

# ECOSENSE®

## EcoSpec® Floodlight Bullet Mini

DATE \_\_\_\_\_ TYPE \_\_\_\_\_

PROJ. \_\_\_\_\_

FIRM \_\_\_\_\_










EcoSpec® Floodlight Bullet Mini is a compact architectural floodlight and landscape luminaire offering superior binning and a full range of optical solutions. The EcoSpec Floodlight Bullet Mini is indoor and outdoor rated with a robust cast aluminum housing and glare control options that include flush, angled, or full snoots.

The EcoSpec Floodlight Bullet Mini offers field-interchangeable optical lenses in a wide range of beam angle distributions to allow for simple optical design modifications without the need to replace the entire fixture. The integral driver connects directly to AC, line voltage power, and is dimmable through ELV or TRIAC dimming hardware. This luminaire also has great flexibility with 130deg vertical aiming and 360deg horizontal rotation making it ideal for any application.

### Features:

- Dimmable: TRIAC / ELV (RP)
- Integral Driver / AC Power
- Flicker-Free
- Long Life (L70)
- Gore® Vent
- Field Interchangeable Accessory Lenses
- 360° Horizontal Rotation
- 130° Vertical Aiming

## SPECIFICATIONS

PERFORMANCE			
	Correlated Color Temperature (K)	Lumen Output / Input Power (IES Measurements)	Efficacy (lm/W)
	2700K	746 lm / 11.3W	66 lm/W
	3000K	760 lm / 11.5W	66 lm/W
	3500K	890 lm / 11.3W	79 lm/W
	4000K	920 lm / 11.4W	81 lm/W
	Color Rendering Index	Min. 80	
	Color Consistency	2 Step MacAdam Ellipse	
	Rated Life	L70>100,000 hours @ 25°C* / L70 50,000 hours @ 50°C*	
* Calculations for LED fixtures are based on measurements that comply with IES LM-80 testing procedures and IES TM-21 Calculator.			
ELECTRICAL			
	Power Consumption	10.9W Typical, 12W Maximum	
	Power Factor	Min. 0.90	
	Operating Voltage	100-120VAC, 220-240VAC, 277VAC (ETL), 50-60 Hz	
	Operating / Startup Temperature	-40°F to 122°F (-40°C to 50°C) [Storage: -40°F to 176°F (-40°C to 80°C)]	
CONTROL			
	Dimming	100-120VAC - TRIAC/ELV-RP*; 220-240VAC - TRIAC/ELV-RP*; 277VAC Non-Dim	
*ELV-RP = Electronic Low Voltage, Reverse Phase			
PHYSICAL			
	Dimensions	Dia. 4.06" x H 4.92" x L 8.78" (103mm x 125mm x 223mm)	
	Housing	Cast Aluminium; Clear Glass	
	Weight	4.4 lbs. (2.0 kg)	
	Cable	Flying Lead	
	Shielding	Optional 45° and 90° Cutoff Snoots, 360° locking rotation	
	Environment	Indoor / Outdoor; CE Certified IP66 / ETL Certified for Wet Locations	
	Beam Angle	Native: 11°x 11° / Accessory Lens: 20° / 30° / 40° / 60° / 80° / 10°x 60° / 30°x 60°	
	Mounting	1/2"NPT/M20 Threaded stem with locking nut	
FIXTURE RATING & CERTIFICATIONS			
	CE, ENEC, C-Tick Certified		
	ETL Certified		
	RoHS Compliant		
	DLC, Energy Star Certified		
<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>			
* Models rated 100-120VAC only			
WARRANTY			
	5 Year Warranty		

# ECOSENSE®

## EcoSpec® Floodlight Bullet Mini

DATE \_\_\_\_\_

TYPE

PROJ. \_\_\_\_\_

FIRM \_\_\_\_\_

### ORDERING INFORMATION

Choose the option that best suits your needs and write its corresponding code on the appropriate line to form the product code.

BUL-S	-	-	-	11
MODEL	COLOR	VOLTAGE	FINISH	OPTIC
BUL-S	27 - 2700K	120-IC - 100-120VAC*	BZ - Bronze	11 - 11° x 11°
(Small)	30 - 3000K	220-IC - 220-240VAC**	BK - Black	(Sealed Base Optic)
	35 - 3500K	277-IC - 277 VAC*	WH - White	
	40 - 4000K			
EXAMPLE: BUL-S - 40 - 120-IC - BK - 11				

#### Mounting / Wiring Notes:

##### \* 120VAC / 277VAC

- 1) Internal Cable with 8" Lead
- 2) 1/2"NPT Mounting Thread
- 3) 120/277VAC Product comes standard with one 5" Architectural Mounting Canopy in the same finish as the ordered fixture.

