

# id<sup>+</sup> 2.5"

LED ADJUSTABLE ACCENT, DOWNLIGHT & WALL WASH



clear diffuse  
reflector



matte black  
reflector



warm diffuse  
reflector



white trim



titanium silver trim



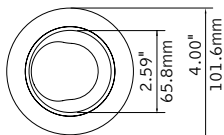
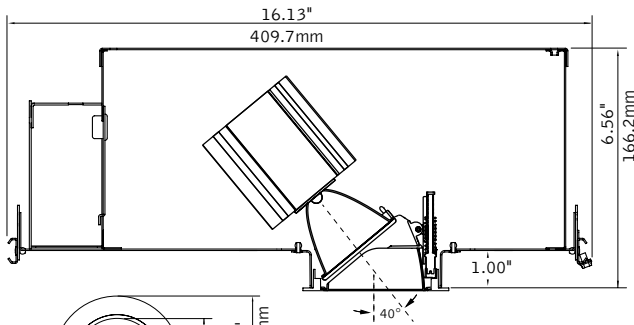
bronze trim



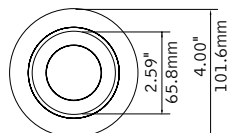
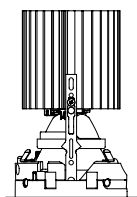
black trim

## DIMENSIONAL DATA

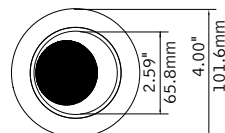
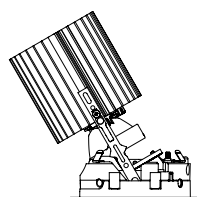
### 0-40° adjustable accent



### downlight



### wall wash



## FEATURES

Small aperture LED adjustable accent family.

15° beam is ideal for art and object accenting, additional beamreads up to 60° complement any application.

Adjustable accent allows for hot aiming with locking 40° vertical tilt and 362° rotation.

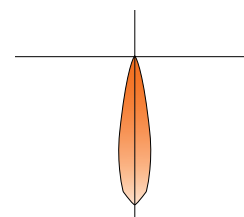
Center Beam Optic allows maximum light output at all tilt angles.

Fixed downlight and wall washer also available.

Selection of dimming drivers available.

Selection of trim styles and finishes to complement any design.

## PERFORMANCE



### PRODUCT OVERVIEW

|               |                    |
|---------------|--------------------|
| Lumen Output: | 508-1338lm         |
| Wattage:      | 10-19W             |
| LPW:          | 45-80              |
| SDCM:         | 3                  |
| Lifetime:     | L70 @<br>50,000hrs |

Adjustable Accent,  
Narrow Flood at 0°  
3000K, High Output (LL3)

**Delivered Lumens: 1338lm**

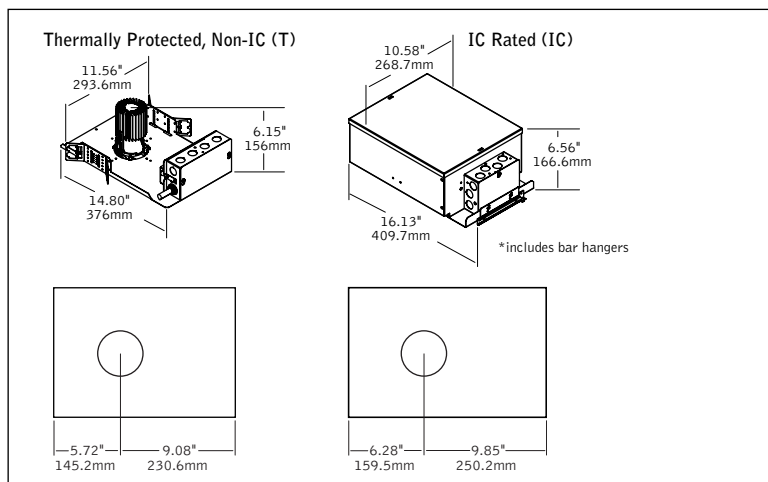
**Tested System Watts: 19W**

Photometric performance is measured in accordance with IESNA LM-79. Visit [focalpointlights.com](http://focalpointlights.com) for complete photometric data. Visit [energystar.gov](http://energystar.gov) for model specifics.

fixture:

project:

## HOUSING DETAILS



## HOUSING SPECIFICATIONS

### Construction

Die-formed housing and integral junction box with (7) 1/2" pry outs. Accommodates ceiling thicknesses up to 1". For thicker ceiling consult factory. Die-cast aluminum heat sink designed for maximum thermal dissipation. Fixture will not exceed 5 lb.

