



# PTB Series

LED Post Top



# PTB

## LED POST TOP



Colonial style LED Post Top provides the traditional aesthetic of an old-style lantern with the versatility, wattage & CCT selectable technology. The LED Post Top Colonial is a commercial-grade luminaire constructed of durable die-casting aluminum and finished with long-lasting protective powder coat paint. Fasteners are stainless-steel, captive, and tool-less.

This LED post top light will be mounted on poles and located in roadways, pathways, parking lots, and commercial and educational campuses. commercial and educational campuses.

# PTB SERIES

## LED Post Top

### Photocell Option

switch on the lamp at dusk and off at dawn with sufficient ambient light.

### Upper Housing

Die-casting aluminum alloy, Waterproof IP 65 rated & standard Black Powder coating finish for rust-proof

### Motion Sensor

With its signature 3-step dimming function, it is perfect for use in areas that require a light change notice before optionally switching off the light.

### Metal Frame

One-piece-die-casting aluminum alloy frame for impact-resistance. Standard Black Powder coating finish for rust-proof

### Mount Screw

Stainless steel Hex Socket Head Cap Screws



### Slide Switch

(Wattage & CCT Selectable)



### LED Driver

- UL Listed
- 100-277vac
- Meanwell/Sosen
- Power & CCT Tunable available
- 4/6 KV Surge Protection

### LED Module

1. LM 80 High efficacy of SMD LED chips.
2. High efficacy LED boards with dual copper cladding for thermal dissipation

### Diffuser

1. Frosty or Clear for options
2. Glass or PC plastic cover for option

### Mount Bracket

Die-casting aluminum alloy, & Powder coating finish for rust-proof

### Mount Base

Match with Diameter 2 3/8" or 3" of pole



## LED POST TOP LIGHT (G3)

DLC QPL | CCT S & Power Selectable | Photocell

Catalog#	Type
Comment	
Project	Date

### DESCRIPTION

Lightide Post Top LED lights feature new led module design. You can select the power and CCT on-site freely as per your request through two slide switches. Powder-coating finish especially is suitable for outdoor corrosion and wet/damp location. DLC qualification and 5 years warranty keep better quality and long term after-sales service. The luminaire can be installed for garden, road, parking lot lighting, square and others.



### CONSTRUCTION & MATERIALS

Housing	Die-casting Aluminum
Diffuser	Tempered glass /PC, Frosty or Clear
Frame	One-Piece-Die-Casting aluminum alloy
Finish	Black Polyester powder-coated finish
Heat Sink	LED Module Design
Waterproof	IP 65 Rated
Installation	For Ø2 3/8" or Ø3" of pole

### OPTICAL & CONTROL SYSTEM

Light Efficacy	100~120 LPW
CCT	3000K, 4000K, 5000K, 5700K
Selectable	30K-40K-50K Tunable, 30W-50W-80W Tunable
Distribution	Type III, IV, V
Dusk-Dawn	Photocell Available
Motion Sensor	Microwave Bi-lever Available
Installation	Standard Ø2 3/8" of pole (Ø3" Available)

### ELECTRICAL SYSTEM

Input Voltage	100-277vac, 200-480vac
Lists	DLC, ETL/cETL, CE/RoHS
Surge Device	6KV

### WARRANTY & STANDARD

Warranty	5 years
Standard	UL 924, UL 1598, CAN/CSA -C.22.2 NO. 250.0, EN61347-1, EN61347-2-13, EN 60598



### DATA SHEET

Model#	LT-PTB30	LT-PTB50	LT-PTB60	LT-PTB50CP (T)	LT-PTB80	LT-PTB100	LT-PTB100CP (T)	LT-PTB120
Rated	30W	50W	60W	30W-50W-80W Tunable	80W	100W	80W-100W-120W Tunable	120W
Lumen Output	3,525 lm	5,712 lm	6,900 lm	3,525-9,209 lm	9,209 lm	11,340 lm	9,290-13,489 lm	13,489 lm
Input Voltage	100-277VAC	100-277VAC	100-277VAC	100-277VAC	100-277VAC	100-277VAC	100-277VAC	100-277VAC
Power Factor	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90
Color Temperature	3000K, 4000K, 5000K	3000K, 4000K, 5000K	3000K, 4000K, 5000K	3000K/4000K/5000K Selectable	3000K, 4000K, 5000K	3000K, 4000K, 5000K	3000K/4000K/5000K Selectable	3000K, 4000K, 5000K
CRI	>80	>80	>80	>80	>80	>80	>80	>80
Beam Angle	Type III, IV, V	Type III, IV, V	Type III, IV, V	Type III, IV, V	Type III, IV, V	Type III, IV, V	Type III, IV, V	Type III, IV, V
L70	>50,000 hrs	>50,000 hrs	>50,000 hrs	>50,000 hrs	>50,000 hrs	>50,000 hrs	>50,000 hrs	>50,000 hrs
Operating Temp.	-20°F to 104°F	-20°F to 104°F	-20°F to 104°F	-20°F to 104°F	-20°F to 104°F	-20°F to 104°F	-20°F to 104°F	-20°F to 104°F

