

Project		Date
Type		
Model		

## Features & Benefits

### 01. HOUSING

- Die cast aluminum housing.
- Modular design allows for easy installation, replacement and maintenance.
- This design also creates a chimney effect which provides exceptional thermal management.
- IK08 rated.
- Meets 3G vibration per ANSI C136.31-2010

### 02. FINISH

- Corrosion resistant polyester powder painted 100µm thickness.
- Meets a 1000-hour salt spray certification per ASTM B117/ ISO 9227:2012.
- Standard colors: Silver, Black, Bronze and White.
- Customized colors are available.

### 03. LED / OPTICAL ASSEMBLY / IDA

- Each PCB are mounted with a TVS (Transient Voltage Suppressors) to protect the LEDs from voltage transients induced by lightning and other transient voltage events.
- High-uniformity LED optics are constructed of durable optical polycarbonate that is impact and UV resistant.
- The metal plate provides double protection for the LED light engine and prolongs LED optics life.
- Over 20 optical lenses are available for virtually any application.
- Each LED module are 100% tested prior to assembly which is IP67 rated.
- *IDA Certification requires 30K CCT or lower and for fixture to be fixed mount at 90°*

### 04. MOUNTING

- Side-entry or post-top mounting.
- Slipfitter with +/- 20 degree of adjustment for leveling.
- Standard mounting diameter is 2-3/8" (60mm), custom adapters are available for smaller diameters.
- Bracket options are available for variety of applications.

### 05. ELECTRICAL / KEY COMPONENTS / CONTROLS

- 120-277VAC and 347-480VAC available.
- Surge protection to 20kV/10kA per ANSI/IEEE C62.41.2-2002 available.
- High quality LEDs, driver and components, e.g. MOLEX, WAGO connectors.
- Multiple lighting control options are available, e.g. DALI, 1-10V.
- 3-pin/ 5-pin/ 7-pin photocell are available for light level adjustments.

## LOC Series LED Area Light



Horizontal Tenon Mount

Pole-Top Mount

## ORDER INFORMATION

EXAMPLE: LOC-16-150W-40K-3M1-Y-SV



Series	Mount	Wattage	CCT	Optics	Voltage	Finish
LOC	16=Slip Fitter	30W 60W 90W 120W 150W 180W 210W 240W 270W 300W	30K = 3000K 40K = 4000K 50K = 5000K	2M1 T5U 3M1 T5V 3L1 T5W 4M1 T5S 4S1 T5X 5M1 T5D 5L1	Y = 120-277V  HV = 347-480V**	SV = Silver BZ = Bronze** BK = Black** WH = White**

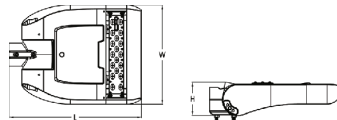
Enter configuration:

\*\* Special Order

## LOC Series Dimensions / Performance



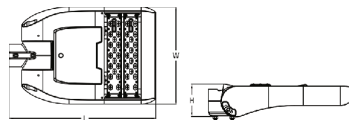
Model	<b>LOC-30</b>	Net Weight	6.13kg(13.51lbs)
LED Modules	1	Gross Weight	6.94kg(15.30lbs)
LEDs	18	Product Dimensions	18.23"x13.58"x4.57"
EPA(sq.ft.)	0.72	Carton Dimensions	20.67"x16.34"x6.89"



Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
LOC-30	31W	120-277VAC	530mA	3,627 lm	4,030 lm	130



Model	<b>LOC-60 / LOC-80 (347-480V)**</b>	Net Weight	7.09kg(15.63lbs)
LED Modules	2	Gross Weight	8.12kg(17.90lbs)
LEDs	36	Product Dimensions	20.59"x13.58"x4.57"
EPA(sq.ft.)	0.783	Carton Dimensions	23.03"x16.34"x6.89"