(T) Thermally protected housing for new construction. Insulation to be kept 3" away from housing. Butterfly brackets allow mounting to 1/2" emt. Order bar hangers as an accessory.

(IC) Insulated ceiling housing for new construction drywall/hard ceiling applications with direct insulation contact. Bar hangers included. Overlap and flush wall wash housing complies with ASTM E-283, air-tight energy codes.

### Electrical

Choice of constant current dimming drivers. Power factor >.9 typical, 50/60 Hz., 350-2080mA.

### Emergency battery

Bodine BSL17C-C2. Emergency output—7 watts for 90 minutes.

### Labels

UL and cUL listed. Suitable for Dry or Damp Locations, indoor use only.

### Lumen Maintenance

L70 at 50,000 hours

### Warranty

LED System rated for operation in ambient environments up to 25°C. 5 year limited warranty.

## TRIM SPECIFICATIONS

### LED System

Proprietary LED module with one Cree MT-G2 LED. LED features EasyWhite technology for maximum efficacy, color consistency and optical control. Color accuracy within 2 SDCM.

### Adjustment

Manual locking 40° vertical tilt (AA) or 30° fixed vertical tilt (WW) and 362° rotation.

### Aesthetics

Parabolic reflector cone ensures glare free optics. Field-paintable flange. Trim clips pull trim tight to the ceiling.

### Optics

Beamspreads achieved with optical filters. Order accessory kits to easily change distribution in field.

## PERFORMANCE CHART

See Page 3

## HOUSING ORDERING

| Housing Series                       | FLS2 |
|--------------------------------------|------|
| ID+ 2.5" Round Housing               | FLS2 |
| <b>Trim Type</b>                     |      |
| Round Flush                          | RF   |
| Round Overlap                        | RO   |
| <b>Output</b>                        |      |
| Low Output                           | LL1  |
| Standard Output                      | LL2  |
| High Output                          | LL3  |
| <b>Voltage</b>                       |      |
| 120V                                 | 120  |
| 277V                                 | 277  |
| <b>Driver</b>                        |      |
| 0-10V - 1% Dimming                   | L11  |
| 0-10V - 10% Dimming                  | LD1  |
| Forward Phase                        | LFP  |
| Lutron A-Series                      | L3D  |
| 1% EcoSystem Digital                 |      |
| (Consult factory for 3-wire control) |      |
| Lutron A-Series - Forward Phase      | LTE  |
| (120 only)                           |      |

|                                                                      |     |
|----------------------------------------------------------------------|-----|
| <b>Housing Type</b>                                                  |     |
| Thermally Protected, Non-IC                                          | T   |
| IC Rated                                                             | IC  |
| (LL1 & LL2 )                                                         |     |
| <b>Factory Options</b>                                               |     |
| Bar Hangers                                                          | BH  |
| (T housing only)                                                     |     |
| Chicago Plenum / National Plenum                                     | CP  |
| (IC housing only)                                                    |     |
| Emergency Battery Pack*                                              | EMR |
| (Remote test switch, above ceiling access, T housing & RF trim only) |     |

## TRIM & LED MODULE

|                                    |            |
|------------------------------------|------------|
| <b>Aperture</b>                    | <b>LS2</b> |
| 2.5" Round Aperture                | LS2        |
| <b>Trim Type</b>                   | <b>RD</b>  |
| Round                              | RD         |
| (Compatible with RO & RF housings) |            |
| <b>Color Temperature</b>           |            |
| 2700K, 90+ CRI                     | 927K       |
| 3000K, 90+ CRI                     | 930K       |
| 3000K, 80+ CRI                     | 30K        |
| 3500K, 80+ CRI                     | 35K        |
| <b>Optic</b>                       |            |
| Adjustable Accent                  | AA         |
| Downlight                          | DN         |
| Wall Wash                          | WW         |
| <b>Distribution</b>                |            |
| 15° Spot                           | SP         |
| (Not compatible with WW)           |            |
| 20° Narrow Flood                   | NFL        |
| 40° Flood                          | FL         |
| (Recommended with WW)              |            |
| 60° Wide Flood                     | WFL        |
| Linear Spread Lens                 | LS         |
| <b>Reflector Color</b>             |            |
| Clear Diffuse                      | CD         |
| Matte Black                        | BK         |
| Warm Diffuse                       | WD         |
| <b>Flange Finish</b>               |            |
| White                              | WH         |
| Black                              | BK         |
| Titanium Silver                    | TS         |
| Bronze                             | BR         |