### ORDER INFORMATION

Sample Number: LT-PTB50CPT-HV-30K-MS-T3-CR

Com.	Series	Wattage	CCT	Input Voltage	Control Mode	Light Distribution	Diffuser
LT	PTB	30 30W 50 50W 60 60W 80 80W 100 100W 120 120W 50CP 30W-50W-80W Tunable 100CP 80W-100W-120W Tunable	30K 3000K 40K 4000K 50K 5000K 57K 5700K T 30K-40K-50K Selectable	Blank 100-277VAC HV 200-480VAC	DM 0-10VDC Dim PC Photocell MS Motion Sensor EM Emergency Kit	Blank Type V T3 Type III T4 Type IV	Blank Frosty Glass CG Clear Glass PD PC Diffuser ND No Diffuser

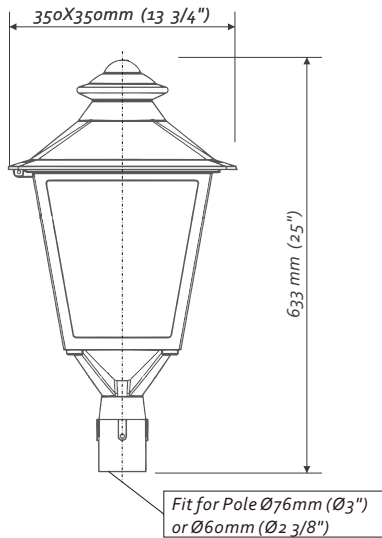
# PTB LED POST TOP LIGHT (G3)

DLC QPL | CCT 5 & Power Selectable | Photocell

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## DIMENSION

### MODEL# LT-PTB Series



## DIFFUSER OPTION

### Frosty Glass Diffuser



### Clear Glass Diffuser



### Frosty PC Diffuser



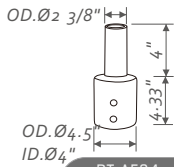
## PACKAGE

Model#	QTY / CTN	N. W. / CTN	G. W. / CTN	Carton Size
LT-PTB30/50 LT-PTB60/80	1 piece	11.2 Kg (25.00 IBS)	12.5 Kg (27.56 IBS)	43x43x54 cm
LT-PTB100/120	1 piece	11.5 Kg (25.40 IBS)	13.2 Kg (29.10 IBS)	43x43x54 cm

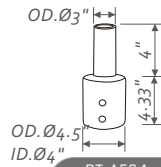
## MOUNT ADAPTER

Depending on the type of light, you may need to have the right mounting-option available too. You can also buy Tenon Adaptor, Bullhorns and Spoke from us, suitable for wooden, metallic, or concrete poles - square or round.

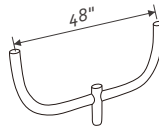
### Bullhorn Style



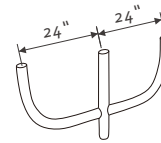
PT-AE24  
Tenon



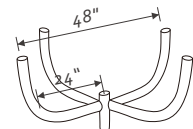
PT-AE34  
Tenon



RPB04L2V  
Twin Bullhorn

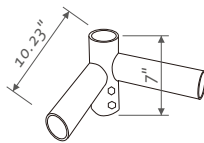


RPB04L3V  
Triple Bullhorn

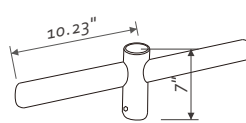


RPB04L4V  
Quad Bullhorn

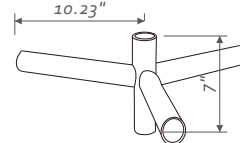
### Spoke Style



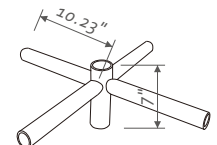
RPS04T2V  
Twin Spoke



RPS04T2H  
Twin Spoke



RPS04T3H  
Triple Spoke



RPS04T4H  
Quad Spoke

## DLC CATEGORIES

Model#	Product ID	Input Voltage	Input Wattage	Lumen Output	CCT	CRI (Ra)	DLC Family Code
LT-PTB50-30K	PFJJC1HR	100-277 VAC	47W	4710 lm	3000K	80	WWWBPH
LT-PTB50-40K	PXXZ1X36	100-277 VAC	47W	4800 lm	4000K	80	WWWBPH
LT-PTB50-50K	PTPWARD5W	100-277 VAC	47W	5100 lm	5000K	80	WWWBPH

