max. Weight: 15.21 lbs

**185W**

Length: 47.24"  
Width: 19.7"  
Height: 2"  
Max. Weight: 20.01 lbs

■ **Application**



## Ordering Information

Example: LHB120501MSO-82

Linear High Bay	Watts	CCT	Voltage	Controls	Beam Angle
LHB	120 - 120 Watts	35 - 3500K	1 - 120-277 V	MS - Motion Sensor	82 - 82°
	150 - 150 Watts	40 - 4000K	6 - 347/480V	MSO - ON/OFF Motion Sensor	
	185 - 185 Watts	50 - 5000K		EBU - Emergency Battery Backup <sup>1</sup>	

Notice:

1. The working temperature of fixture with EBU is 32-104°F.

\* Standard Finish as White. Special Order as other finish color - Please Ask Customer Service for Details.

## Accessories Information (Order Separately)



**LHB-CLEAR-S** (For 120W&150W)  
**LHB-CLEAR-L** (For 185W)  
 Clear Lens including frame for Linear High Bay



**LHB 120V Plug and Cord**  
 120V molded plug and cord for LHB with pipe clamp for strain relief



**LHB-FROSTED-S** (For 120W&150W)  
**LHB-FROSTED-L** (For 185W)  
 Frosted Lens including frame for Linear High Bay



**LHB 277V Plug and Cord**  
 277V molded plug and cord for LHB with pipe clamp for strain relief

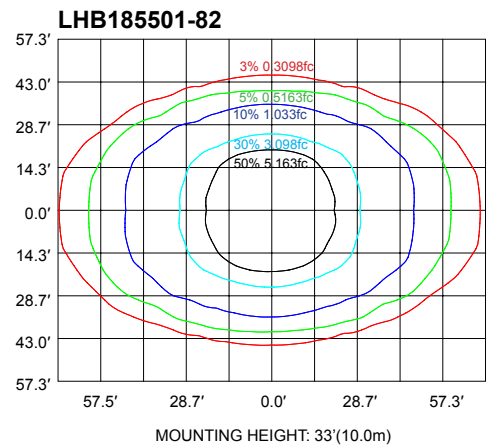
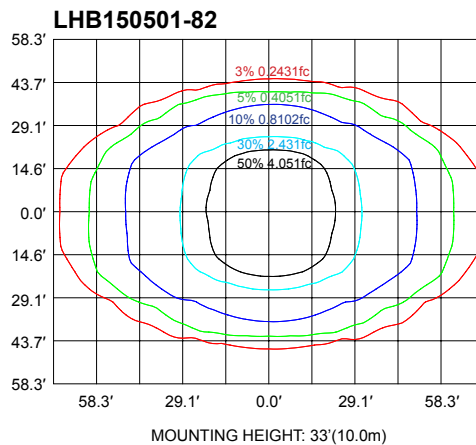
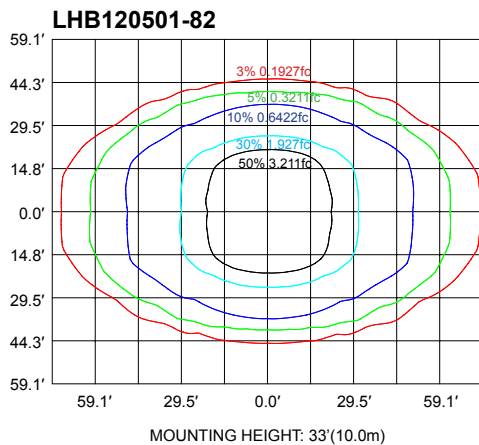


**LHB-WG-S** (For 120W&150W)  
**LHB-WG-L** (For 185W)  
 Wire Guard for Linear High Bay

## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

Mounting Height	10	12	15	18	20	25	33
Multiplier	10.9	7.6	4.9	3.4	2.8	1.8	1



**Note:** Please visit our website for more details.





■ **FEATURES**

1. Textured lens options minimizes high glare.
2. Achieves up to 149 °F (65 °C) ambient rating.
3. Performs at up to 180 lm/W
4. 10kV surge suppression protection optional.

■ **Performance**

Input Watts (LM-79 Reported)	65	95	135	175	220
Input Voltage	120-277	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	11400	17500	23600	31500	37800
Lumen Per Watt	175	175	175	180	138
Color Accuracy (CRI)	80	80	80	80	80
<b>Lens</b>	<b>None</b>	<b>None</b>	<b>None</b>	<b>None</b>	<b>None</b>
Length	2FT	2FT	2FT	2FT	2FT
Working Temperature	-4-149°F (-20-65°C)	-4-149°F (-20-65°C)	-4-149°F (-20-65°C)	-4-149°F (-20-65°C)	-4-140°F (-20-60°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated	IP20 Rated	IP20 Rated
Input Watts (LM-79 Reported)	220	270	350	420	
Input Voltage	120-277	120-277	120-277	120-277	
Output Lumens (@5000K)	37800	47300	63000	75600	
Lumen Per Watt	180	175	180	180	
Color Accuracy (CRI)	80	80	80	80	
<b>Lens</b>	<b>None</b>	<b>None</b>	<b>None</b>	<b>None</b>	
Length	4FT	4FT	4FT	4FT	
Working Temperature	-4-149°F (-20-65°C)	-4-149°F (-20-65°C)	-4-149°F (-20-65°C)	-4-149°F (-20-65°C)	
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated	IP20 Rated	

Lens	Lumen Multiplier
None	1
Clear Polycarbonate (PCL)	0.91
Acrylic Clear (ACL)	0.93
Polycarbonate Frosted (PFL)	0.88
Acrylic Frosted (AFL)	0.89



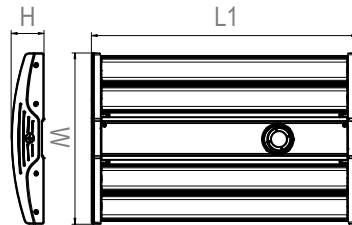
## ■ Performance

Input Watts (LM-79 Reported)	65	95	135	175	210
Input Voltage	120-277	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	10340	15900	21470	28700	34440
Lumen Per Watt	159	159	159	164	164
Color Accuracy (CRI)	80	80	80	80	80
<b>Lens</b>	<b>PCL</b>	<b>PCL</b>	<b>PCL</b>	<b>PCL</b>	<b>PCL</b>
Length	2FT	2FT	2FT	2FT	2FT
Working Temperature	-4-149°F (-20-65°C)	-4-149°F (-20-65°C)	-4-149°F (-20-65°C)	-4-149°F (-20-65°C)	-4-140°F (-20-60°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated	IP20 Rated	IP20 Rated
Input Watts (LM-79 Reported)	220	270	350	420	
Input Voltage	120-277	120-277	120-277	120-277	
Output Lumens (@5000K)	34440	42930	57400	68880	
Lumen Per Watt	164	159	164	164	
Color Accuracy (CRI)	80	80	80	80	
<b>Lens</b>	<b>PCL</b>	<b>PCL</b>	<b>PCL</b>	<b>PCL</b>	
Length	4FT	4FT	4FT	4FT	
Working Temperature	-4-149°F (-20-65°C)	-4-149°F (-20-65°C)	-4-149°F (-20-65°C)	-4-140°F (-20-60°C)	
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated	IP20 Rated	

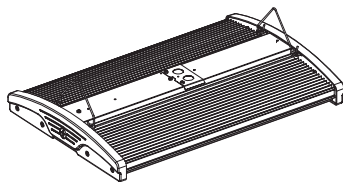
## ■ Dimensions & Weight

2FT HLHB	4FT HLHB
L1: 24"	L1: 45.5"
W: 16.25"	W: 16.25"
H: 3.15"	H: 3.15"

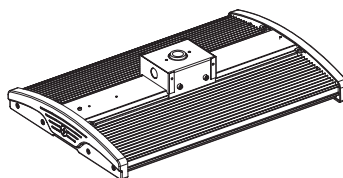
For MS-L7W



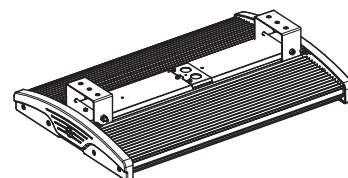
## ■ Installation



V Hook Mounting



Pendant Mounting



Channel Mounting

■ **Ordering Information** Example: HLHB02-175501-G

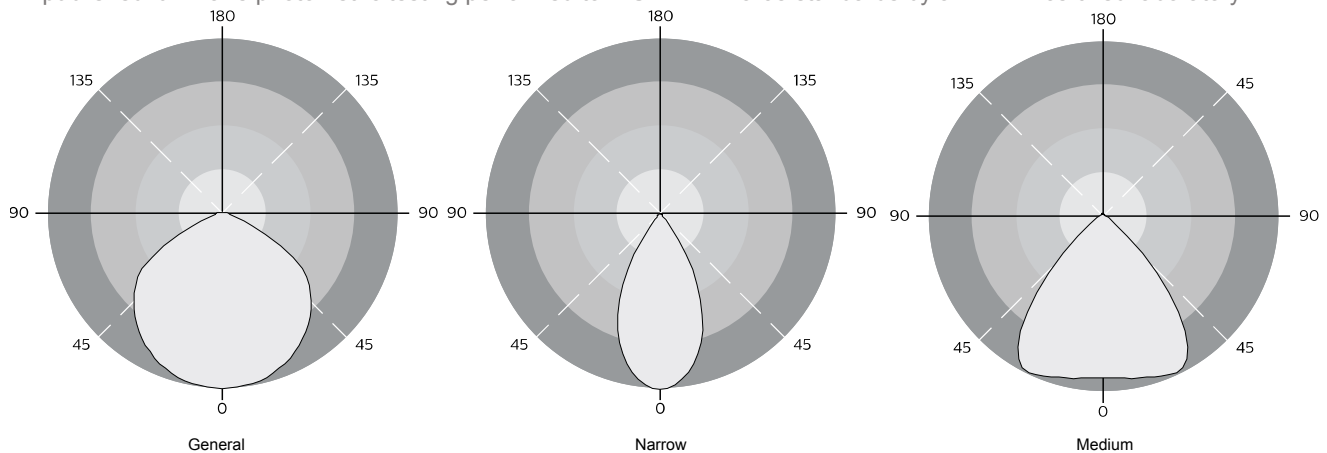
Series	Length	Watts	CCT	Voltage	Controls	Distribution	LENS
HLHB	02 - 2FT <sup>1</sup>	65 - 65 Watts	35-3500K	1 - 120V-277V	Blank - None	G - General <sup>8</sup>	Ordered and shipped separately <sup>9</sup> PCL - Polycarbonate Clear Lens <sup>4</sup> PFL - Polycarbonate Frosted Lens AFL - Acrylic Frosted Len <sup>5</sup> ACL - Acrylic Clear Lens <sup>6</sup>
		95 - 100 Watts	40-4000K	6 - 347/480V	MS-L7W - Motion Sensor with White L7 Lens <sup>7</sup>		
		135 - 135 Watts	50-5000K	EBU - Emergency Battery Backup <sup>3</sup>			
		175 - 175 Watts					
		220 - 210 Watts					
	04 - 4FT <sup>2</sup>	220 - 210 Watts					
		270 - 270 Watts					
		350 - 350 Watts					
		420 - 420Watts					

Notice:

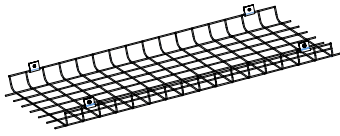
- 2FT HLHB is available from 65W to 210W
- 4FT HLHB is available from 210W to 420W
- Emergency battery backup is available in 10W with 1800lm @ 120-277V. For ambient temperatures of 32°F-104°F(0°C-40°C). The emergency test button is pre-installed on fixture. 347/480V is not for emergency battery backup. The EBU is Title 20 compliant.
- Polycarbonate clear lens is standard. If for polycarbonate frosted lens, acrylic clear and frosted lens, please contact customer service for lead time firstly
- Acrylic frosted lens is not available with Narrow and Medium distribution
- Acrylic clear lens is not available with Narrow and Medium distribution
- Dimming default setting is Bi-Level dim and dimming to 50%. Besides, daylight sensor default setting is disable. If need other dimming levels such as 20% or 30% , ON/OFF sensor and daylight sensor functions please contact the Customer Service or please change the settings by yourself at site.
- General distribution is standard. Medium and narrow distributions are available, please contact Customer Service if needed.
- Lens for general distribution are ordered and shipped separately. Please refers to the accessory table for details.