**ACCESSORIES**  
(One kit included per order as indicated in Distribution above. Order additional kits to change distribution in the field as needed.)

|                      |           |
|----------------------|-----------|
| 15° Spot Kit         | FLS2/SPK  |
| 20° Narrow Flood Kit | FLS2/NFLK |
| 40° Flood Kit        | FLS2/FLK  |
| 60° Wide Flood Kit   | FLS2/WFLK |
| Linear Spread Kit    | FLS2/LSK  |

PERFORMANCE CHART

| Optic             | Output | Distribution | System Watts | Delivered Lumens | Beamspread | Center Beam Candlepower (CBCP) |
|-------------------|--------|--------------|--------------|------------------|------------|--------------------------------|
| Adjustable Accent | LL1    | SP           | 10           | 630              | 11.75      | 6643                           |
|                   |        | NFL          | 10           | 738              | 19.8       | 4732                           |
|                   |        | FL           | 10           | 628              | 37.75      | 916                            |
|                   |        | WFL          | 10           | 620              | 52         | 705                            |
|                   | LL2    | SP           | 14.6         | 940              | 11.75      | 9911                           |
|                   |        | NFL          | 14.6         | 1101             | 19.8       | 7061                           |
|                   |        | FL           | 14.6         | 938              | 37.75      | 1367                           |
|                   |        | WFL          | 14.6         | 924              | 52         | 1051                           |
|                   | LL3    | SP           | 19           | 1140             | 11.75      | 12020                          |
|                   |        | NFL          | 19           | 1335             | 19.8       | 8563                           |
|                   |        | FL           | 19           | 1137             | 37.75      | 1658                           |
|                   |        | WFL          | 19           | 1121             | 52         | 1275                           |
| Downlight         | LL1    | SP           | 10           | 692              | 15.8       | 6207                           |
|                   |        | NFL          | 10           | 802              | 20.9       | 5055                           |
|                   |        | FL           | 10           | 655              | 38         | 1401                           |
|                   |        | WFL          | 10           | 717              | 58.9       | 848                            |
|                   | LL2    | SP           | 14.6         | 973              | 15.8       | 8730                           |
|                   |        | NFL          | 14.6         | 1128             | 20.9       | 7110                           |
|                   |        | FL           | 14.6         | 921              | 38         | 1970                           |
|                   |        | WFL          | 14.6         | 1008             | 58.9       | 1193                           |
|                   | LL3    | SP           | 19.4         | 1154             | 15.8       | 10071                          |
|                   |        | NFL          | 19.4         | 1338             | 21.9       | 8202                           |
|                   |        | FL           | 19.2         | 1093             | 38         | 2273                           |
|                   |        | WFL          | 19.2         | 1196             | 58.9       | 1376                           |
| Wall Wash         | LL1    | FL           | 10           | 508              |            |                                |
|                   | LL2    | FL           | 14.6         | 715              |            |                                |
|                   | LL3    | FL           | 19           | 848              |            |                                |

\*Tested with 3000K Clear Diffuse Reflector. \*\*Lumen output may vary +/- 5%. 0.963 Matte Black Reflector (BK) lumen multiplier. 0.777 90 CRI lumen multiplier. (values in grey are estimated based on a relative comparison to the tested data)