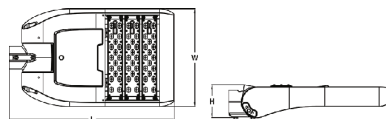


Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
LOC-60	61W	120-277VAC	530mA	7,247 lm	8,052 lm	132
LOC-80**	78W	347-480VAC**	700mA	8,986 lm	9,984 lm	128

\*\* Special Order / Motion Sensor option NOT available



Model	<b>LOC-90 / LOC-118 (347-480V)**</b>	Net Weight	8.02kg(17.68lbs)
LED Modules	3	Gross Weight	9.24kg(20.37lbs)
LEDs	54	Product Dimensions	22.95"x13.58"x4.57"
EPA(sq.ft.)	0.846	Carton Dimensions	25.39"x16.34"x6.89"

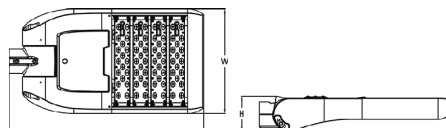


Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
LOC-90	87W	120-277VAC	530mA	10,571 lm	11,745 lm	135
LOC-118**	118W	347-480VAC**	700mA	13,806 lm	15,340 lm	130

\*\* Special Order / Motion Sensor option NOT available



Model	<b>LOC-120 / LOC-160 (347-480V)**</b>	Net Weight	8.71kg(19.20lbs)
LED Modules	4	Gross Weight	9.84kg(21.69lbs)
LEDs	72	Product Dimensions	25.31"x13.58"x4.57"
EPA(sq.ft.)	0.912	Carton Dimensions	27.76"x16.34"x6.89"

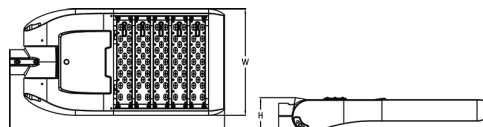


Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
LOC-120	110W	120-277VAC	530mA	13,365 lm	14,850 lm	135
LOC-160**	156W	347-480VAC**	700mA	18,252 lm	20,280 lm	130

\*\* Special Order / Motion Sensor option NOT available



Model	<b>LOC-150 / LOC-200 (347-480V)**</b>	Net Weight	9.47kg(20.88lbs)
LED Modules	5	Gross Weight	10.73kg(23.66lbs)
LEDs	90	Product Dimensions	27.68"x13.58"x4.57"
EPA(sq.ft.)	0.977	Carton Dimensions	30.12"x16.34"x6.89"



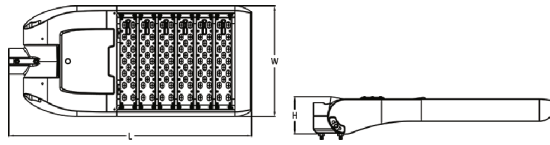
Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
LOC-150	141W	120-277VAC	530mA	17,132 lm	19,035 lm	135
LOC-200**	196W	347-480VAC**	700mA	22,932 lm	25,480 lm	130

\*\* Special Order / Motion Sensor option NOT available

## LOC Series Dimensions / Performance

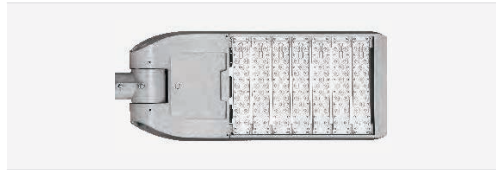


Model	<b>LOC-180 / LOC-240 (347-480V)**</b>	Net Weight	10.98kg(24.21lbs)
LED Modules	6	Gross Weight	12.35kg(27.23lbs)
LEDs	108	Product Dimensions	30.04"x13.58"x4.57"
EPA(sq.ft.)	1.046	Carton Dimensions	32.48"x16.34"x6.89"

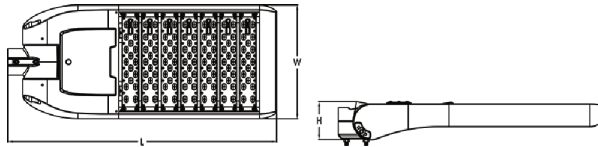


Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
LOC-180	172W	120-277VAC	530mA	20,898 lm	23,220 lm	135
LOC-240**	234W	347-480VAC**	700mA	27,378 lm	30,420 lm	130