■ **Photometry**

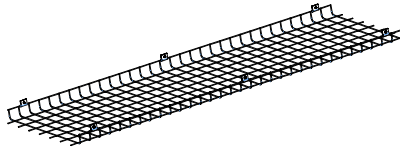
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



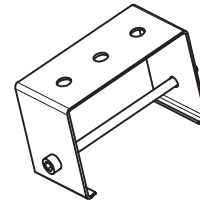
## ■ Accessories Information (Order Separately)



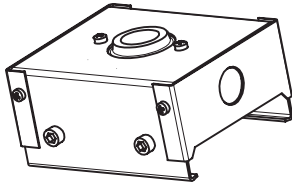
**90205**  
HLHB02-WG  
Wire guard for 2ft heavenly linear high bay



**90206**  
HLHB04-WG  
Wire guard for 4ft heavenly linear high bay



**90207**  
HLHB-CMK  
Channel mounting kits for heavenly linear high bay



**90208**  
HLHB-PMK  
Pendant mounting kits for heavenly linear high bay



**N/A**  
V-clip pair  
A pair of V-clips for heavenly linear high bay1



**90097**  
LHB 120V Plug and Cord  
6 feet 120V molded plug and cord for LHB with pipe clamp for strain relief



**90098**  
LHB 277V Plug and Cord  
6 feet 277V molded plug and cord for LHB with pipe clamp for strain relief



**90252**  
HLHB04-G-PFL  
4 pieces of polycarbonate frosted lens for 4ft HLHB, general distribution



**90258**  
HLHB02-G-PFL  
4 pieces of polycarbonate frosted lens for 2ft HLHB, general distribution



**90255**  
HLHB04-G-PCL  
4 pieces of polycarbonate clear lens for 4ft HLHB, general distribution

**90259**  
HLHB02-G-PCL  
4 pieces of polycarbonate clear lens for 2ft HLHB, general distribution

**90256**  
HLHB04-G-AFL  
4 pieces of acrylic frosted lens for 4ft HLHB, general distribution

**90260**  
HLHB02-G-AFL  
4 pieces of acrylic frosted lens for 2ft HLHB, general distribution

**90308**  
AC10-HK-300YF  
Aircraft cable 10' with lock and hook, Y-fit (one pair)

**90257**  
HLHB04-G-ACL  
4 pieces of acrylic clear lens for 4ft HLHB, general distribution

**90261**  
HLHB02-G-ACL  
4 pieces of acrylic clear lens for 2ft HLHB, general distribution

### Notice:

1. V-clip mounting kits is for standard mounting and shipped together. All the other Accessories need to be ordered separately.



# Warrior

# Warrior

# Junior Warrior

BRING EVERYTHING  
YOU'VE GOT

HANG IN THERE

CHALLENGE  
YOURSELF TO BE  
THE BEST







↑ Patient Rooms 221-233 ↑

← EXIT

CHILDREN'S HOSPITAL →  
WOMENS HOSPITAL →

↑ Patient Rooms 221-233 ↑

EXIT

EXIT





■ **FEATURES**

1. TOP 5 LED Chip
2. Standard 1-10V Dimming
3. EBU Backup Available
4. PMMA Light Transmitter

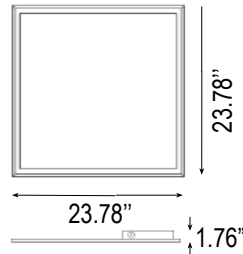
■ **Performance**

Size	1x4	2x2	2x4	2x4
Input Watts (LM-79 Reported)	38	38	38	53
Input Voltage	120-277	120-277	120-270	120-277
Output Lumens (@3000K)	4180	4180	3850	5300
Replaces (FL)	2x32W FL	3x17W FL	3x32W FL or 4x32W FL	3x32W FL or 4x32W FL
Lumen Per Watt	110	110	110	110
Color Accuracy (CRI)	>80	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated	IP20 Rated

■ **Dimensions & Weight**

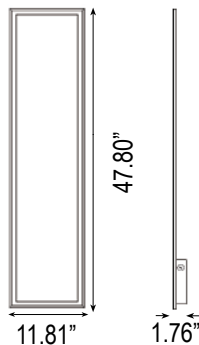
**2X2**

Length: 23.78"  
 Width: 23.78"  
 Height: 1.76"  
 Max. Weight: 8.8 lbs



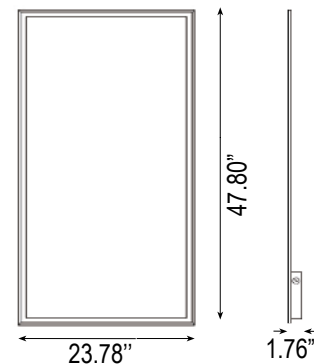
**1X4**

Length: 47.80"  
 Width: 11.81"  
 Height: 1.76"  
 Max. Weight: 8.8 lbs



**2X4**

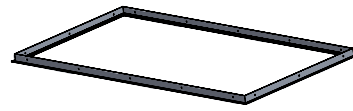
Length: 47.80"  
 Width: 23.78"  
 Height: 1.76"  
 Max. Weight: 17.6 lbs



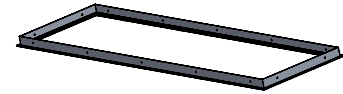
## ■ Accessories Information (Order Separately)



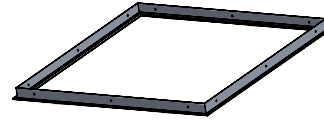
**FLP 1\*4 Surface Mount Kit**  
 1\*4 Flat Panel Accessories  
 2\*2 Flat Panel Surface Mount Kit  
 2\*4 Flat Panel Surface Mount Kit



**FLP 2\*4 Flange Kit**  
 2\*4 Flat Panel Recessed Mount Kit



**FLP 1\*4 Flange Kit**  
 1\*4 Flat Panel Recessed Mount Kit



**FLP 2\*2 Flange Kit**  
 2\*2 Flat Panel Recessed Mount Kit

## ■ Ordering Information Example: FLP14D3835

Flat LED Panel	Dimention	Dimmable	Watts	CCT	EBU
FLP	22 - 2x2'	D - 1-10V dimming	38 - 38W	30 - 3000K	EBU - Emergency Battery Back-up <sup>1</sup>
	14 - 1x4'		38 - 38W	35 - 3500K	
	24 - 2x4'		38 - 35W	40 - 4000K	
			53 - 53W	50 - 5000K	

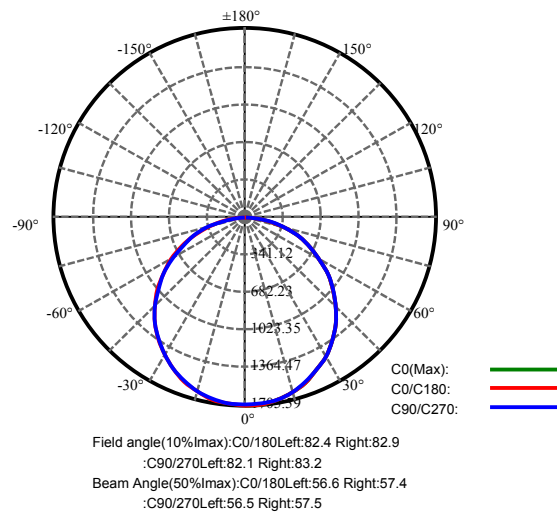
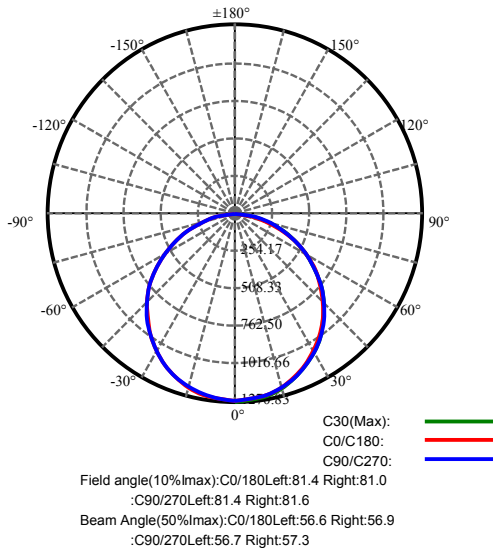
Notice:

1. Emergency battery backup is available in 5W with about 640lm @ 5000K.

\* Standard Finish as White. Special Order as other finish color - Ask Customer Service for Details

## ■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



**Note:** Please visit our website for more details.





■ **FEATURES**

1. TOP 5 LED Chip
2. Standard 1-10V Dimming
3. EBU Backup Available
4. PMMA Light Transmitter

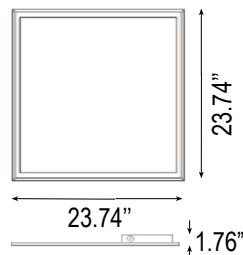
■ **Performance**

Size	1x4	2x2	2x4	2x4
Input Watts (LM-79 Reported)	38	38	38	48
Input Voltage	120-277	120-277	120-270	120-270
Output Lumens (@5000K)	3960	3960	3850	5300
Replaces (FL)	2x32W FL	3x17W FL	2 x 32W FL	2 x 32W FL
Lumen Per Watt	110	110	110	110
Color Accuracy (CRI)	>80	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated	IP20 Rated

■ **Dimensions & Weight**

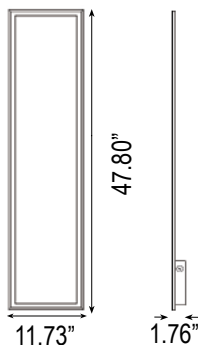
**2X2**

Length: 23.74"  
 Width: 23.74"  
 Height: 1.76"  
 Max. Weight: 8.8 lbs



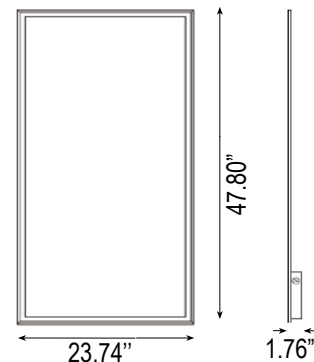
**1X4**

Length: 47.80"  
 Width: 11.73"  
 Height: 1.76"  
 Max. Weight: 8.8 lbs



**2X4**

Length: 47.80"  
 Width: 23.74"  
 Height: 1.76"  
 Max. Weight: 17.6 lbs



# Sky LED Flat Panel

## Ordering Information Example: FLP14D3835

Name	Dimension	Dimmable	Watts	CCT	Control
SFLP	22 - 2x2'	D - 1-10V dimming	38 - 36W	30 - 3000K	Blank - None
				35 - 3500K	EBU - Emergency
	14 - 1x4'		38 - 36W	40 - 4000K	Battery Back-up <sup>1</sup>
			24 - 2x4'	38 - 35W	
				48 - 48W	

Notice:

- Emergency battery backup is available in 5W with about 600lm @ 3500K.
- \* Standard Finish as White. Special Order as other finish color - Ask Customer Service for Details

## Accessories Information (Order Separately)



**90106**  
FLP 2\*2 Surface Mount Kit

**90122**  
FLP 1\*4 Surface Mount Kit

**90123**  
FLP 2\*4 Surface Mount Kit



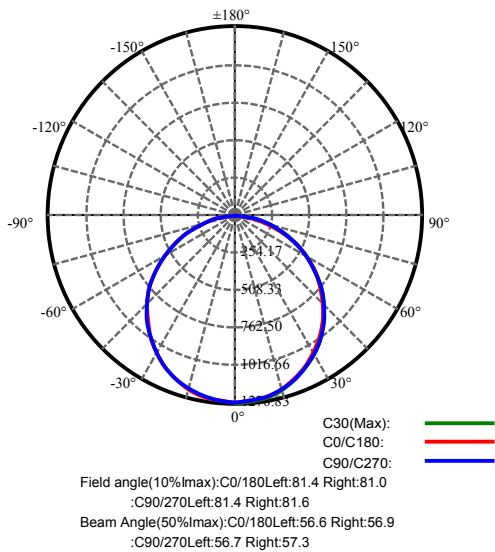
**90139**  
FLP 1\*4 Flange Kit

**90140**  
FLP 2\*4 Flange Kit

**90141**  
FLP 2\*2 Flange Kit

## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.