##### \*\* 220VAC

- 1) Internal Cable with 8" Lead
- 2) M20x1.5P Mounting Thread
- 3) 220VAC Product comes standard with one 5" Architectural Mounting Canopy in the same finish as the ordered fixture.

### ACCESSORIES

Order accessories as separate catalogue numbers in addition to the product above.

#### Shielding Options

90° Cap (Standard with base fixture)			
90° Full Snoot, Bronze	BUL-S-90S-BZ	45° Snoot, Bronze	BUL-S-45S-BZ
90° Full Snoot, Black	BUL-S-90S-BK	45° Snoot, Black	BUL-S-45S-BK
90° Full Snoot, White	BUL-S-90S-WH	45° Snoot, White	BUL-S-45S-WH

#### Optical Film Lens (Light Shaping Diffuser)

Standard Lens Distributions	Built-to-order Lens Distributions
Optical Lens 20° x 20°	BUL-S-LSD-20
Optical Lens 40° x 40°	BUL-S-LSD-40
Optical Lens 60° x 60°	BUL-S-LSD-60
Optical Lens 10° x 60°	BUL-S-LSD-10x60
	Optical Lens 30° x 30°
	BUL-S-LSD-30
	Optical Lens 80° x 80°
	BUL-S-LSD-80
	Optical Lens 30° x 60°
	BUL-S-LSD-30x60