\*\* Special Order / Motion Sensor option NOT available

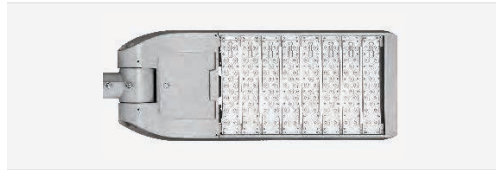


Model	<b>LOC-210 / LOC-280 (347-480V)**</b>	Net Weight	11.62kg(25.62lbs)
LED Modules	7	Gross Weight	13.0kg(28.66lbs)
LEDs	126	Product Dimensions	32.40"x13.58"x4.57"
EPA(sq.ft.)	1.115	Carton Dimensions	34.84"x16.34"x6.89"

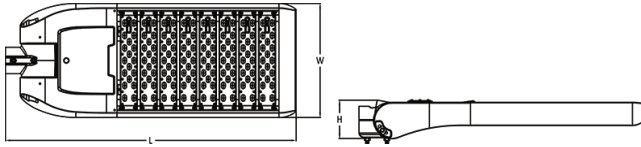


Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
LOC-210	202W	120-277VAC	530mA	24,543 lm	27,270 lm	135
LOC-280**	274W	347-480VAC**	700mA	32,058 lm	35,620 lm	130

\*\* Special Order / Motion Sensor option NOT available



Model	<b>LOC-240 / LOC-320 (347-480V)**</b>	Net Weight	12.39kg(27.32lbs)
LED Modules	8	Gross Weight	13.72kg(30.25lbs)
LEDs	144	Product Dimensions	34.76"x13.58"x4.57"
EPA(sq.ft.)	1.184	Carton Dimensions	37.20"x16.34"x6.89"

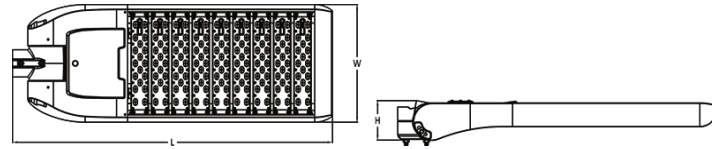


Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
LOC-240	228W	120-277VAC	530mA	27,702 lm	30,780 lm	135
LOC-320**	310W	347-480VAC**	700mA	36,270 lm	40,300 lm	130

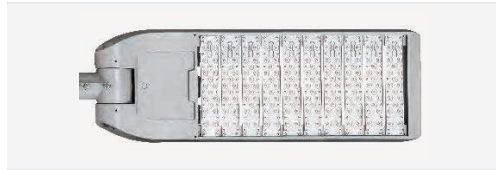
\*\* Special Order / Motion Sensor option NOT available



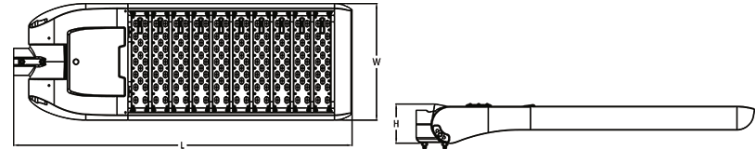
Model	<b>LOC-270</b>	Net Weight	13.06kg(28.79lbs)
LED Modules	9	Gross Weight	14.66kg(32.32lbs)
LEDs	162	Product Dimensions	37.13"x13.58"x4.57"
EPA(sq.ft.)	1.254	Carton Dimensions	39.57"x16.34"x6.89"



Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
LOC-270	256W	120-277VAC	530mA	31,104 lm	34,560 lm	135



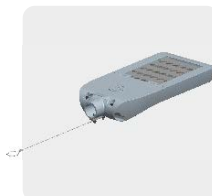
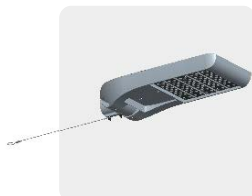
Model	<b>LOC-300</b>	Net Weight	13.73kg(30.27lbs)
LED Modules	10	Gross Weight	15.60kg(34.39lbs)
LEDs	180	Product Dimensions	39.49"x13.58"x4.57"
EPA(sq.ft.)	1.325	Carton Dimensions	41.93"x16.34"x6.89"



Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
LOC-300	296W	120-277VAC	530mA	34,385 lm	38,205 lm	135



01.Safety Cable



02.Bird Spike



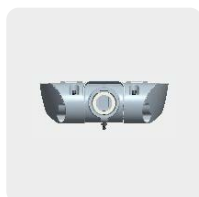
03.Tool-less Entry



04.3/5/7 -pin NEMA Receptacle+Shorting Cap/Photocell



05.Pole Tenon Adaptor

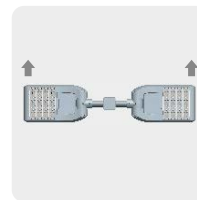




06.Square Pole Adaptor



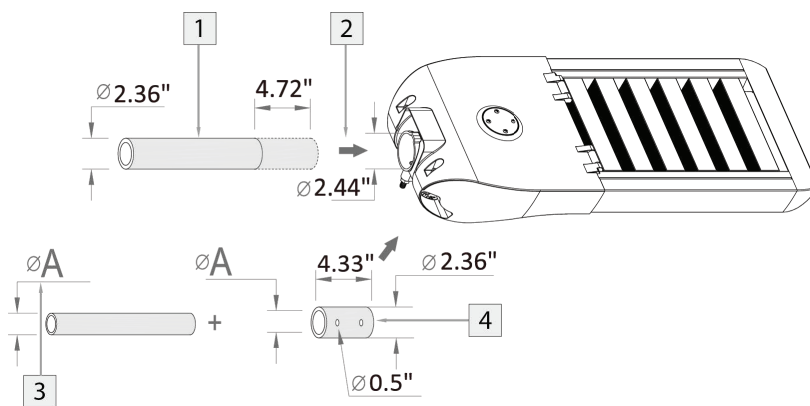
07.Left Throw & Right Throw Lens



08.Backlight Shield



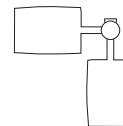
Horizontal/Vertical Tenon Mount available



Arm Mount 2 @ 180°

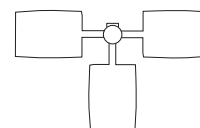


Arm Mount 2 @ 90°

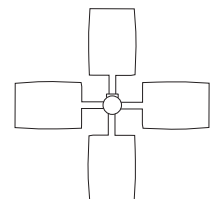


Triple 2

Arm Mount 3 @ 90°

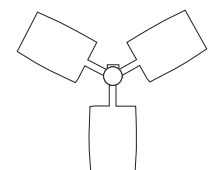


Arm Mount 4 @ 90°

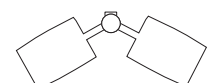


Triple 1

Arm Mount 3 @ 120°

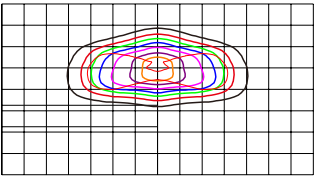


Arm Mount 2 @ 120°



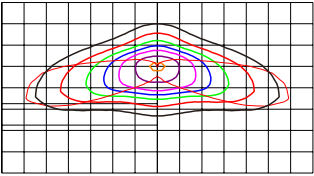
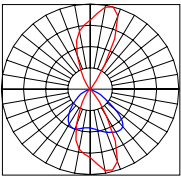


ISO Plot

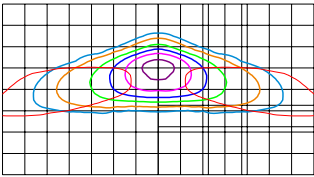
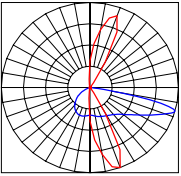