• LET'S  
*Start*







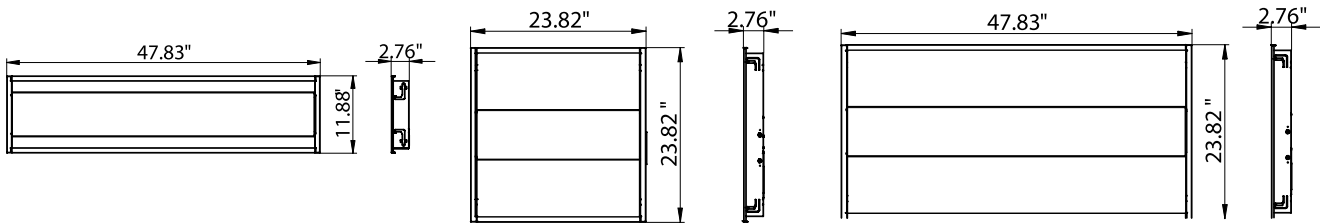
■ **FEATURES**

1. DLC Premium
2. Center basket design
3. Universal 120-277V
4. 1-10V dimming
5. EBU, sensor as the options

■ **Performance**

Input Watts	25	35	45
Input Voltage	120-277	120-277	120-277
Output Lumens (@5000K)	3250	4375	5850
Replaces (FL)	3 F17T8	4 F17T8	4 F32T8
Lumen Per Watt	130	125	130
Color Accuracy (CRI)	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated

■ **Dimensions**

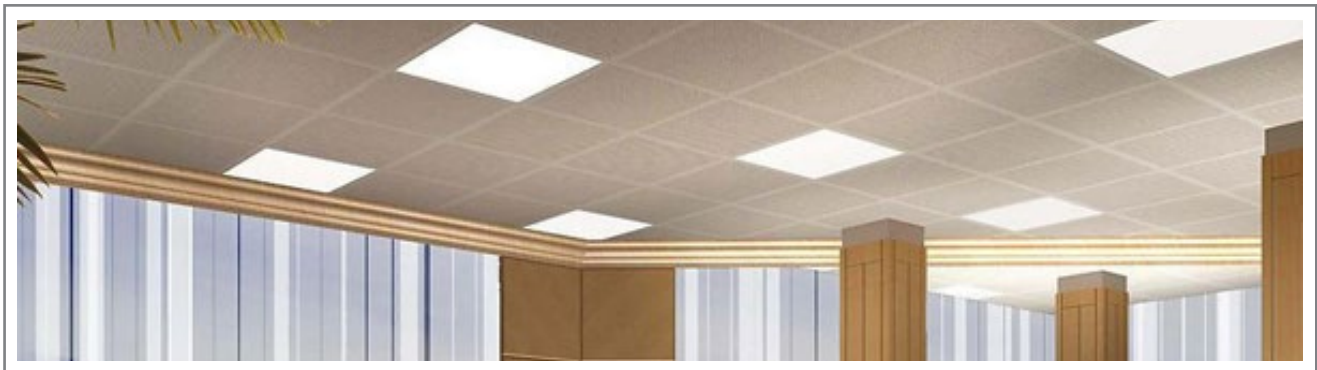


1x4  
Max. Weight: 6.19lbs

2x2  
Max. Weight: 8.66lbs

2x4  
Max. Weight: 14.04lbs

■ **Application**



## Ordering Information Example: TR22D25LED30- SP-EBU

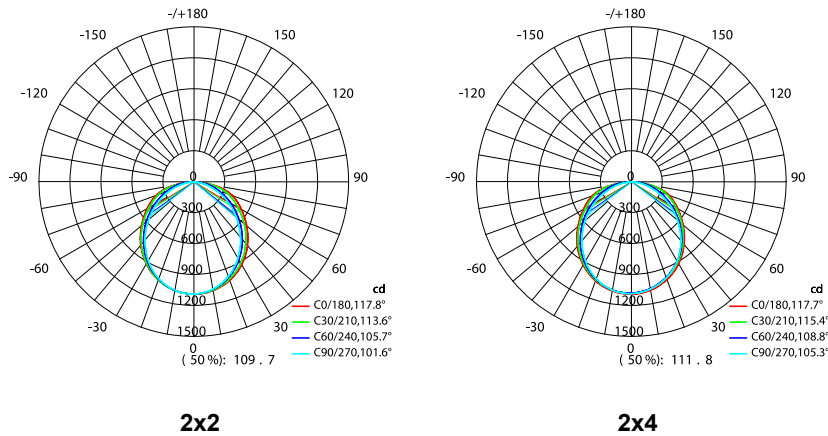
Center Basket Troffer	Size	Dimmable	Watts	LED	CCT	Series	Control
TR	22 - 2x2 FT	D - 1-10V	25 - 25 Watts	LED	35 - 3500K	SP – SP series	Blank - None
		Dimmable	35 - 35 Watts		40 - 4000K		MSW - Microwave Motion Sensor
					50 - 5000K		
	24 - 2x4 FT		25 - 25 Watts				EBU - Emergency Battery Back-up <sup>1</sup>
			35 - 35 Watts				
			45 - 45 Watts				

Notice:

- Emergency battery backup working temperature is 32-104°F.  
The emergency test button is pre-installed on fixture. If need a remote test switch please contact factory.
- Standard Finish is White.  
Special Order as other finish color - Ask Customer Service for Details.

## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.





■ **FEATURES**

1. Designed to Retrofit Fluorescent Troffer
2. Quick and Easy Installation
3. EBU Backup Available

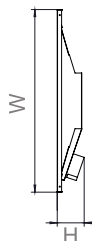
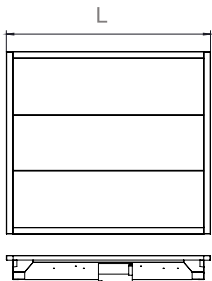
■ **Performance** 2x2

Input Watts	18	26	32
Input Voltage	120-277	120-277	120-277
Output Lumens (@4000K)	2166	3250	3840
Replaces (FL)	2 F17T8	3 F17T8	4 F17T8
Lumen Per Watt	120	130	120
Color Accuracy (CRI)	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated

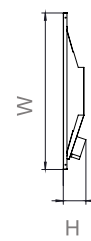
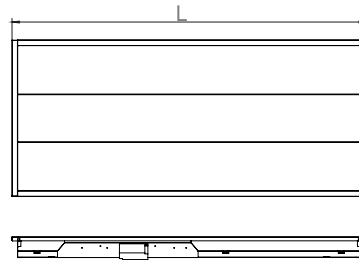
■ **Performance** 2x4

Input Watts	25	38	44
Input Voltage	120-277	120-277	120-277
Output Lumens (@3500K)	3250	4560	5400
Replaces (FL)	2 F32T8	3 F32T8	4 F32T8
Lumen Per Watt	130	120	120
Color Accuracy (CRI)	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated

■ **Dimensions & Weight**



**2X2**  
 Length: 22.56"  
 Width: 20.59"  
 Height: 2.97"  
 Max. Weight: 12 lbs



**2X4**  
 Length: 46.62"  
 Width: 20.59"  
 Height: 2.97"  
 Max. Weight: 21 lbs

# DLC P Door Frame Retrofit Kit DL Series

## Ordering Information

Example: TRK22D25LEDXX-DL-EBU

Door Frame Retrofit Kit	Dimension	Dimmable	Watts	Source type	CCT	Series	Control
TRK	22- 2'x2'	D-1-10V Dimmable	18-18 Watts <sup>1</sup> 25-25 Watts 32-32 Watts	LED	30 - 3000K 35 - 3500K <sup>3</sup> 40 - 4000K <sup>3</sup>	Series- DL	EBU - Emergency Battery Backup <sup>2</sup> MSO - ON/OFF Sensor
	24- 2'x4'		25-25 Watts 38-38 Watts 45-45 Watts		50 - 5000K		

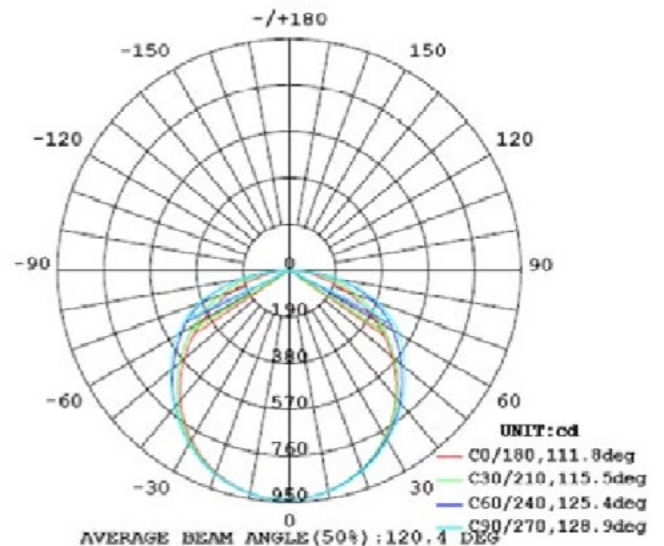
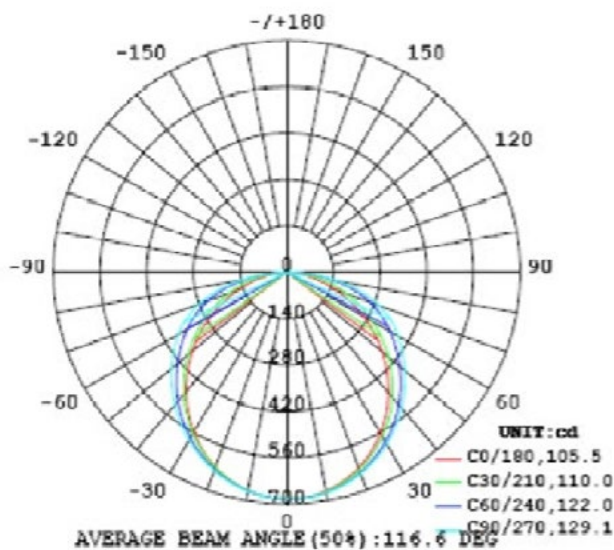
Notice:

1. For EBU solution, 18W is excluded.
2. The emergency test button is pre-installed on fixture. If need a remote test switch please contact factory.
3. 3500K and 4000K are standard

\* Standard Finish as White. Special Order as other finish color - Please Ask Customer Service for Details.

## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.







