LUMINOSO®

GLX Series 150W LED Area Light
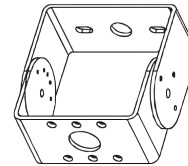
PRODUCT DESCRIPTION

The Luminoso GLX series combines modern styling with the latest LED technology. It is available in a wide variety of wattages ranging from 60 to 300 watts and either 4000K or 5000K. The versatile lumen packages make this product ideal for nearly any exterior lighting application. With up to 70% energy savings over its traditional counterparts the GLX presents the future of area lighting.
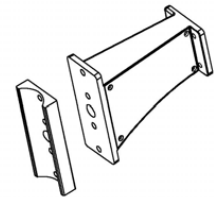
PERFORMANCE SUMMARY

Efficacy: 115 Lm/W
Delivered Light Output: 17,388 Lumens
Input Power: 150 Watts
CRI: Ra>80
CCT: 4000K / 5000K
Input Voltage: 120-277 / 347- 480 VAC**
Power Factor: >0.95 (120V)
Frequency: 50/60Hz
Standard Warranty: 5 Years
Standard Lifetime: Designed to L70 minimum 50,000 hours
Mounting: Slip Fitter / Direct Pole Mount / Tenon Mount
IP Rating: IP65 / Wet Rated
Die-cast aluminum housing
National listing lab tested with IES standards
Dimmable: 0-10V Dimming Capabilities
7 Pin Nema Receptacle

Slip fitter   **Trunnion**   **Arm**

ORDER INFORMATION

EXAMPLE: GLX-150W-Y-40K-3M-22-SV

Series	Wattage	Voltage	CCT	Optics	Mount	Finish	Control
GLX	150W	Y=120-277V	30K = 3000K	2M**	16=Slip fitter	BZ = Bronze	Blank = Shorting Cap
		HV=347-480V**	40K = 4000K	3M	21=Arm**	WH = White**	
			50K = 5000K	4M	22=Trunnion**	SV = Silver**	PC = 120-277V Photocell
				5M			