**2M1** Type II Medium

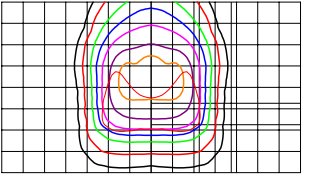
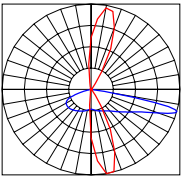
Polar Curve



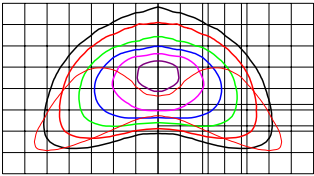
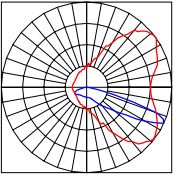
**3M1** Type III Medium



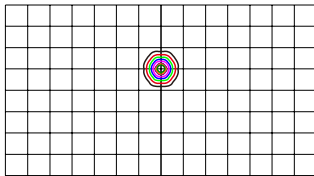
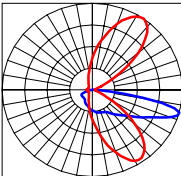
**3L1** Type III Long



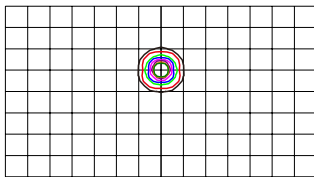
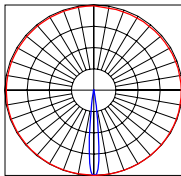
**4S1** Type IV Short



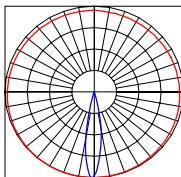
**T4M** Type IV Medium



**T5U** Average beam angle 10°

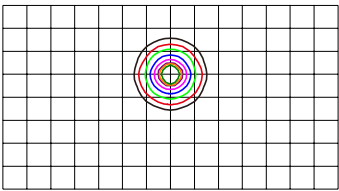


**T5V** Average beam angle 25°



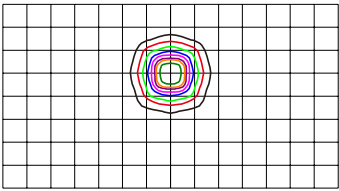
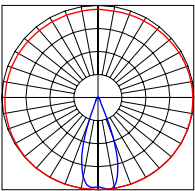


ISO Plot

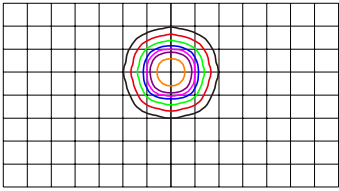
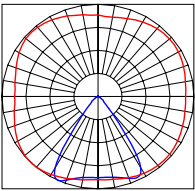


**T5W** Average beam angle 40°

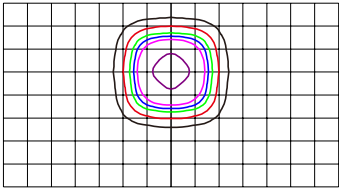
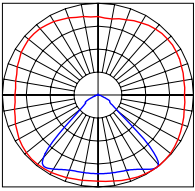
Polar Curve



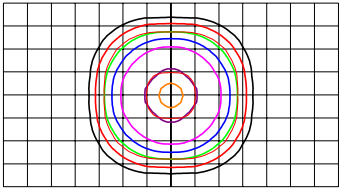
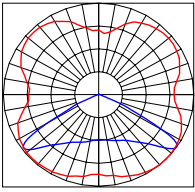
**T5S** Average beam angle 60°



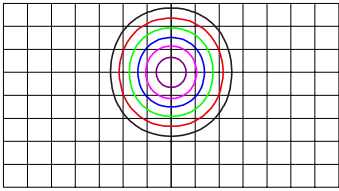
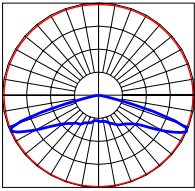
**5M1** Average beam angle 90°



**5L1** Average beam angle 120°



**T5X** Average beam angle 150°



**T5D** Diffuser