■ **FEATURES**

1. 2ft, 3ft and 4ft available
2. 80 and 90 CRI for option
3. Top 5 LED chip & led driver

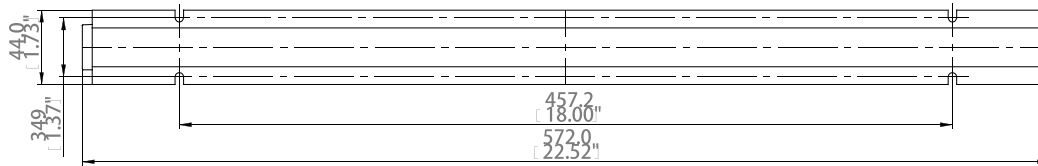
■ **Performance**

Input Watts	12	15	20	25	45
Input Voltage	120-277	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	1500	1890	2850	3700	6320
Replaces (FL)	F17T8 (2ft)	F28T8 (3ft)	F32T8 (4ft)	F32T8 (4ft)	F32T8 (4ft)
Lumen Per Watt	125	126	150	148	147
Color Accuracy (CRI)	>80	>80	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated	IP20 Rated	IP20 Rated

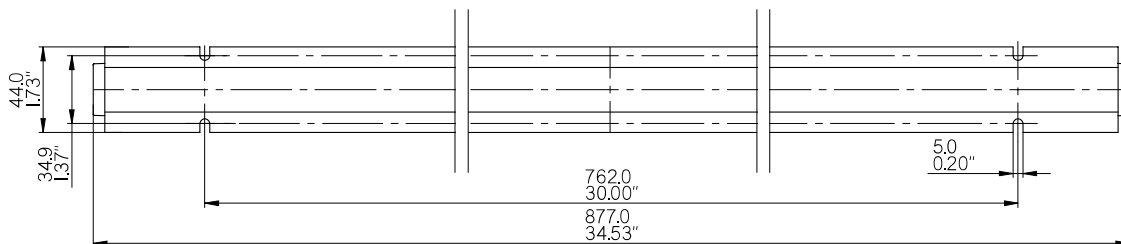
■ **Dimensions & Weight**

Max. Weight: 1.32lbs

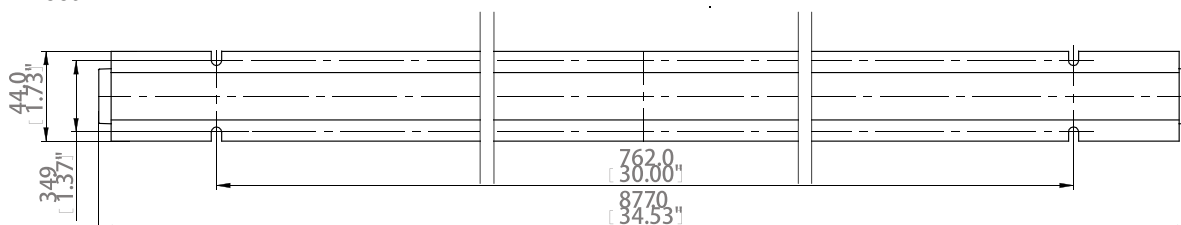
**2 Feet**



**3 Feet**



**4 Feet**



# LED Linear Strip Retrofit Kit

## ■ Ordering Information Example: AB-LSR-4-25-4180

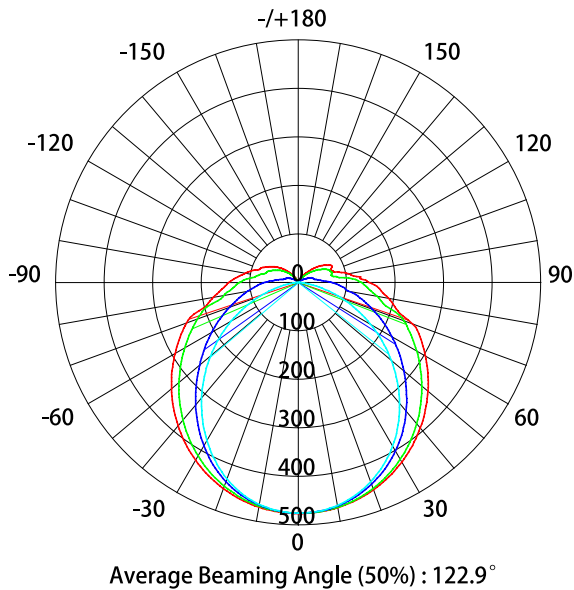
Brand	LED Linear Strip Retrofit KIT	Length	Watts	CCT and CRI <sup>2</sup>
AB	LSR	2 - 2 feet	12 - 12 W	3080 - 3000K 80Ra
		3 - 3 feet <sup>1</sup>	15 - 15 W	3580 - 3500K 80Ra
				4180 - 4100K 80Ra
				5080 - 5000K 80Ra
		4 - 4 feet	20 - 20 W	
			25 - 25 W	
45 - 45 W				

Notice:

- 3 feet is for special order. It will take a long time. Please check with Customer Service for details.
- CRI 90 is available for special order and will take a long time. Please check with Customer Service for details.

## ■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.





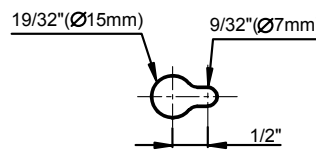
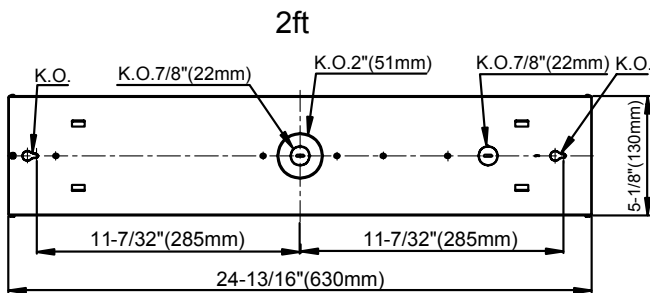
■ **FEATURES**

1. Top 5 LED Chip & LED Driver
2. Clear PMMA Diffuser Lens
3. EBU Backup Available

■ **Performance**

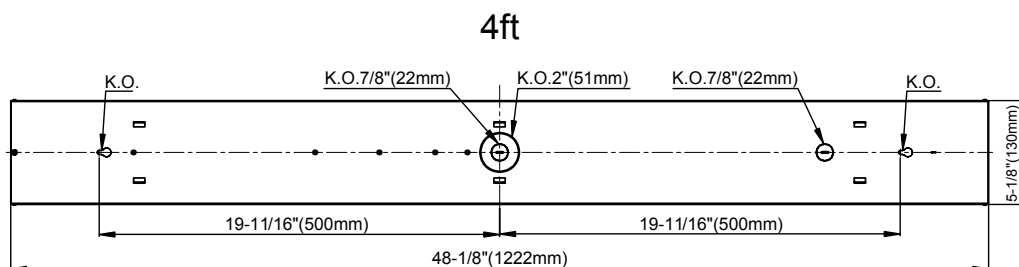
Input Watts (LM-79 Reported)	28 @2FT	38 @4FT
Input Voltage	120-277	120-277
Output Lumens (@5000K)	3640	4940
Replaces (FL)	2 Lamp - 17W T8	2 Lamp - 32W T8
Lumen Per Watt	130	130
Color Accuracy (CRI)	80	80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated

■ **Dimensions & Weight**



**2FT**

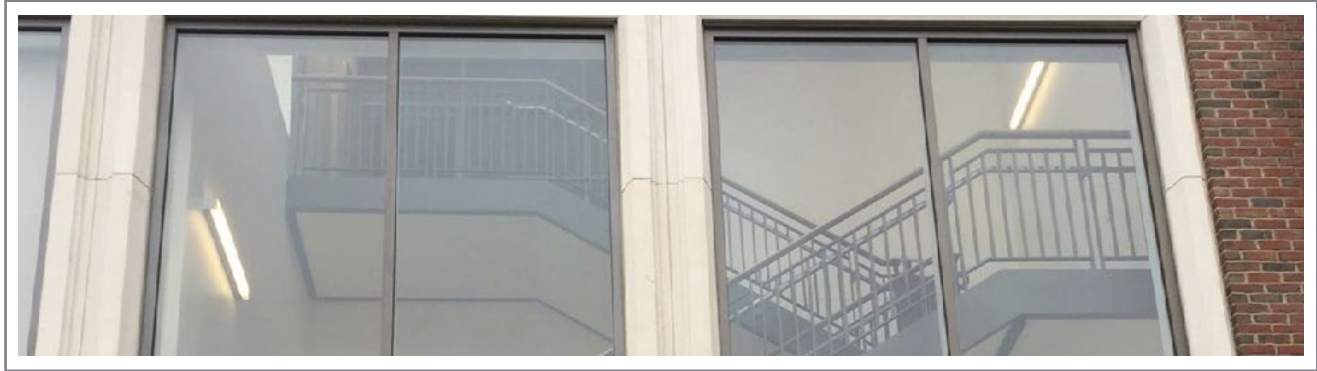
Length: 25.01"  
Width: 5.12"  
Height: 3.03"  
Max. Weight: 3.7lbs



**4FT**

Length: 48.11"  
Width: 5.12"  
Height: 3.03"  
Max. Weight: 6.6 lbs

## ■ Application



## ■ Ordering Information Example: WRP06D28LED301S-MSW

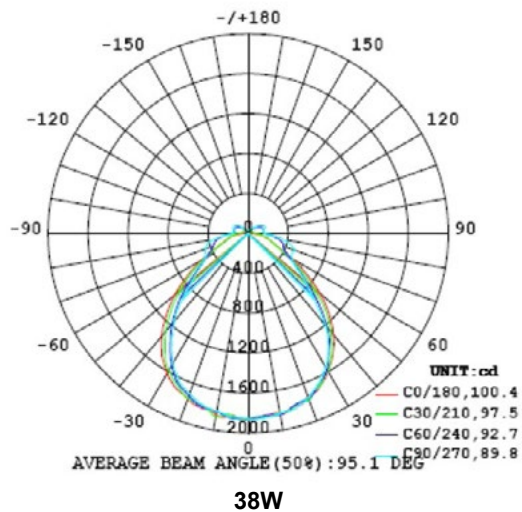
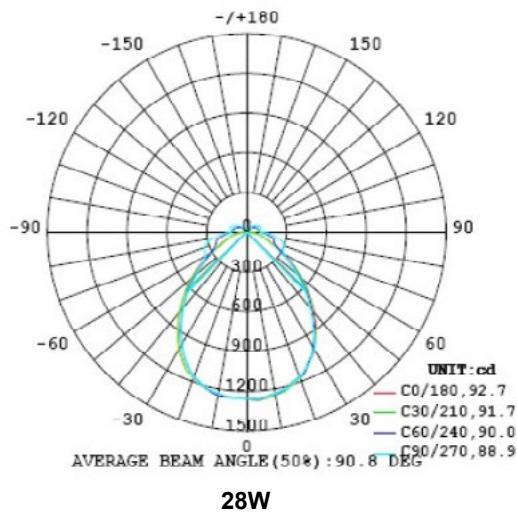
Wrap Fixture	Dimension	Dimmable	Watts	LED	CCT	Voltage	Series	Controls
WRP	06 - 2FT	D - 0-10V dimmable	28 - 28 Watts	LED	30 - 3000K	1 - 120-277V	S - STD series	Blank - None MSWO - Microwave ON/OFF Sensor <sup>1</sup> MSW - Microwave Dimming Sensor <sup>2</sup>
	12 - 4FT		38 - 38 Watts		35 - 3500K			

Notice:

1. Microwave ON/OFF sensor, for mounting height 20ft (6m) max. It is standard.
  2. Microwave dimming sensor, for mounting height 49ft (15m) max. It is for option.
- Please contact customer service in advance.  
 \* Special Order- Ask Customer Service for Details

## ■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.





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**INFO SESSION**  
Friday, October 28th  
3 – 4 pm, E25-401