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Catalog#

Type

Comment

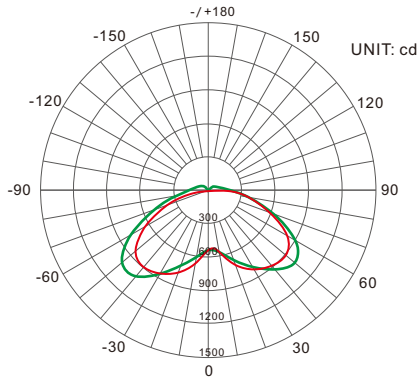
Project

Date

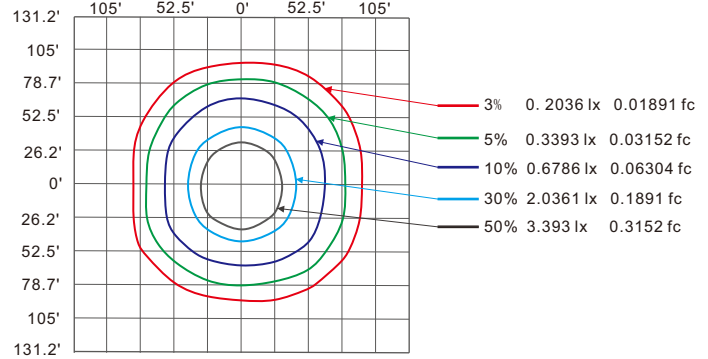
### PHOTOMETRICS

**MODEL# LT-PTB50**  
Type V,  
51W, 4,817 lm (froty)  
51W, 5,712 lm (clear)

— V 0.0 DEG PLAN 162.2  
— H 0.0 DEG PLAN 165.0



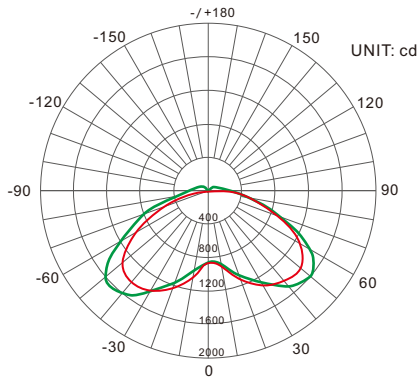
AVERAGE BEAM ANGLE (50%): 163.6 DEG.



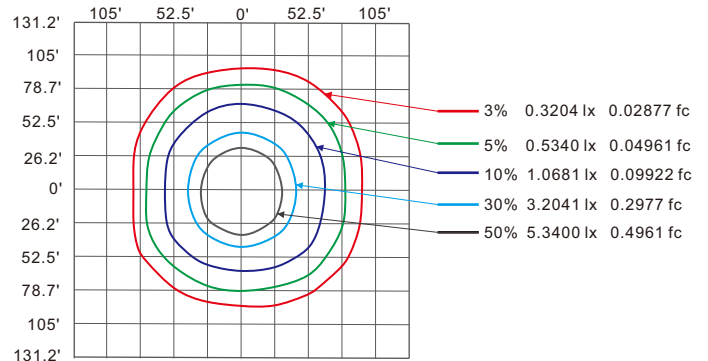
MOUNT HEIGHT 30' (10M)

**MODEL# LT-PTB80**  
Type V,  
80W, 7,581 lm (froty)  
81W, 9,209 lm (clear)

— V 0.0 DEG PLAN 162.2  
— H 0.0 DEG PLAN 165.0



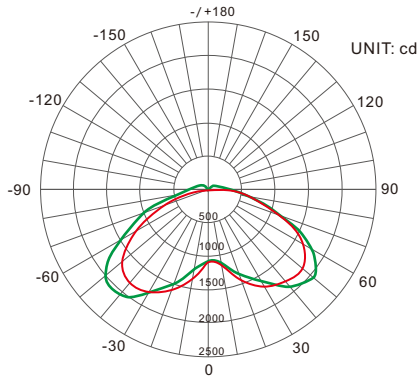
AVERAGE BEAM ANGLE (50%): 163.6 DEG.