# ECOSENSE®

## EcoSpec® Floodlight Bullet Mini

DATE \_\_\_\_\_ TYPE \_\_\_\_\_

PROJ. \_\_\_\_\_

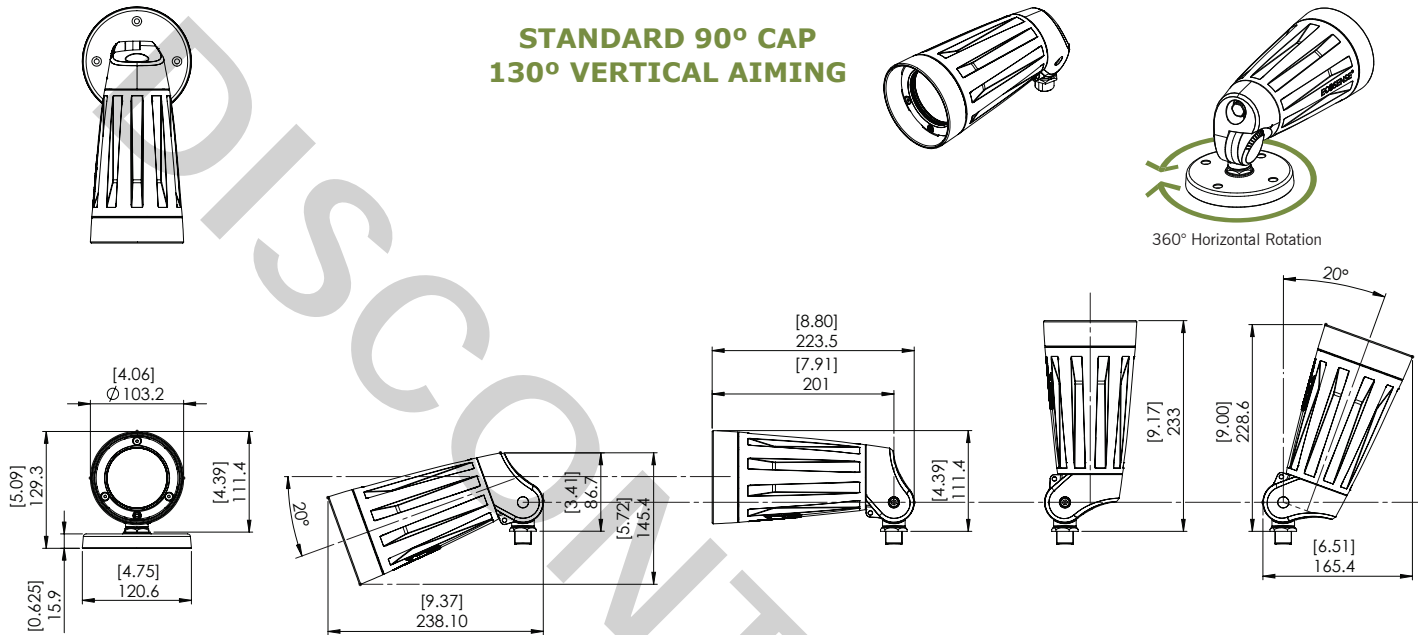
FIRM \_\_\_\_\_

### DIMENSIONS

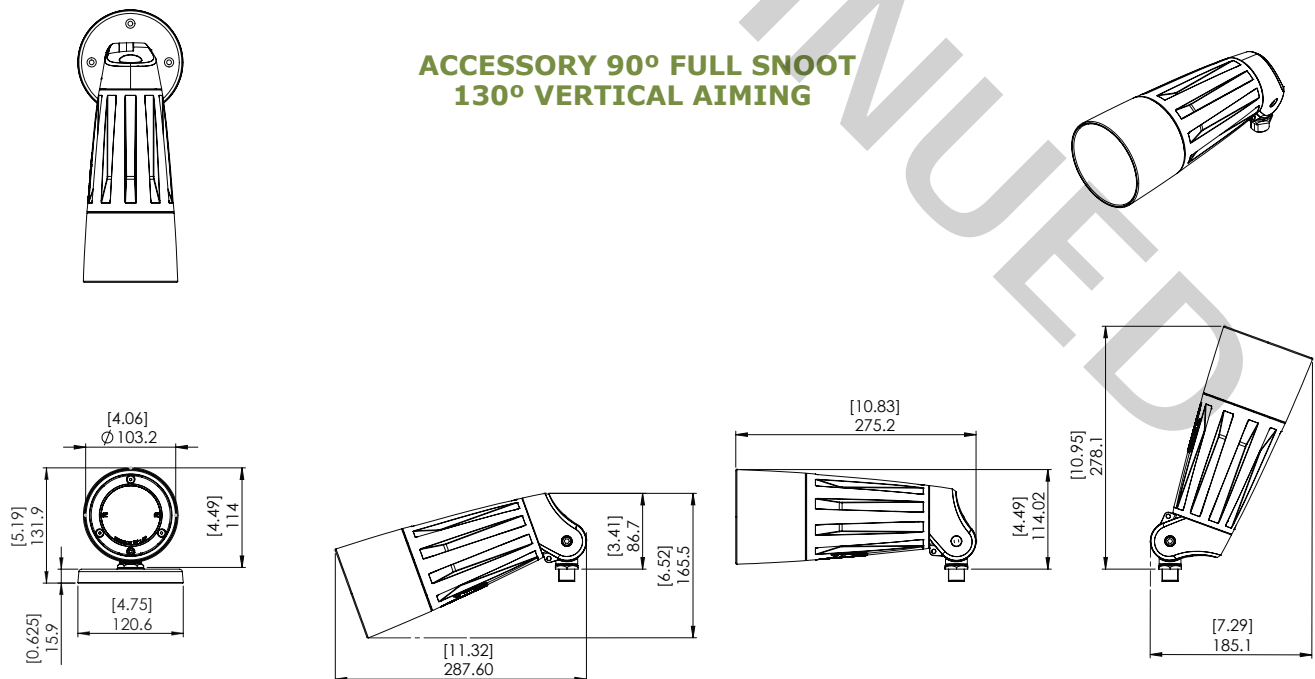
For complete dimensional submittal drawings and full scale CAD drawings, please visit [ecosenselighting.com](http://ecosenselighting.com).

