

## Features

Flicker-Free  
Long Life  
Instant On  
RoHS Compliant  
Lead Free  
Mercury Free  
No UV

# EcoSpec® Mini Flood

EcoSense® EcoSpec® Landscape Mini-Flood is an indoor/outdoor, flexible wash light fixture that is ideal for lighting pathways, stairways, halls, and entrances. Add focus and drama to any landscape or architectural point of interest with these RoHS compliant, lead-free, mercury-free fixtures.

These low-maintenance, long-life LED fixtures quickly pay for themselves in energy savings and maintenance costs, providing substantial savings over the 50,000 hour lumen maintenance.



## Specifications

### Lumen Output

Warm White	470 lm (45°) / 533 lm (90°)
Neutral White	491 lm (45°) / 565 lm (90°)

### Color Temperature

Warm White	2700K
Neutral White	3500K

### Color Rendering Index

Warm White	80
Neutral White	80

### Lumen Maintenance\*

L70 50,000 hours

### Beam Angle

45°, 90°

### Power Consumption (Max)

120VAC - 12.7W  
220VAC - 12.7W

### Operating Temperature

-4°F to 104°F (-20°C to 40°C)

### Operating Voltage

100-120VAC, 220-240VAC, 50-60Hz

### Housing

Aluminum; Clear Glass

### Rating

CE Certified - IP66  
UL Certified for Wet Location

### Warranty

5 Years

### Weight

34.9 oz (990g) (Base unit only)

### Certifications



Restriction of Hazardous Substances Directive (RoHS) implements EU Directive 2002/95 which bans placing electrical and hazardous equipment that contains more than agreed levels of hazardous substances on the EU market. For a list of these substances visit [www.rohs.gov.uk](http://www.rohs.gov.uk).

\*Calculations for LED fixtures are based on measurements that comply with IES LM-80 testing procedures and IES TM-21 Calculator.

ECOSENSE®

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(V. 11.30-2012)

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

# EcoSpec<sup>®</sup>

## Mini Flood

DATE:	TYPE:
PROJECT:	
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.

ES06-MF		-	-	-	-	STD
MODEL	COLOR	VOLTAGE	OPTIC	FINISH	OPTION	
ES06-MF	27 - 2700K 35 - 3500K	120 - 100-120VAC 220 - 220-240VAC	45 - 45° x 45° 90 - 90° x 90°	WH - White BK - Black	STD - No Option	

\* **120** - Includes 1/2"NPT Mounting Threads  
**220** - Includes 20mm Mounting Threads

Order mounting and wiring accessories as separate catalogue numbers from the **Accessories** section below.

**EXAMPLE: ES06-MF-35-120-45-WH-STD**

### Accessories

#### Power / Mounting

Mounting Stake (UL) Black	<b>06-A-STK-UL-1-BK</b>
Mounting Stake (CE) Black	<b>06-A-STK-CE-1-BK</b>

#### Shielding

Barndoor White	<b>06-A-BD-WH</b>
Barndoor Black	<b>06-A-BD-BK</b>
Hood White	<b>06-A-HD-WH</b>
Hood Black	<b>06-A-HD-BK</b>

# EcoSpec® Mini Flood

## Dimension and Mounting

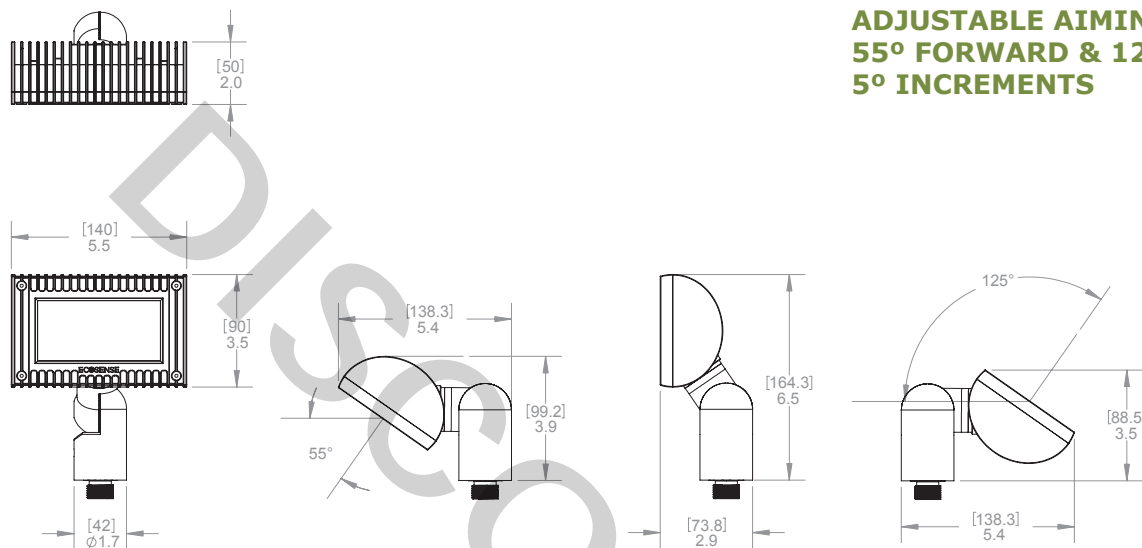
For complete dimensional submittal drawings and full scale CAD drawings, please visit [ecosenselighting.com](http://ecosenselighting.com).