# id<sup>®</sup> 2.5"

## LED ADJUSTABLE ACCENT - SPOT

### FLS2-LL3-LD1-120-RO-T / LS2-L30-RD-AA-SP-CD-WH

Filename: FLS2AALL3L30SP .IES

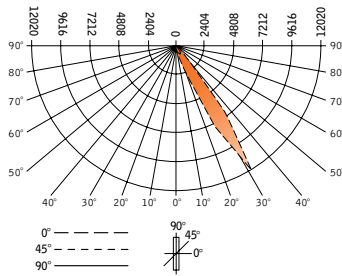
Lumens: 1140lm

Test #: 17613.0

System Watts: 19W

LPW: 60

#### CANDELPower DISTRIBUTION



| Vertical Angle | Horizontal Angle |     |     |      |      |
|----------------|------------------|-----|-----|------|------|
|                | 0°               | 45° | 90° | 135° | 180° |
| 0°             | 294              | 294 | 294 | 294  | 294  |
| 5°             | 501              | 465 | 279 | 118  | 95   |
| 15°            | 1262             | 638 | 175 | 159  | 161  |
| 25°            | 7458             | 797 | 234 | 324  | 346  |
| 35°            | 661              | 289 | 104 | 131  | 151  |
| 45°            | 217              | 27  | 14  | 17   | 15   |
| 55°            | 25               | 5   | 1   | 3    | 4    |
| 65°            | 4                | 0   | 0   | 0    | 0    |
| 75°            | 0                | 0   | 0   | 0    | 0    |
| 85°            | 0                | 0   | 0   | 0    | 0    |
| 90°            | 0                | 0   | 0   | 0    | 0    |

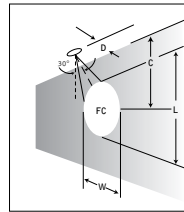
#### LUMEN SUMMARY

| Zone            | Lumens | % Fixture |
|-----------------|--------|-----------|
| 0-30°           | 663    | 58.1      |
| 0-40°           | 1089   | 95.6      |
| 0-60°           | 1139   | 99.9      |
| 0-90°           | 1140   | 100.0     |
| Total Luminaire | 1140   | 100.0     |

#### FOOTCANDLE VALUES

30° aiming angle - vertical surface

| D   | C    | FC  | L    | W    |
|-----|------|-----|------|------|
| 18" | 2.7' | 387 | 1.3' | 1.1' |
| 24" | 3.2' | 293 | 1.6' | 1.2' |
| 30" | 4.3' | 204 | 1.9' | 1.3' |
| 36" | 4.8' | 150 | 2.3' | 1.4' |



Footcandle results based on AGI32; Reflectances=0/0/0; LLF=1

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.

# id<sup>®</sup> 2.5"

## LED ADJUSTABLE ACCENT - NARROW FLOOD

### FLS2-LL3-LD1-120-RO-T / LS2-L30-RD-AA-NFL-CD-WH

Filename: FLS2AALL3L30NFL .IES

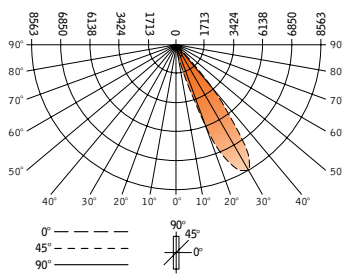
Lumens: 1335lm

Test #: 17610.0

System Watts: 19W

LPW: 70

#### CANDELPower DISTRIBUTION



| Vertical Angle | Horizontal Angle |     |     |      |      |
|----------------|------------------|-----|-----|------|------|
|                | 0°               | 45° | 90° | 135° | 180° |
| 0°             | 213              | 213 | 213 | 213  | 213  |
| 5°             | 355              | 288 | 210 | 162  | 140  |
| 15°            | 2279             | 590 | 173 | 103  | 116  |
| 25°            | 7724             | 697 | 120 | 120  | 150  |
| 35°            | 6785             | 253 | 43  | 48   | 51   |
| 45°            | 750              | 49  | 6   | 5    | 9    |
| 55°            | 20               | 0   | 0   | 0    | 0    |
| 65°            | 0                | 0   | 0   | 0    | 0    |
| 75°            | 0                | 0   | 0   | 0    | 0    |
| 85°            | 0                | 0   | 0   | 0    | 0    |
| 90°            | 0                | 0   | 0   | 0    | 0    |

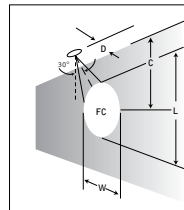
#### LUMEN SUMMARY

| Zone            | Lumens | % Fixture |
|-----------------|--------|-----------|
| 0-30°           | 730    | 54.7      |
| 0-40°           | 1233   | 92.3      |
| 0-60°           | 1335   | 100.0     |
| 0-90°           | 1335   | 100.0     |
| Total Luminaire | 1335   | 100.0     |

#### FOOTCANDLE VALUES

30° aiming angle - vertical surface

| D   | C    | FC  | L    | W    |
|-----|------|-----|------|------|
| 18" | 2.3' | 461 | 1.5' | 1.2' |
| 24" | 3.2' | 273 | 2.0' | 1.4' |
| 30" | 3.8' | 186 | 2.5' | 1.8' |
| 36" | 4.7' | 130 | 3.0' | 2.1' |



Footcandle results based on AGI32; Reflectances=0/0/0; LLF=1

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.