DIMENSION IN  
[INCHES] / MM

#### STANDARD 90° CAP 130° VERTICAL AIMING



#### ACCESSORY 90° FULL SNOOT 130° VERTICAL AIMING



# ECOSENSE®

## EcoSpec® Floodlight Bullet Mini

DATE \_\_\_\_\_

TYPE

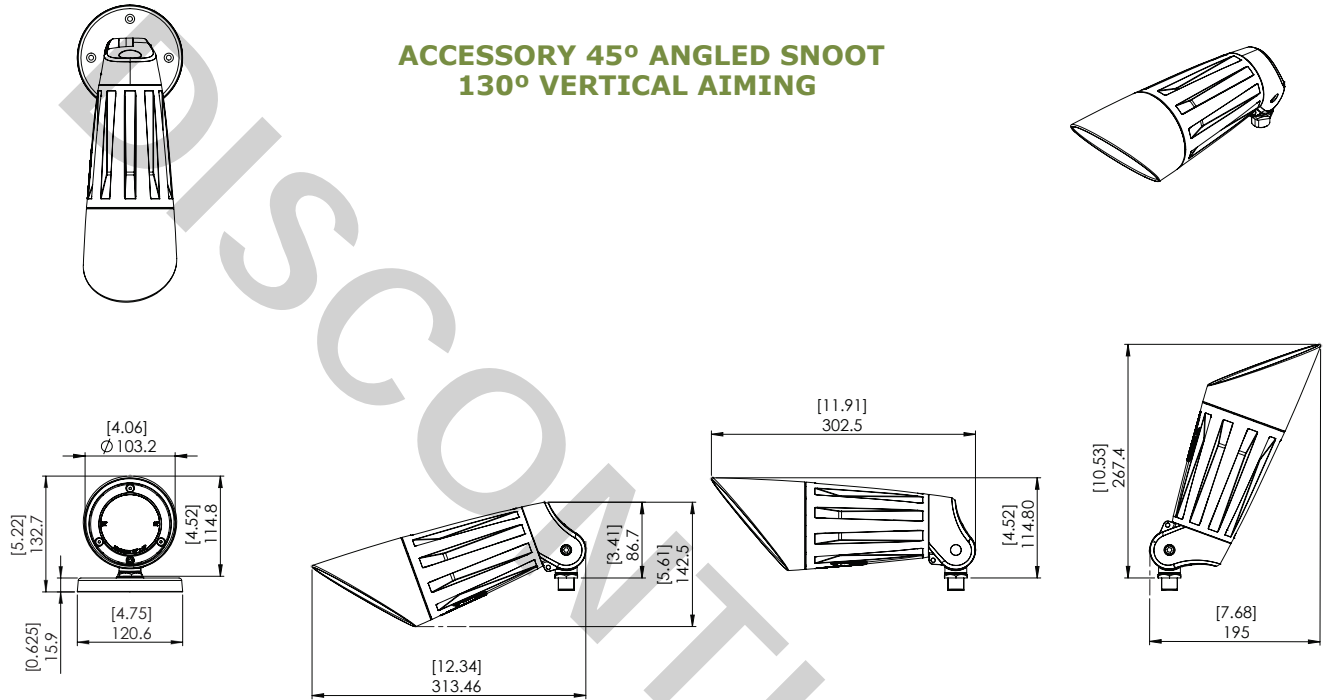
PROJ. \_\_\_\_\_

FIRM \_\_\_\_\_

### DIMENSIONS

For complete dimensional submittal drawings and full scale CAD drawings, please visit [ecosenselighting.com](http://ecosenselighting.com).

DIMENSION IN  
[INCHES] / MM



DIMENSION IN  
[INCHES] / MM

# ECOSENSE®

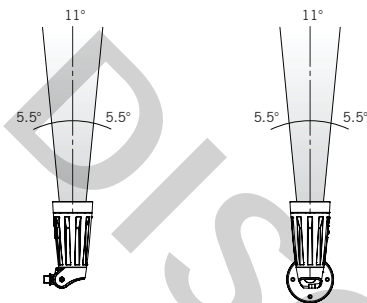
## EcoSpec® Floodlight Bullet Mini

DATE \_\_\_\_\_ TYPE \_\_\_\_\_

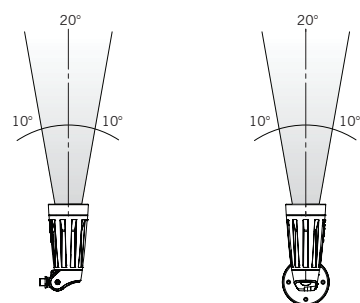
PROJ. \_\_\_\_\_

FIRM \_\_\_\_\_

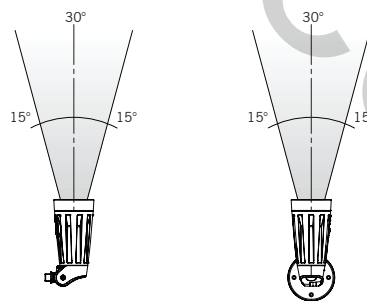
### DISTRIBUTIONS



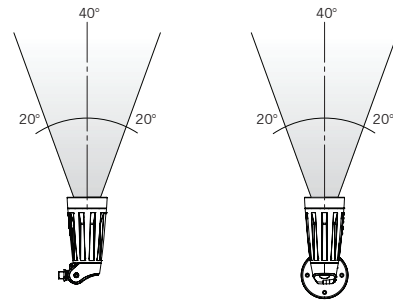
Native Distribution - Sealed within Fixture: **11° x 11°**