DATE:

PROJECT:

FIRM :

TYPE:



**ADJUSTABLE AIMING  
55° FORWARD & 125° REARWARD  
5° INCREMENTS**

DIMENSION IN  
INCHES / [MM]

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Visit [www.ecosenselighting.com](http://www.ecosenselighting.com) for the most current specifications.  
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(V. 11.30-2012)

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## Mini Flood

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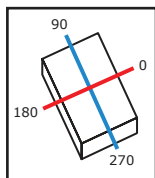
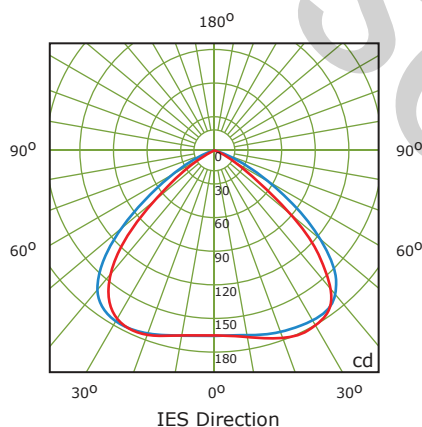
### Photometry Characteristics

Characteristics	
Total Rated Fixture Lumens	472
Total Luminaire Efficiency	100%
Total Input Watts	11.4W
Horizontal Beam Angle (50%)	102.4
Vertical Beam Angle (50%)	94.4
Horizontal Field Angle (10%)	134.4
Vertical Field Angle (10%)	124.2

Luminance Data (cd/sq. m)			
Angle In Degrees	Average 0°	Average 45°	Average 90°
0	13908	13908	13908
45	16989	19769	15908
55	10853	14090	7045
65	4910	6202	2584
75	1266	2110	1266
85	0	1253	1253

Fixture: ES06-MF-27-220-90-WH-STD

### Candela Distribution



### Coefficients of Utilization

RC	80			70			50			30			10			0
RW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0.00
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.07	1.04	1.01	1.05	1.02	0.99	1.01	0.98	0.96	0.97	0.95	0.93	0.93	0.92	0.90	0.88
2	0.96	0.90	0.85	0.94	0.88	0.84	0.90	0.86	0.82	0.87	0.83	0.80	0.84	0.81	0.78	0.77
3	0.85	0.78	0.72	0.84	0.77	0.72	0.81	0.75	0.71	0.78	0.73	0.69	0.76	0.72	0.68	0.66
4	0.76	0.68	0.62	0.75	0.68	0.62	0.73	0.66	0.61	0.70	0.65	0.60	0.68	0.64	0.60	0.58
5	0.69	0.60	0.54	0.67	0.60	0.54	0.65	0.59	0.53	0.64	0.58	0.53	0.62	0.57	0.52	0.50
6	0.62	0.54	0.48	0.61	0.53	0.48	0.59	0.52	0.47	0.58	0.51	0.47	0.56	0.51	0.46	0.44
7	0.56	0.48	0.42	0.55	0.48	0.42	0.54	0.47	0.42	0.52	0.46	0.42	0.51	0.46	0.41	0.39
8	0.51	0.43	0.38	0.51	0.43	0.38	0.49	0.42	0.37	0.48	0.42	0.37	0.47	0.41	0.37	0.35
9	0.47	0.39	0.34	0.46	0.39	0.34	0.45	0.38	0.34	0.44	0.38	0.33	0.43	0.37	0.33	0.31
10	0.43	0.36	0.31	0.43	0.35	0.30	0.42	0.35	0.30	0.41	0.35	0.30	0.40	0.35	0.30	0.28

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)