**APPLICATION DEADLINE**  
Friday, November 18

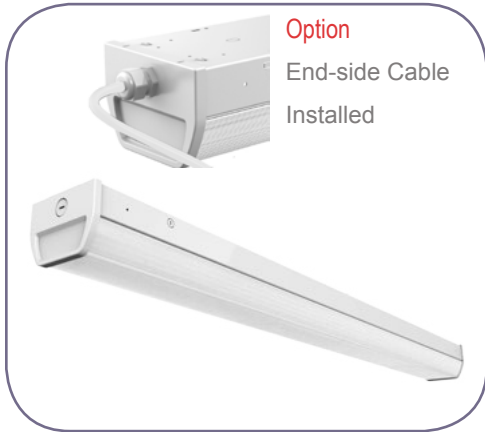
October 08, 2019 01:11 PM

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tech tech  
tech









## ■ FEATURES

1. Around 8% up-light and no glare
2. Quick and Easy to wire and install
3. Continuous-run mount
4. Seamless connection
5. Built-in sensor
6. EBU backup available
7. Philips driver is used for 2ft,3ft and 4ft

## Frosted Lens

### ■ Performance

Input Watts	20@2FT	26@3FT	30@4FT	46@4FT
Input Voltage	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	3000	3900	4500	6900
Replaces (FL)	2 Lamp - 17W T8	2 Lamp - 17W T8	2 Lamp - 32W T8	2 Lamp - 32W T8
Lumen Per Watt	150	150	150	150
Color Accuracy (CRI)	80	80	80	80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated	IP20 Rated

### ■ Performance

Input Watts	60@8FT	85@8FT
Input Voltage	120-277	120-277
Output Lumens (@5000K)	9000	11600
Replaces (FL)	4 Lamp - 17W T8	4 Lamp - 32W T8
Lumen Per Watt	150	145
Color Accuracy (CRI)	80	80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated

## Vision LED Strip Light

Wide size ideal to replace the two-lamp fluorescent strip

### Clear Lens

#### ■ Performance

Input Watts	20@2FT	26@3FT	30@4FT	46@4FT
Input Voltage	120-277	120-277	120-277	120-277
Output Lumens (@5000K)	3160	4100	4740	7268
Replaces (FL)	2 Lamp - 17W T8	2 Lamp - 17W T8	2 Lamp - 32W T8	2 Lamp - 32W T8
Lumen Per Watt	158	158	158	158
Color Accuracy (CRI)	80	80	80	80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated	IP20 Rated

#### ■ Performance

Input Watts	60@8FT	85@8FT
Input Voltage	120-277	120-277
Output Lumens (@5000K)	9480	12240
Replaces (FL)	4 Lamp - 17W T8	4 Lamp - 32W T8
Lumen Per Watt	158	153
Color Accuracy (CRI)	80	80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated

### 347/480V Frosted Lens

#### ■ Performance

Input Watts	20@2FT	26@3FT	30@4FT	42@4FT
Input Voltage	347/480V	347/480V	347/480V	120-277
Output Lumens (@5000K)	3000	3900	4500	6300
Replaces (FL)	2 Lamp - 17W T8	2 Lamp - 17W T8	2 Lamp - 32W T8	2 Lamp - 32W T8
Lumen Per Watt	150	150	150	150
Color Accuracy (CRI)	80	80	80	80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated	IP20 Rated

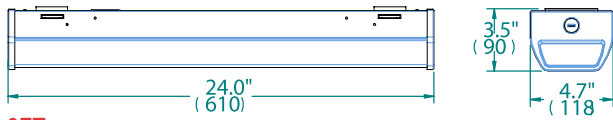
#### ■ Performance

Input Watts	60@8FT	85@8FT
Input Voltage	120-277	120-277
Output Lumens (@5000K)	9000	11600
Replaces (FL)	4 Lamp - 17W T8	4 Lamp - 32W T8
Lumen Per Watt	150	145
Color Accuracy (CRI)	80	80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated

**■ Dimensions & Weight**

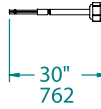
**2FT**

Net. Weight: 4.5 lbs



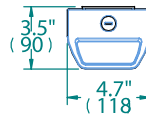
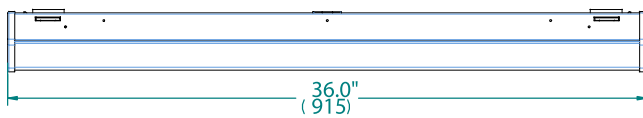
**Option**

End-side cable installed



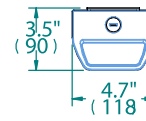
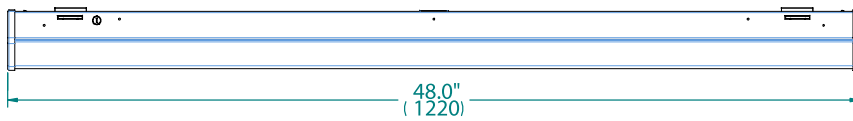
**3FT**

Net. Weight: 5.9 lbs



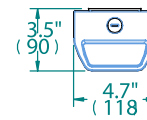
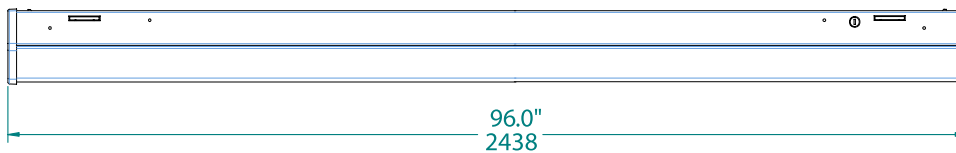
**4FT**

Net. Weight: 7.5 lbs



**8FT**

Net. Weight: 13.5 lbs



**■ Ordering Information**

Example: STR12D30LED401F

Strip Fixture	Dimension	Dimmable	Watts	LED	CCT	Voltage	Series	Controls
STR	06 - 2FT	D - 0-10V	20 - 20 Watts	LED	30 - 3000K	1 - 120-277V	F-Frosted lens <sup>4</sup>	Blank - None
		Dimmable			35 - 3500K	2 - 347V	C-Clear Lens <sup>4</sup>	MSWO - Microwave ON/OFF
	09 - 3FT <sup>5</sup>		26 - 26 Watts		40 - 4000K			Sensor <sup>1</sup>
	12 - 4FT		30 - 30 Watts		50 - 5000K			MSW-Microwave Dimming sensor <sup>2</sup>
			45 - 45 Watts <sup>6</sup>				EBU - Emergency Battery Back-up <sup>3</sup>	
	24 - 8FT		60 - 60 Watts					
			85 - 80 Watts					

**Option**



**2ESC1**

2ft End-side Cable Installed, white, no plug

Note: Standard product does not include the end-side cable. If need end-side cable installed please ask Customer Service.

## Vision LED Strip Light

**Wide size ideal to replace the two-lamp fluorescent strip**

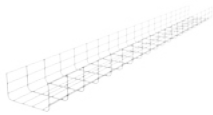
1. Microwave ON/OFF sensor, for mounting height 20ft (6m) max. Microwave ON/OFF sensor is not available for 347V.
2. Microwave dimming sensor, for mounting height 20ft (6m) max. Dimming default setting is Bi-Level dim and dimming to 50%. Besides, daylight sensor default setting is disable. If need other dimming levels such as 20% or 30% and daylight sensor function please contact the Customer Service or please change the settings by yourself at site.
3. The emergency test button is pre-installed on fixture. If need a remote test switch please contact factory. Emergency battery back-up is not available for 347V.
4. Frosted lens is standard. Please contact Customer Service for the lead time of clear lens.
5. 3ft is special and without DLC. Please contact Customer Service for lead time of 3ft vision strip.

6. Actual watts for 347V is about 42W.

\* Surface mount is standard. If need quick surface mount and V-hook mount please order the mounting brackets separately. Please check the accessory table for details.

\* Standard Finish is White. Special Order as other finish color will take lone time - Please Ask Customer Service for Details.

### ■ Accessories Information (Order Separately)



**90237**

STRP06-WG

Wire guard for 2ftstrip



**90238**

STRP12-WG<sup>1</sup>

Wire guard for 4ft and 8ft strip



**90240**

STRP06-RF

Reflector 2ft strip



**90242**

STRP12-RF<sup>2</sup>

Reflector 4ft and 8ft strip



**90243**

STRP-VH

V-hooks for strip



**90264**

STRP-QSMK

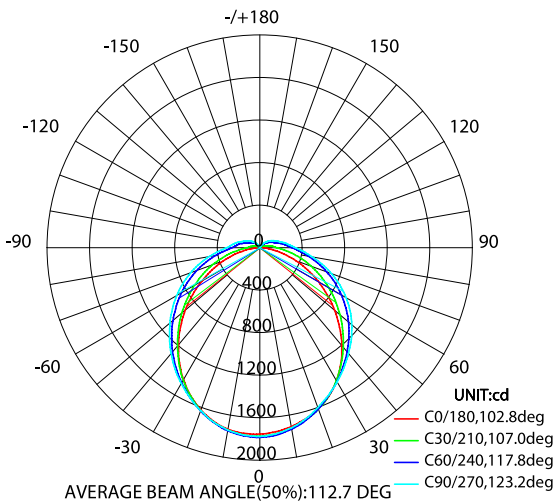
Quick surface mount kit for vision strip

#### Notes:

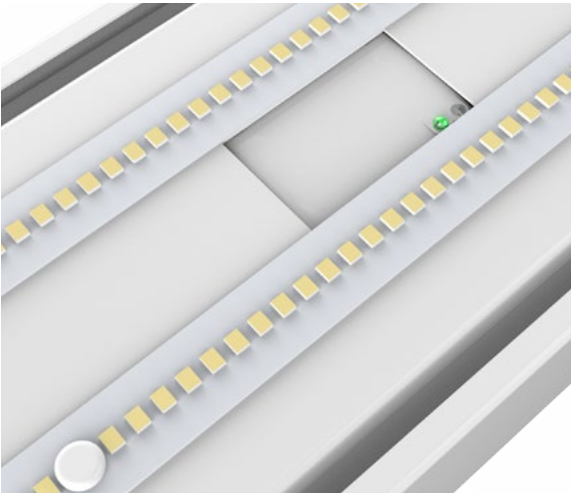
1. If for 8ft please order two pieces.
2. If this reflector will be installed at one side, then one piece for 4ft and two pieces for 8ft. If this reflector will be installed at both two sides, then two pieces for 4ft and four pieces for 8ft.

### ■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



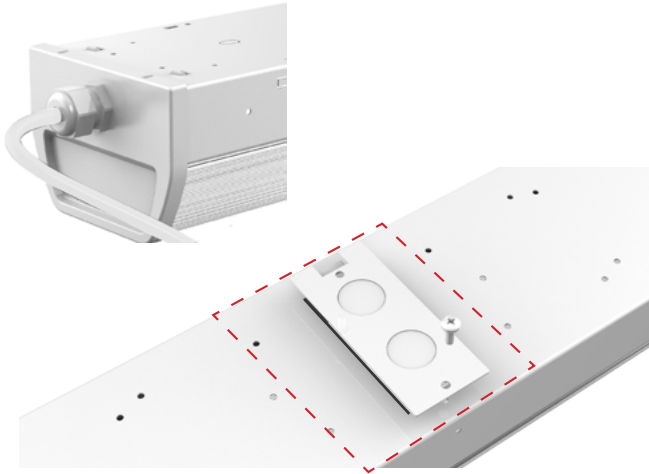




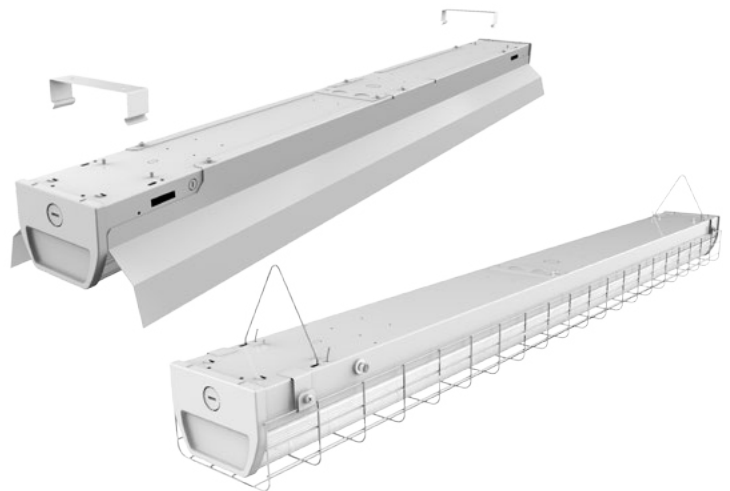
- **Built-in** sensor



- **EBU** backup available



- **Easy to wire** end and back side wire entries available, meet different junction box locations.