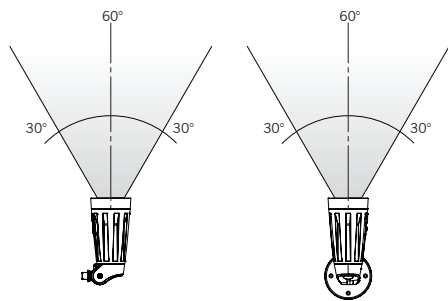
Accessory - Optical Lens: **20° x 20° # BUL-S-LSD-20**



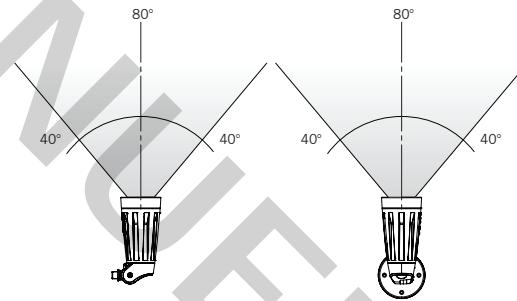
Accessory - Optical Lens: **30° x 30° # BUL-S-LSD-30**



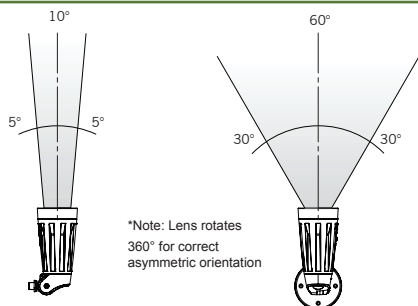
Accessory - Optical Lens: **40° x 40° # BUL-S-LSD-40**



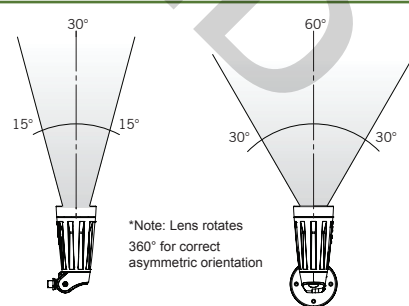
Accessory - Optical Lens: **60° x 60° # BUL-S-LSD-60**