Enter configuration: _____

** Special Order / contact vendor

Series / Performance

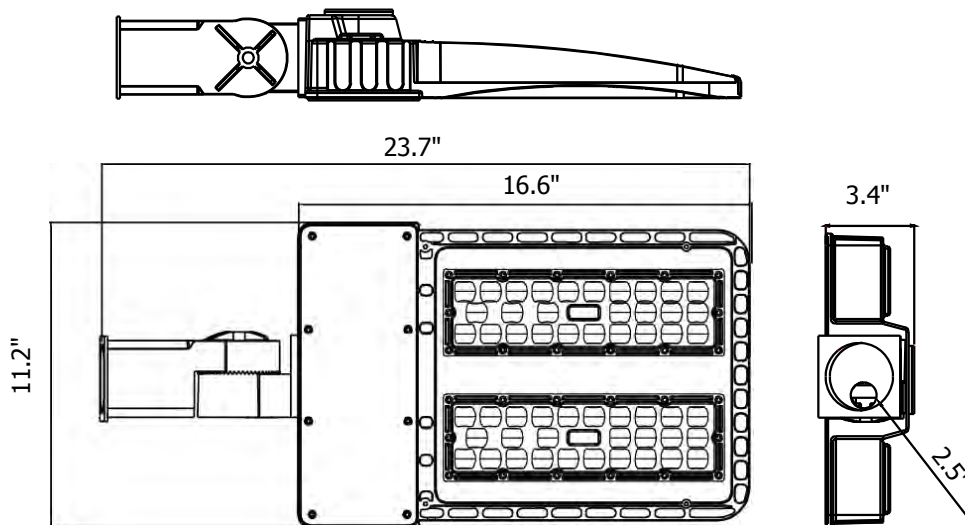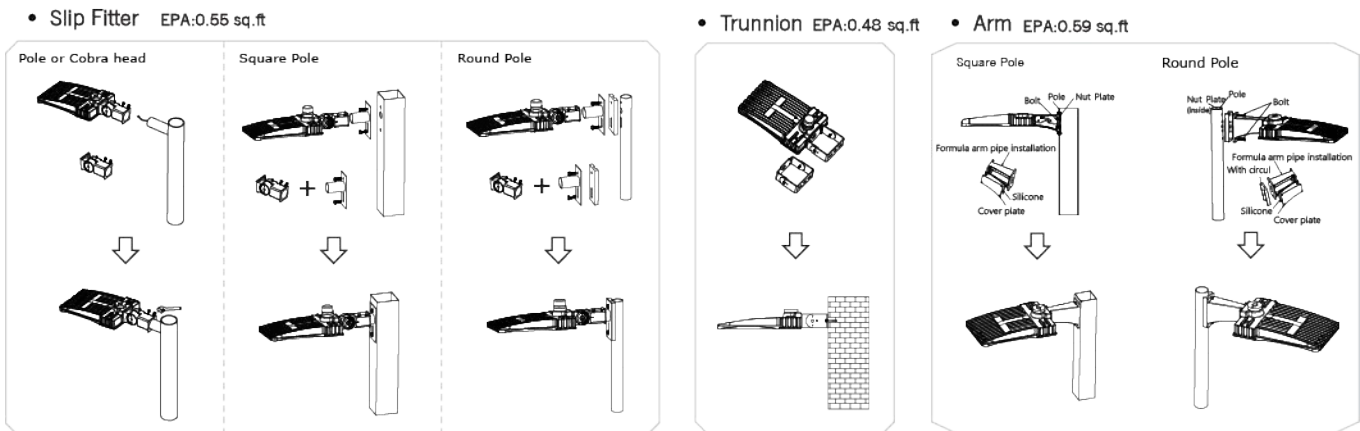| Series No.	GLX-150W		
Power	150W	LED Brightness Decay	<5%/6000 hrs
Input Voltage	AC120-277V 60Hz	Working Life	>50,000 hrs
PF	>0.95	Working Temperature	-22ºF ~ 113ºF
Driver Efficiency	>90%	Storage Temperature	-40ºF ~ 176ºF
Luminous Flux	17,388 Lm	Weight	13.2 lb
Color Temperature	3000K/4000K/5000K	IK	IK09
CRI	Ra>80	EPA	0.48-0.59 sq.ft
Lighting Angle	Type II, Type III, Type Vs	Cable	3 core,18AWG

** Special Order

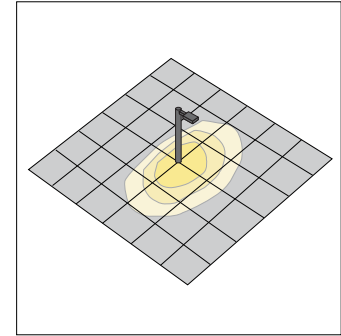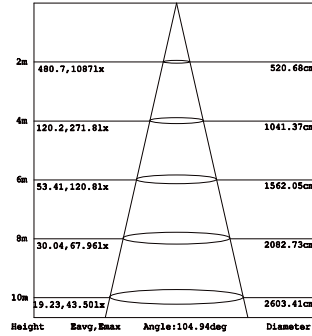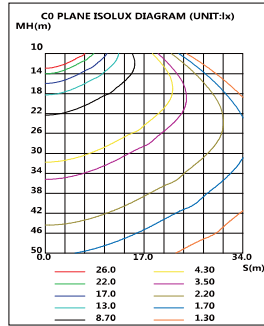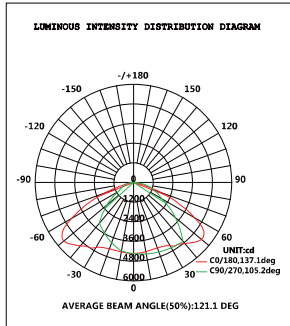** 347-480V AC Available

Dimensions

23.7"

16.6"

3.4"

11.2"