- **Easy to install** quick surface mount and V-hook mount optional, no need to open the housing.



**Watch Video**  
**Learn More products**







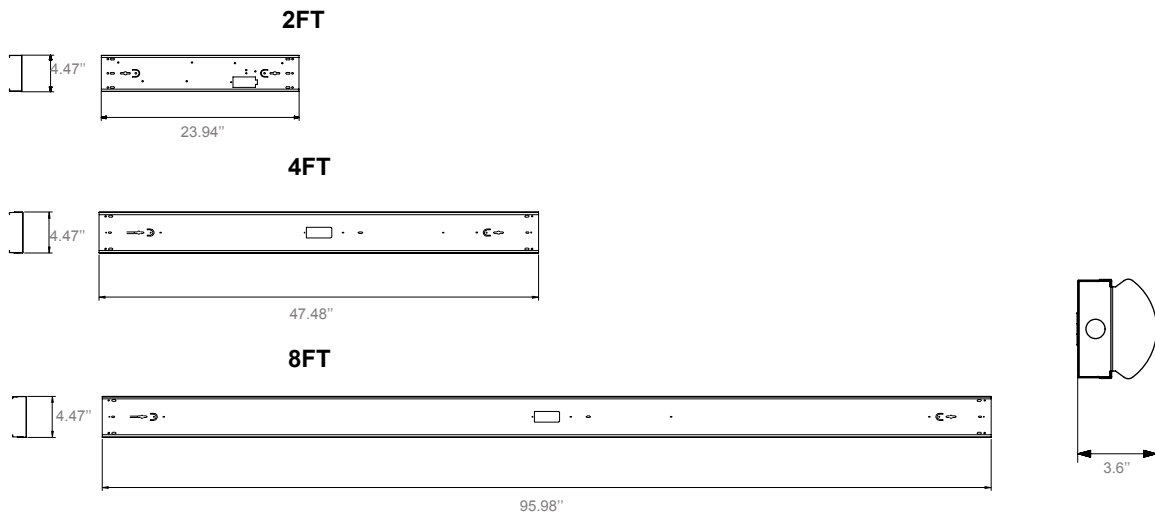
■ **FEATURES**

1. 4 Feet And 8 Feet
2. Cold-Rolled Steel Body
3. EBU Backup Available
4. Wire Guard Is For Option

■ **Performance**

Input Watts	20 @2FT	40 @4FT	85 @8FT
Input Voltage	120-277	120-277	120-277
Output Lumens (@4000K)	2200	4400	9350
Replaces (FL)	2 Lamp - 17W T8	2 Lamp - 32W T8	4 Lamp - 32W T8
Lumen Per Watt	110	110	110
Color Accuracy (CRI)	80	80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated

■ **Dimensions & Weight**



2FT	4FT	8FT
Length: 23.94"	Length: 47.48"	Length: 95.98"
Width: 4.47"	Width: 4.47"	Width: 4.47"
Height: 3.60"	Height: 3.60"	Height: 3.60"
Max. Weight: 2.0 lbs	Max. Weight: 3.50 lbs	Max. Weight: 7.50 lbs

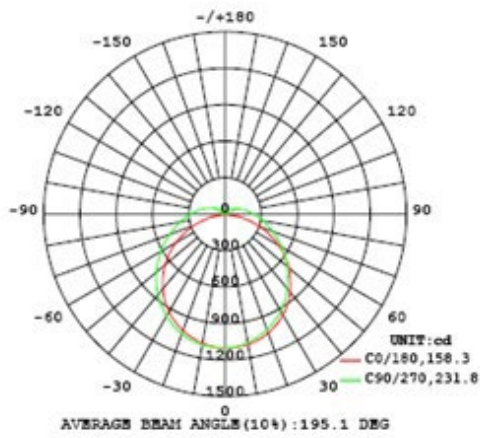
## Ordering Information Example: STR12D40LED401S

STRIP Fixture	Dimension	Dimmable	Watts	LED	CCT	Voltage	Series	Options
STR	06 - 2FT	D - 0-10V	20 - 20 Watts	LED	30 - 3000K	1 - 120-277V	S - STD series	Blank - None
	12 - 4FT	Dimmable	40 - 40 Watts		35 - 3500K			MSWO - Microwave ON/OFF Sensor <sup>1</sup>
	24 - 8FT		85 - 80 Watts		40 - 4000K			MSW-Microwave Dimming sensor <sup>2</sup>
					50 - 5000K			EBU - Emergency Battery Back-up <sup>3</sup>
								WG - Wire Guard

1. Microwave ON/OFF sensor, for mounting height 20ft (6m) max. It is standard.
  2. Microwave dimming sensor, for mounting height 49ft (15m) max. It is for option. Please contact customer service in advance.
  3. The emergency test button is pre-installed on fixture. If need a remote test switch please contact factory.
- \*Special Order- Ask Customer Service for Details

## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



**40W 4000K**

**Note:** Please visit our website for more details.





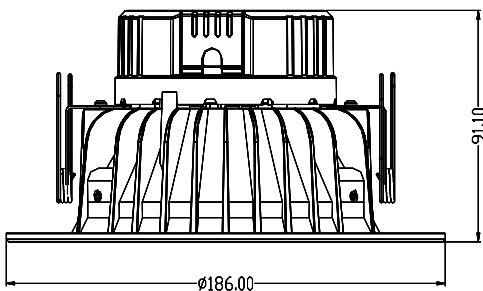
## ■ FEATURES

1. Replacements for incandescent and compact fluorescent (CFL) light sources
2. CREE LED chip is used
3. Die-cast aluminum heat sink for maximum heat dissipation
4. TRIAC dimming (at 120V only)
5. ENERGY STAR® Version 2.0 Certified
6. Retrofit E26 base and connector are available

## ■ Performance

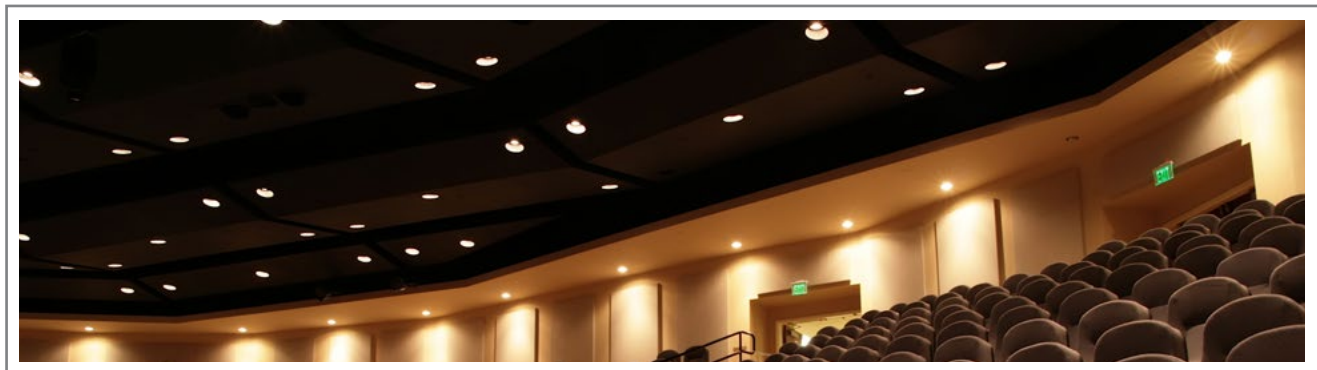
Input Watts (Based on Energy Star)	15
Input Voltage	120V
Output Lumens (@3000K)	1100
Replaces (Inc)	75W incandescent
Lumen Per Watt	75
Color Accuracy (CRI)	>80
Working Temperature	-4-104°F (-20-40°C)
IP Rating	IP20 Rated

## ■ Dimensions & Weight



Depth: 91.1mm / 3.59"  
 Diameter: 186mm / 7.30"  
 Max. Weight: 1.1 lbs

## ■ Application





# Commercial Downlight Retrofit Kit 6 Inch

## Ordering Information Example: DL1530-6

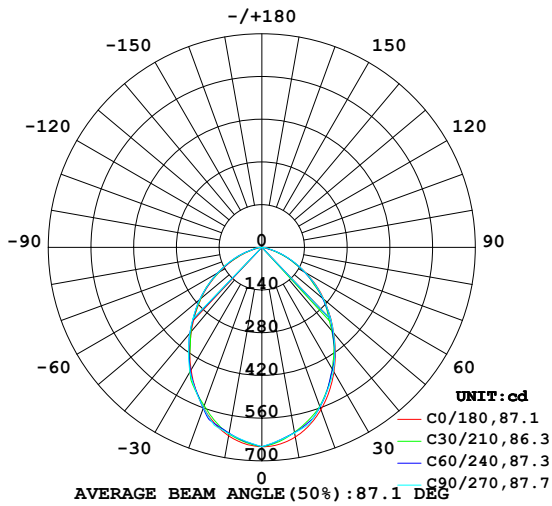
Downlight	Watts	CCT	Dimension
DL	15 - 15 Watts	30 - 3000K	6 - 6"

Notice:

\* Standard Finish as White. Special Order as other finish color -Please Ask Customer Service for Details.

## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.





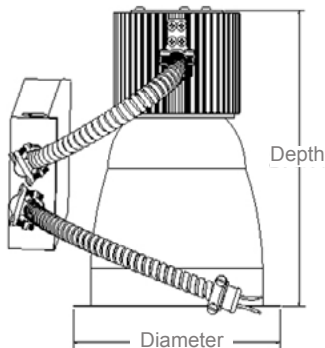
## ■ FEATURES

1. Replacements for incandescent and compact fluorescent (CFL) light sources
2. CREE LED chip and Mean Well LED driver are used
3. Die-cast aluminum heat sink for maximum heat dissipation
4. Universal dimming driver for 1-10V (at 120-277V)
5. ENERGY STAR® Version 2.0 Certified

## ■ Performance

Input Watts (Based on Energy Star)	30 (6 inch)	40 (8 inch)
Input Voltage	120-277V	120-277V
Output Lumens (@3000K)	2200	3300
Replaces (HID)	100W HID	150W HID
Lumen Per Watt	85	85
Color Accuracy (CRI)	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated

## ■ Dimensions & Weight



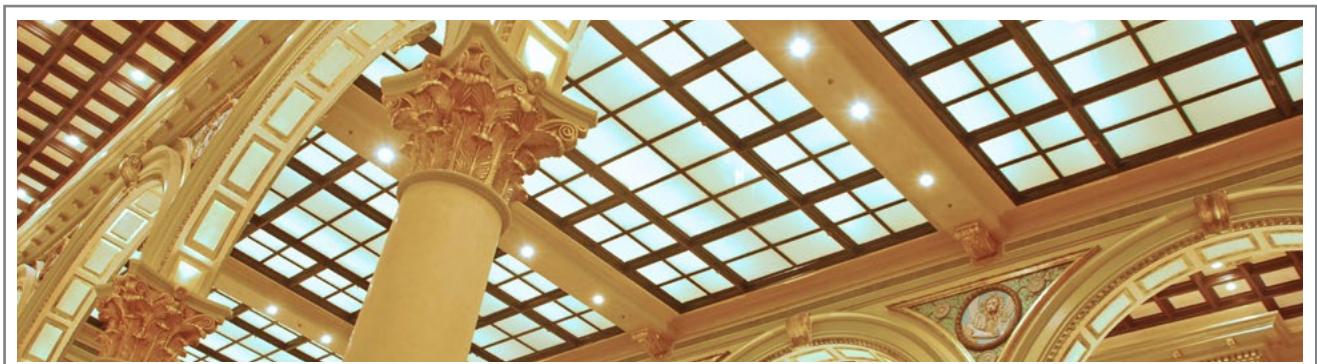
### 6 Inch (30W)