# id<sup>®</sup> 2.5"

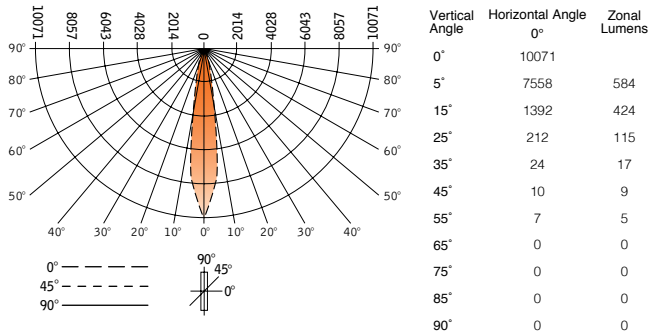
## LED DOWNLIGHT - SPOT

### FLS2-LL3-LD1-120-RO-T / LS2-L30-RD-DN-SP-CD-WH

Filename: FLS2DNLL3L30SP.IES  
Test #: 17396.0

Lumens: 1154lm  
System Watts: 19W  
LPW: 59

#### CANDELPower DISTRIBUTION



#### LUMEN SUMMARY

| Zone                   | Lumens       | % Fixture   |
|------------------------|--------------|-------------|
| 0-30°                  | 1123         | 76.0        |
| 0-40°                  | 1140         | 89.0        |
| 0-60°                  | 1154         | 100.0       |
| 0-90°                  | 1154         | 100.0       |
| <b>Total Luminaire</b> | <b>0-90°</b> | <b>1154</b> |

#### FOOTCANDLE VALUES

0° aiming angle - horizontal surface

| Distance from source | Beam Diameter | Center Beam (FC) |
|----------------------|---------------|------------------|
| 2'                   | 0.6'          | 2517.8           |
| 4'                   | 1.1'          | 629.4            |
| 6'                   | 1.7'          | 279.8            |
| 8'                   | 2.2'          | 157.4            |
| 10'                  | 2.8'          | 100.7            |
| 12'                  | 3.3'          | 69.9             |

Footcandle results based on AGI32; Reflectances=0/0/0; LLF=1

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.

# id<sup>®</sup> 2.5"

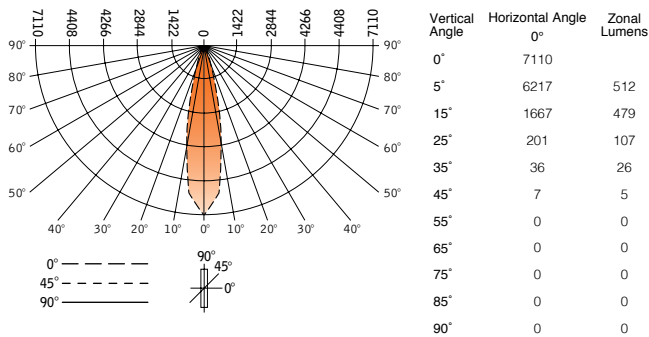
## LED DOWNLIGHT - NARROW FLOOD

### FLS2-LL2-LD1-120-RO-T / LS2-L30-RD-DN-NFL-CD-WH

Filename: FLS2DNLL2L30NFL.IES  
Test #: 17617.0

Lumens: 1128lm  
System Watts: 14.6W  
LPW: 77

#### CANDELPower DISTRIBUTION



#### LUMEN SUMMARY

| Zone                   | Lumens       | % Fixture   |
|------------------------|--------------|-------------|
| 0-30°                  | 1098         | 97.3        |
| 0-40°                  | 1124         | 99.6        |
| 0-60°                  | 1128         | 100.0       |
| 0-90°                  | 1128         | 100.0       |
| <b>Total Luminaire</b> | <b>0-90°</b> | <b>1128</b> |

#### FOOTCANDLE VALUES

0° aiming angle - horizontal surface

| Distance from source | Beam Diameter | Center Beam (FC) |
|----------------------|---------------|------------------|
| 4'                   | 1.5'          | 444              |
| 6'                   | 2.2'          | 198              |
| 8'                   | 2.9'          | 111              |
| 10'                  | 3.7'          | 71               |
| 12'                  | 4.4'          | 50               |

Footcandle results based on AGI32; Reflectances=0/0/0; LLF=1

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.