Accessory - Optical Lens: **80° x 80° # BUL-S-LSD-80**

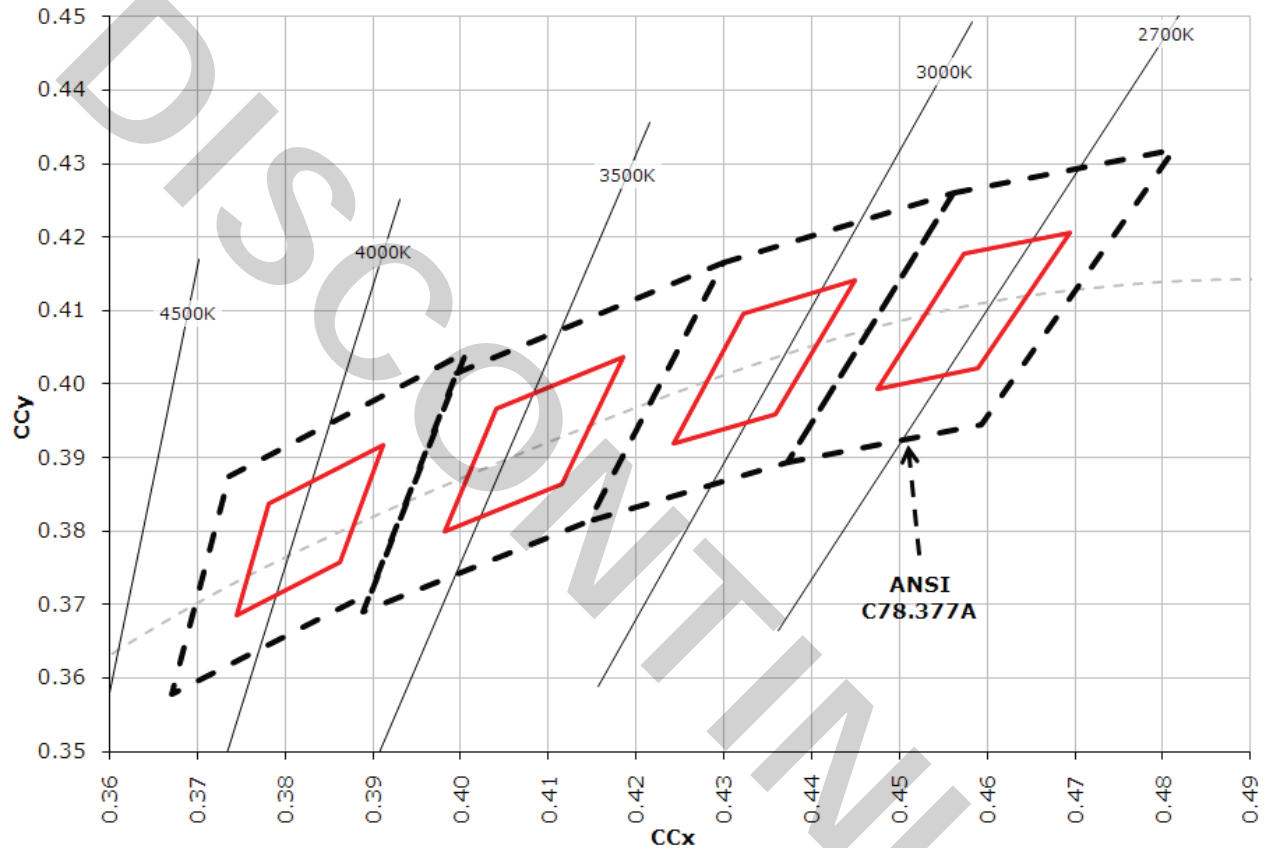


Accessory - Optical Lens\*: **10° x 60° # BUL-S-LSD-10x60**



Accessory - Optical Lens\*: **30° x 60° # BUL-S-LSD-30x60**

## COLOR CONSISTENCY



EcoSense Lighting boasts exceptional color consistency across all products as a result of strict LED binning methods. First, EcoSense works closely with LED manufacture(s) to secure LEDs from the tightest binning, selecting only LEDs that fall within a bin standard that is ¼ the size of ANSI Standard (C78.377A). Secondly, EcoSense applies an internal binning process that ensures even more reliability and even tighter LED bins for the final product. In these bins, color temperature will be maintained within 2 MacAdam Ellipse, ensuring the most consistent light quality. The result is beautiful, uniform color consistency from fixture to fixture.

# ECOSENSE®

## EcoSpec® Floodlight Bullet Mini

DATE \_\_\_\_\_ TYPE \_\_\_\_\_

PROJ. \_\_\_\_\_

FIRM \_\_\_\_\_

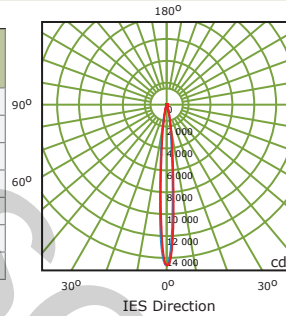
### PHOTOMETRY CHARACTERISTICS

For complete library of IES files, please visit:  
ecosenselighting.com

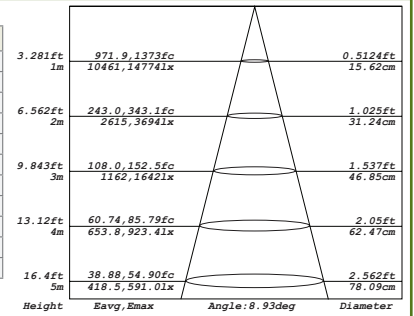
11°x 11°

2700K\*

CHARACTERISTICS: Floodlight Bullet Mini 2700K / 11°x 11°	
Total Rated Fixture Lumens	746
Total Luminaire Efficiency	100%
Total Input Watts	11.3W
Horizontal Beam Angle (50%)	9
Vertical Beam Angle (50%)	9.1
Horizontal Field Angle (10%)	22.8
Vertical Field Angle (10%)	22.8



	0	15	45	60	90
0	14687.4	14648.6	14707.2	14651.2	14728.2
5	6857.5	7054.7	7021.1	7040.3	6832
15	682.7	727.2	706.4	691.8	636.9
25	87.6	88.5	89.7	88.3	84.9
35	22.4	25.4	24	21.6	25
45	13.6	12.4	13.5	15	11.3
55	4.8	4.9	5.7	5	5.2
65	0.5	0.4	0.5	0.5	0.6
75	0.1	0	0.1	0.1	0.1
85	0	0	0	0	0
90	0	0	0	0	0



Photometrics by an independant lab in accordance with current IES published Procedures.

\* Lumen measurements comply with IES LM-79-08.

IES data is available at [www.ecosenselighting.com](http://www.ecosenselighting.com)



### LIGHTING FACTS LABELS