Depth: 235mm / 9.25"  
Diameter: 180mm / 7.09"  
Max. Weight: 4.59 lbs

### 8 Inch (40W)

Depth: 265mm / 10.43"  
Diameter: 230mm / 9.06"  
Max. Weight: 4.92 lbs

## ■ Application



# Commercial Downlight Retrofit Kit 6 Inch & 8 Inch

## Ordering Information Example: DL3030-6

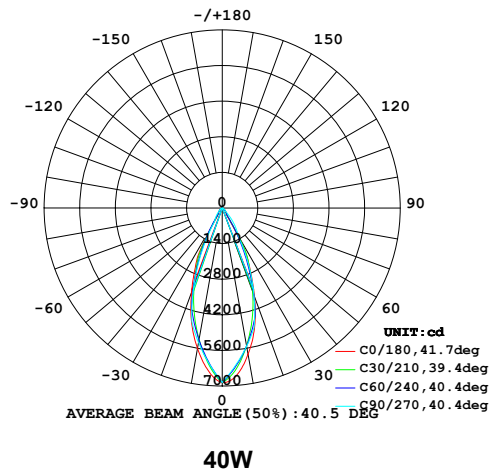
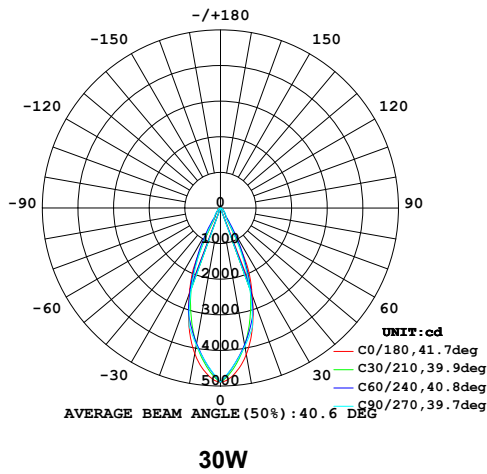
Downlight	Watts	CCT	Dimension
DL	30 - 30 Watts	30 - 3000K	6 - 6" (Only 30W)
	40 - 40 Watts		8 - 8" (Only 40W)

Notice:

\* Standard Finish as Silver. Special Order as other finish color - Please Ask Customer Service for Details.

## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



**Note:** Please visit our website for more details.





■ **FEATURES**

1. External driver, much reliable and convenient.
2. 0-10V dimming can be used with more controls.
3. Rebate-qualified product with high ROI.
4. Title 24 compliance and high efficiency, up to 130LPW.

■ **Performance**

Input Watts	10W (with one tube)	20W (with two tube)	30W (with three tube)	40W (with four tube)
Input Voltage	120-277V	120-277V	120-277V	120-277V
Output Lumens(@5000K)	1300lm	2600lm	3900lm	5200lm
Replaces (FL)	1F17T8(2FT)	2F17T8(2FT)	3F17T8(2FT)	4F17T8(2FT)
Lumen Per Watt	130	130	130	130
Color Accuracy (CRI)	>80	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated	IP20 Rated

■ **Dimensions & Weight**

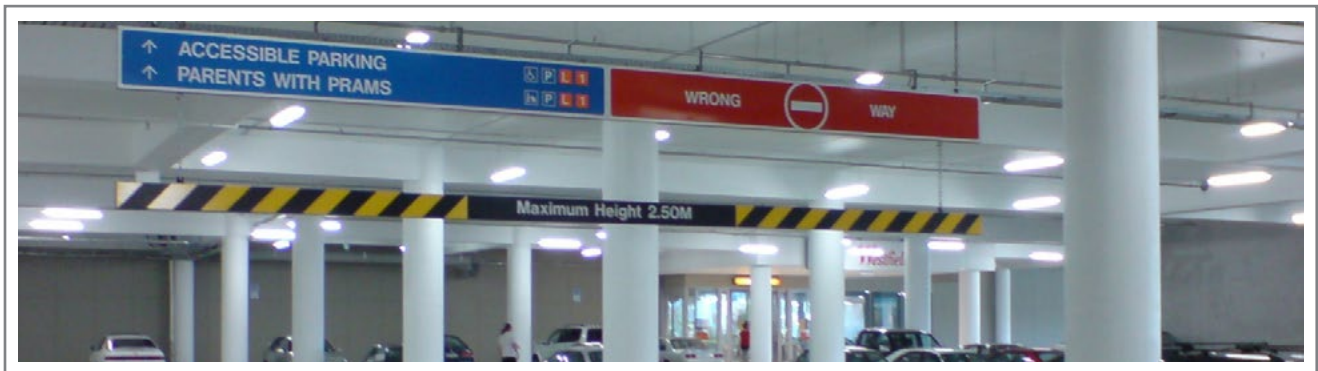
Length: 23.54"

Width: 0.5"

Net Weight: 0.3lbs



■ **Application**



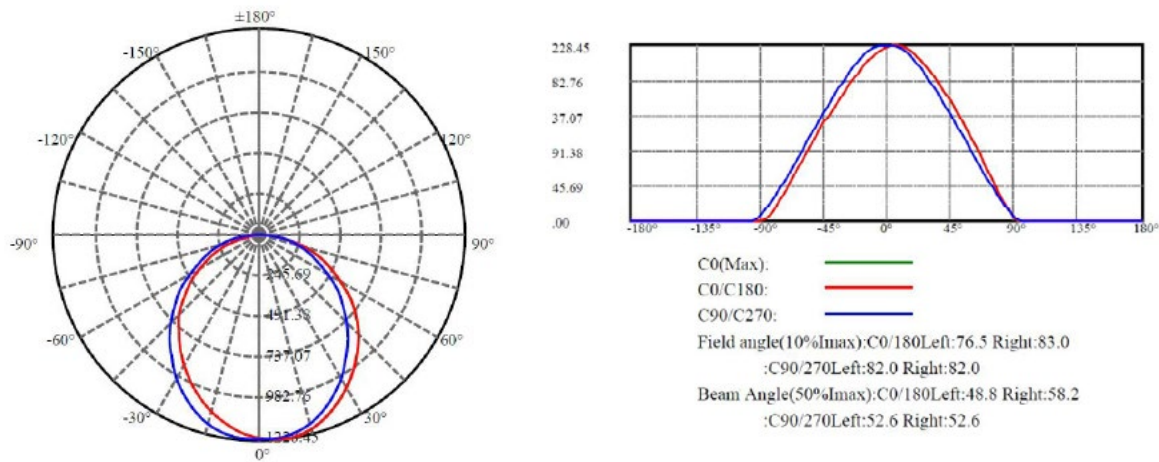
# T8 LED Quick-Kit 2FT (10W Per Tube)

## Ordering Information Example: T810D30EX1G-FW06

Size	Watts	Dimmable	CCT	One Driver with Tubes	Cap	Lens Type	Length
T8	10W - 10W/Tube	D - 0-10V dimmable	30 - 3000K	EX1 - one driver with one tube	G - G13	FW - Frost White	06 - 2FT
			35 - 3500K	EX2 - one driver with two tubes			
			40 - 4000K	EX3 - one driver with three tubes			
			50 - 5000K	EX4 - one driver with four tubes			

## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



**Note:** Please visit our website for more details.







■ **FEATURES**

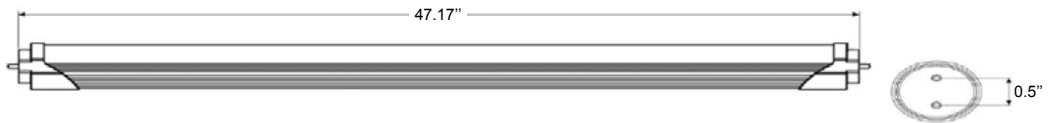
1. External driver, much reliable and convenient.
2. 0-10V dimming can be used with more controls.
3. Rebate-qualified product with high ROI.
4. Title 24 compliance and high efficiency, up to 130LPW.

■ **Performance**

Input Watts	15W (with one tube)	30W (with two tube)	45W (with three tube)	60W (with four tube)
Input Voltage	120-277V	120-277V	120-277V	120-277V
Output Lumens(@5000K)	1950lm	3900lm	5850lm	7800lm
Replaces (FL)	1F32T8(4FT)	2F32T8(4FT)	3F32T8(4FT)	4F32T8(4FT)
Lumen Per Watt	130	130	130	130
Color Accuracy (CRI)	>80	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated	IP20 Rated

■ **Dimensions & Weight**

Length: 47.17"  
Width: 0.5"  
Net Weight: 0.57lbs



■ **Application**



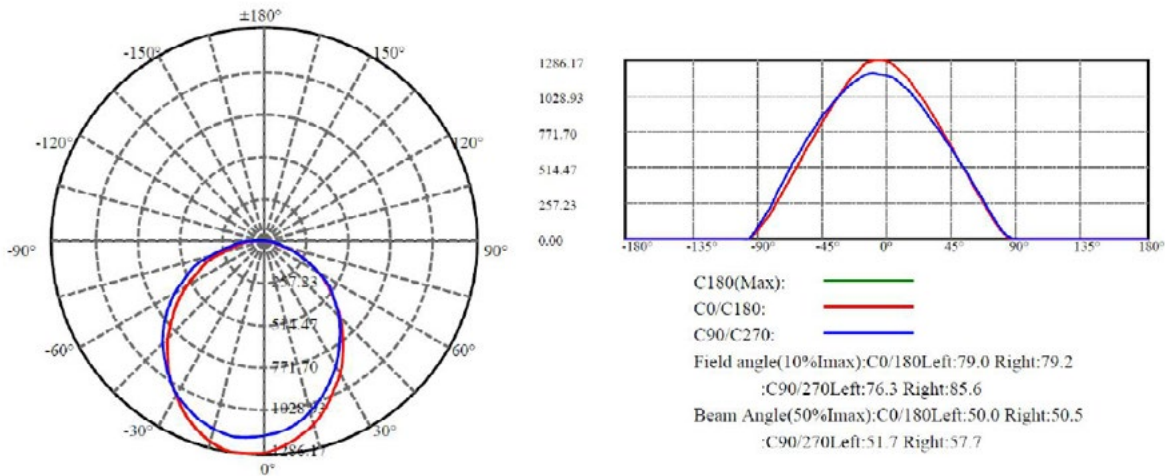
# T8 LED Quick-Kit 4FT (15W Per Tube)

## ■ Ordering Information Example: T815D30EX1G-FW12

Size	Watts	Dimmable	CCT	One Driver with Tubes	Cap	Lens Type	Length
T8	15W - 15W/Tube	D - 0-10V dimmable	30 - 3000K	EX1 - one driver with one tube	G - G13	FW - Frost White	12 - 4FT
			35 - 3500K	EX2 - one driver with two tubes			
			40 - 4000K	EX3 - one driver with three tubes			
			50 - 5000K	EX4 - one driver with four tubes			

## ■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.





■ **FEATURES**

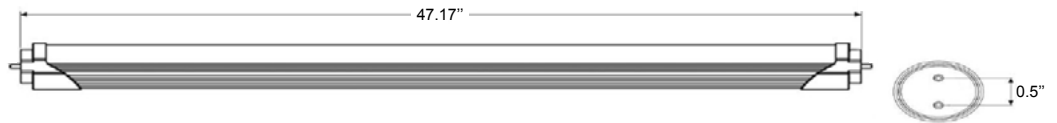
1. External driver, much reliable and convenient.
2. 0-10V dimming can be used with more controls.
3. Rebate-qualified product with high ROI.
4. Title 24 compliance and high efficiency, up to 130LPW.