2.5"
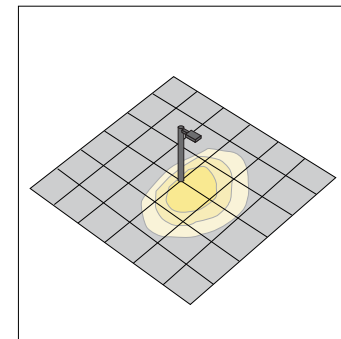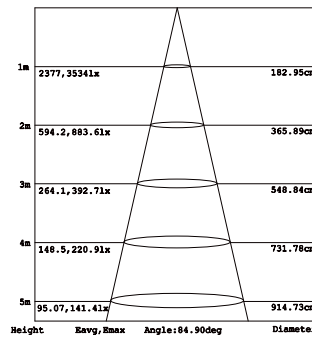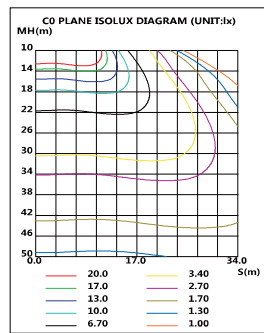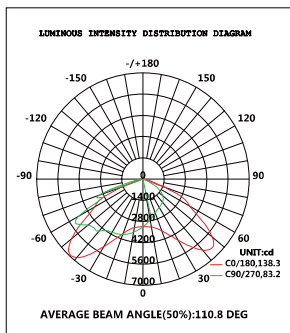
Mounting Options & Dimensions: Slip fitter / Trunnion Mount / Arm

• **Slip Fitter** EPA:0.55 sq.ft

Pole or Cobra head · Square Pole · Round Pole

• **Trunnion** EPA:0.48 sq.ft

• **Arm** EPA:0.59 sq.ft

Square Pole · Round Pole

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

• Type II

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

-/+180
-150 / 150
-120 / 120
-90 / 90
-60 / 60
-30 / 30
0

1200
2400
3600
4800
6000

UNIT:cd
C0/180,137.1deg
C90/270,105.2deg

AVERAGE BEAM ANGLE(50%):121.1 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)
MH(m)

26.0	4.30
22.0	3.50
17.0	2.20
13.0	1.70
8.70	1.30

Height	Eavg,Emax	Diameter
2m	480.7,10871lx	520.68cm
4m	120.2,271.81x	1041.37cm
6m	53.41,120.81x	1562.05cm
8m	30.04,67.961x	2082.73cm
10m	19.23,43.501x	2603.41cm

Angle:104.94deg

• Type III

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

-/+180
-150 / 150
-120 / 120
-90 / 90
-60 / 60
-30 / 30
0

1400
2800
4200
5600
7000

UNIT:cd
C0/180,138.3
C90/270,83.2

AVERAGE BEAM ANGLE(50%):110.8 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)
MH(m)

20.0	3.40
17.0	2.70
13.0	1.70
10.0	1.30
6.70	1.00

Height	Eavg,Emax	Diameter
1m	2377,35341lx	182.95cm
2m	594.2,883.61x	365.89cm
3m	264.1,392.71x	548.84cm
4m	148.5,220.91x	731.78cm
5m	95.07,141.41x	914.73cm

Angle:84.90deg

• Type V

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

-/+180
-150 / 150
-120 / 120
-90 / 90
-60 / 60
-30 / 30
0

1100
2200
3300
4400
5500

UNIT:cd
C0/180,155.8
C90/270,158.3

AVERAGE BEAM ANGLE(50%):157.1 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)
MH(m)

12.0	2.00
10.0	1.60
8.10	1.00
6.00	0.8100
4.00	0.6000

Height	Eavg,Emax	Diameter
1m	204.4,20161lx	949.07cm
2m	51.10,504.11x	1898.14cm
3m	22.71,224.01x	2847.20cm
4m	12.78,126.01x	3796.27cm
5m	8.176,80.661x	4745.34cm

Angle:156.20deg