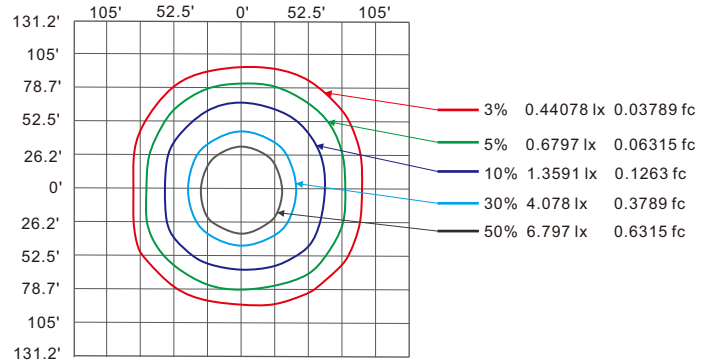
MOUNT HEIGHT 30' (10M)

**MODEL# LT-PTB100**  
Type V,  
103W, 9,647 lm (froty)  
101W, 11,340 lm (clear)

— V 0.0 DEG PLAN 162.2  
— H 0.0 DEG PLAN 165.0



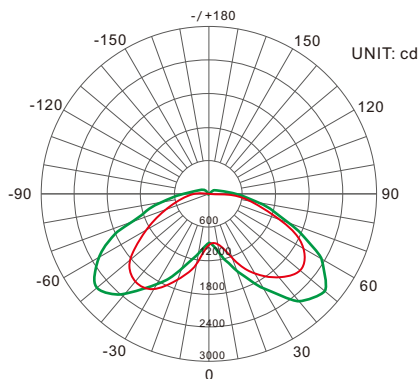
AVERAGE BEAM ANGLE (50%): 163.6 DEG.



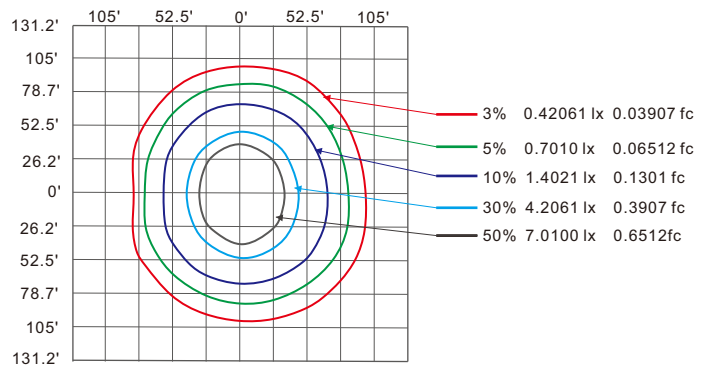
MOUNT HEIGHT 30' (10M)

**MODEL# LT-PTB120**  
Type V,  
120W, 11,154 lm (froty)  
121W, 13,489 lm (clear)

— V 0.0 DEG PLAN 171.5  
— H 0.0 DEG PLAN 178.4



AVERAGE BEAM ANGLE (50%): 175 DEG.



MOUNT HEIGHT 30' (10M)

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### ACCESSORY

#### Photocell Optional



- Standard Three-Prong Twist Lock Photocell
- Automatically turn on and off, dusk to dawn
- DAYLIGHT (AMBIENT LIGHT THRESHOLD) ADJUSTABLE:  
10lux / 30lux / 50lux / 100lux / 150lux / 200lux / 300lux / Disable

#### CCT & Power Selectable Optional



3 different wattage and CCT settings in the field with two simple slide switches, such as 30W-50W-80W, 3000K-4000K-5000K.

This flexible choice capability allows for a cost-effective method to reduce stocking inventory by 88%.

#### Motion Sensor Optional

#### Remote Controller



#### DAYLIGHT (ON/OFF)

- Stand-by period adjustable: 1min / 30min / 1h / infinity 0% / 20% / 30% / 50%
- Holding Time adjustable: 5s / 1min / 5min / 10min / 15min / 20min / 30min / 1h

### INSTALLATION

LED post light fixtures are installed on top of poles and have a Type III, Type IV, or Type V distribution that lights up the area around the pole. The prerequisite of the best outdoor area & site lighting needs to consider the distribution types and patterns imposed by the Illuminating Engineering Society of North America (IESNA). In order not to light with wrong direction after installed, below show correct light direction for type III, IV and V lenses.