■ **Performance**

Input Watts	36W (with two tube)	54W (with three tube)	72W (with four tube)
Input Voltage	120-277V	120-277V	120-277V
Output Lumens(@5000K)	4680lm	7020lm	9360lm
Replaces (FL)	2F32T8(4FT)	3F32T8(4FT)	4F32T8(4FT)
Lumen Per Watt	130	130	130
Color Accuracy (CRI)	>80	>80	>80
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated	IP20 Rated

■ **Dimensions & Weight**

Length: 47.17"  
Width: 0.5"  
Net Weight: 0.57lbs



■ **Application**



# T8 LED Quick-Kit 4FT (18W Per Tube)

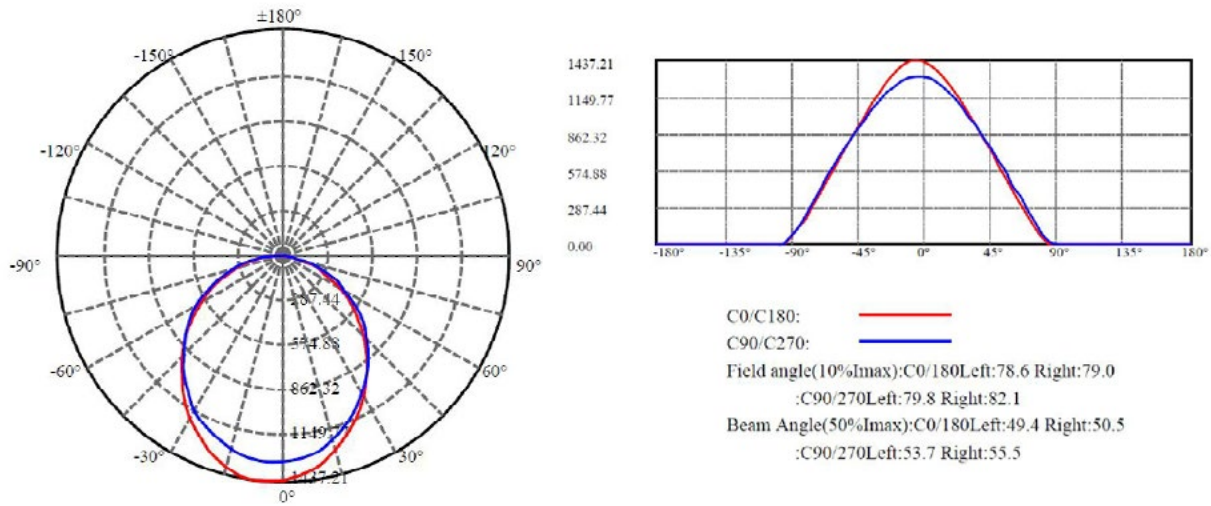
## Ordering Information

Example: T818D30EX2G-FW12

Size	Watts	Dimmable	CCT	One Driver with Tubes	Cap	Lens Type	Length
T8	18W - 18W/Tube	D - 0-10V dimmable	30 - 3000K	EX2 - one driver with two tubes	G - G13	FW - Frost White	12 - 4FT
			35 - 3500K	EX3 - one driver with three tubes			
			40 - 4000K	EX4 - one driver with four tubes			
			50 - 5000K				

## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.





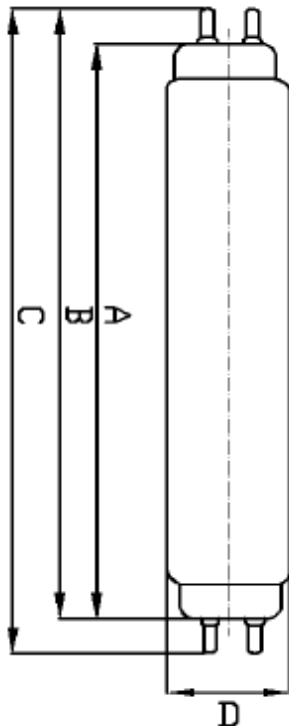
■ **FEATURES**

1. High efficacy >140lm/W
2. Compatible most of the FLT8 ballasts in the marketing
3. Full glass housing: No Distortion, No Yellowed, No Embrittled, Great Stability
4. Beam angle >160°
5. Normal quick shipping for 4000K and 5000K
6. R9>20

■ **Performance**

Input Watts	11.5	15
Input Voltage	Compatible with electronic ballast	Compatible with electronic ballast
Output Lumens (@5000K)	1800	2200
Replaces (FL)	32W T8	32W T8
Lumen Per Watt	145	140
Color Accuracy (CRI)	>82	>82
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated

■ **Dimensions & Weight**



- Max Length A: 47.22"
- Max Length B: 47.50"
- Max Length C: 47.78"
- Max Width D: 1.02"
- Max. Weight: 0.40 lbs



# LED Compatible T8 Glass Tube

## ■ Application



## ■ Ordering Information Example: T811409-FW12-GL

Size	Watts	CCT	Compatible	Lens Type	Length	Glass Tube
T8	11 - 11.5 Watts	40 - 4000K	9	FW - Frost White <sup>1</sup>	12 - 4FT	GL
	15 - 15 Watts	50 - 5000K				

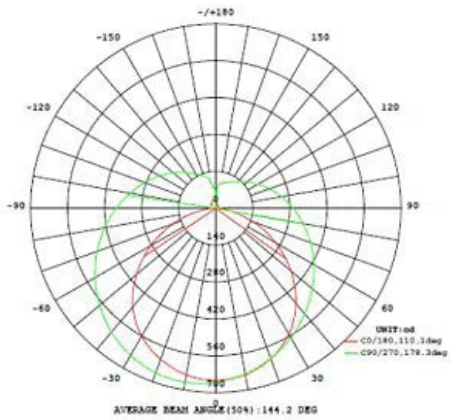
Notice:

1. Standard Finish as Frost White

\* Special Order as other finish color - Please Ask Customer Service for Details.

## ■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.





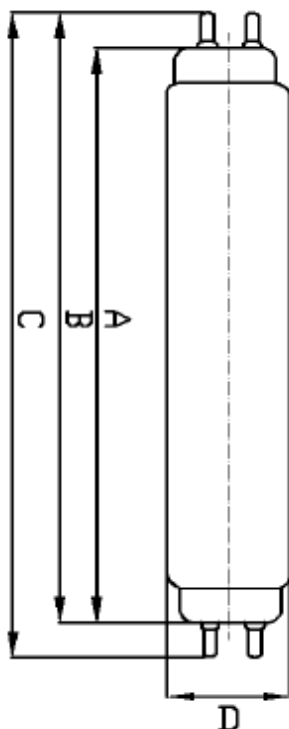
■ **FEATURES**

1. High efficacy >140lm/W
2. By pass the ballasts
3. Full glass housing: No Distortion, No Yellowed, No Embrittled, Great Stability
4. Beam angle >160°
5. Normal quick shipping for 4000K and 5000K
6. R9>20

■ **Performance**

Input Watts	11.5	15
Input Voltage	120-277	120-277
Output Lumens (@5000K)	1800	2200
Replaces (FL)	32W T8	32W T8
Lumen Per Watt	145	140
Color Accuracy (CRI)	>82	>82
Working Temperature	-4-104°F (-20-40°C)	-4-104°F (-20-40°C)
IP Rating	IP20 Rated	IP20 Rated

■ **Dimensions & Weight**



- Max Length A: 47.22"
- Max Length B: 47.50"
- Max Length C: 47.78"
- Max Width D: 1.02"
- Max. Weight: 0.68 lbs

## ■ Application



## ■ Ordering Information Example: T811401-FW12-GL

Size	Watts	CCT	AC Direct Wire	Lens Type	Length	Glass Tube
T8	11 - 11.5 Watts	40 - 4000K	1	FW - Frost White <sup>1</sup>	12 - 4FT	GL
	14 - 14.5 Watts	50 - 5000K				

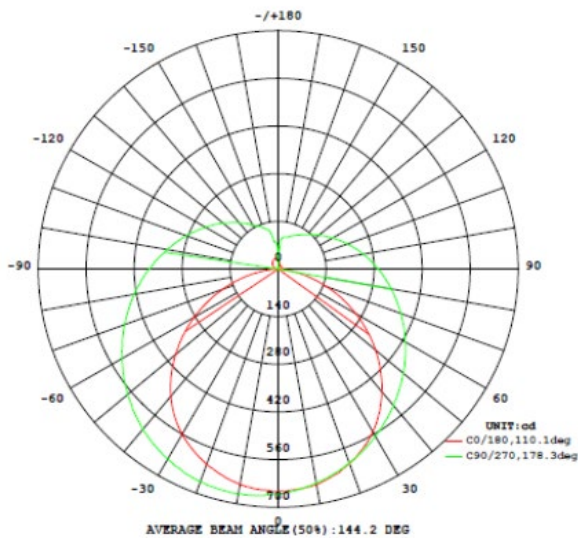
Notice:

1. Standard Finish as Frost White

\* Special Order as other finish color - Please Ask Customer Service for Details.

## ■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.





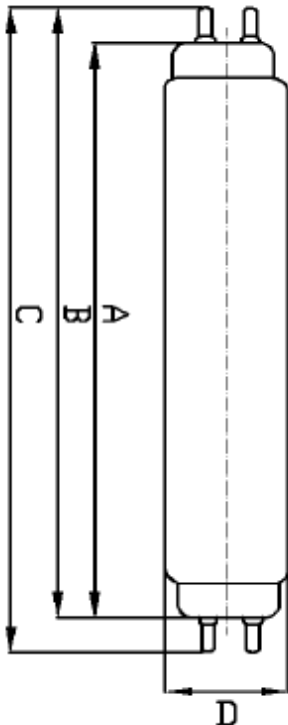
■ **FEATURES**

1. High efficacy >140lm/W
2. Compatible most of the HO T5 ballast in the marketing
3. Full glass housing: No Distortion, No Yellowed, No Embrittled, Great Stability
4. Beam angle >160°
5. Normal quick shipping for 4000K and 5000K
6. R9>20

■ **Performance**

Input Watts	25
Input Voltage	Compatible with HO ballast
Output Lumens (@5000K)	3500
Replaces (FL)	54W T5
Lumen Per Watt	140
Color Accuracy (CRI)	>82
Working Temperature	-4-104°F (-20-40°C)
IP Rating	IP20 Rated

■ **Dimensions & Weight**



- Max Length A: 45.24"
- Max Length B: 45.52"
- Max Length C: 45.79"
- Max Width D: 0.63"
- Max. Weight: 0.25 lbs

# Compatible T5 Tube (Glass)

## ■ Application



## ■ Ordering Information Example: T525409-FW12-GL

Size	Watts	CCT	Compatible	Lens Type	Length	Glass Tube
T5	25 - 25 Watts	40 - 4000K 50 - 5000K	9	FW - Frost White <sup>1</sup>	12 - 4FT	GL

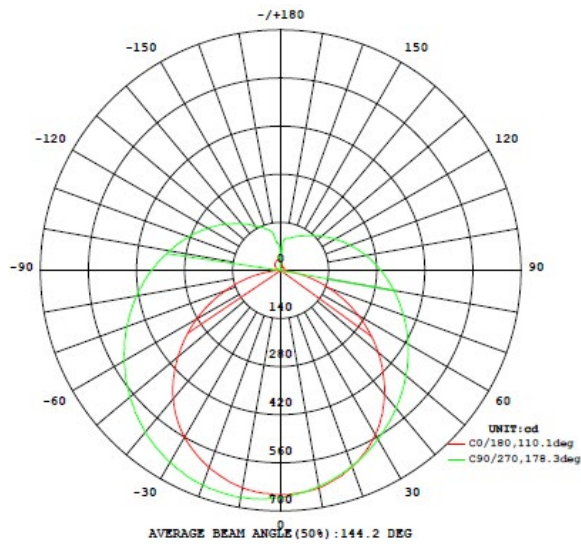
Notice:

1. Standard Finish as Frost White

\* Special Order as other finish color - Please Ask Customer Service for Details.

## ■ Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Note: Please visit our website for more details.







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