# id<sup>®</sup> 2.5"

LED DOWNLIGHT - NARROW FLOOD

FLS2-LL3-LD1-120-RO-T / LS2-L30-RD-DN-NFL-CD-WH

Filename: FLS2DNLL3L30NFL.IES

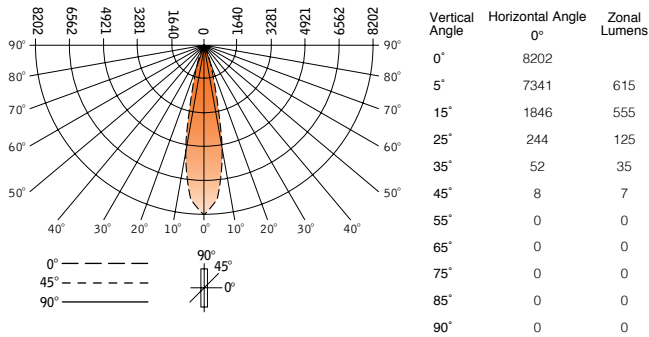
Lumens: 1338lm

Test #: 17399.0

System Watts: 19W

LPW: 70

## CANDELPower DISTRIBUTION



## LUMEN SUMMARY

| Zone                   | Lumens       | % Fixture   |
|------------------------|--------------|-------------|
| 0-30°                  | 1296         | 96.8        |
| 0-40°                  | 1331         | 99.4        |
| 0-60°                  | 1338         | 100.0       |
| 0-90°                  | 1338         | 100.0       |
| <b>Total Luminaire</b> | <b>0-90°</b> | <b>1338</b> |

## FOOTCANDLE VALUES

0° aiming angle - horizontal surface

| Distance from source | Beam Diameter | Center Beam (FC) |
|----------------------|---------------|------------------|
| 2'                   | 0.8'          | 2050.5           |
| 4'                   | 1.5'          | 512.6            |
| 6'                   | 2.3'          | 227.8            |
| 8'                   | 3.1'          | 128.             |
| 10'                  | 3.9'          | 82.0             |
| 12'                  | 4.6'          | 57.0             |

Footcandle results based on AGI32; Reflectances=0/0/0; LLF=1

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.

# id<sup>®</sup> 2.5"

LED DOWNLIGHT - FLOOD

FLS2-LL3-LD1-120-RO-T / LS2-L30-RD-DN-FL-CD-WH

Filename: FLS2DNLL3L30FL.IES

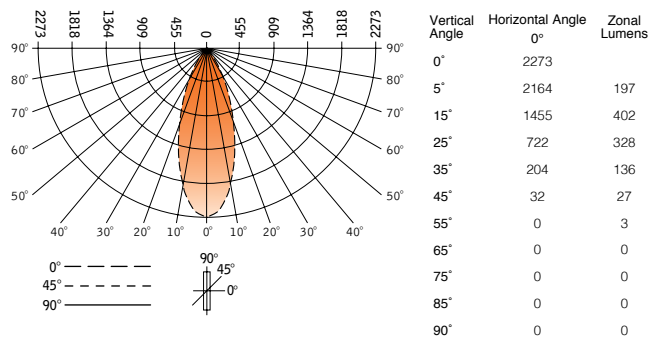
Lumens: 1093lm

Test #: 17397.0

System Watts: 19W

LPW: 57

## CANDELPower DISTRIBUTION



## LUMEN SUMMARY

| Zone                   | Lumens       | % Fixture   |
|------------------------|--------------|-------------|
| 0-30°                  | 926          | 84.7        |
| 0-40°                  | 1062         | 97.2        |
| 0-60°                  | 1092         | 99.9        |
| 0-90°                  | 1093         | 100.0       |
| <b>Total Luminaire</b> | <b>0-90°</b> | <b>1093</b> |

## FOOTCANDLE VALUES

0° aiming angle - horizontal surface

| Distance from source | Beam Diameter | Center Beam (FC) |
|----------------------|---------------|------------------|
| 2'                   | 1.4'          | 568.3            |
| 4'                   | 2.8'          | 142.1            |
| 6'                   | 4.1'          | 63.1             |
| 8'                   | 5.5'          | 35.5             |
| 10'                  | 6.9'          | 22.7             |
| 12'                  | 8.3'          | 15.8             |

Footcandle results based on AGI32; Reflectances=0/0/0; LLF=1

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.