

## FEATURES & SPECIFICATIONS

**INTENDED USE** — Our recessed LED module is the most economical means to create a well lit environment with exceptional energy efficiency and near zero maintenance. Great for retrofit into existing downlight cans or new construction and remodel applications. Adjustable torsion spring and retention allows fitment into many 5" and 6" cans. The LED module maintains at least 70% light output for 35,000 hours. Indoor and Outdoor Use.

**CONSTRUCTION** — Aluminum spun reflector with deep regression for reduced glare. Combined LED and driver printed circuit board attached. Inner reflector cone funnels light through the pressed-in diffused lens.

**OPTICS** — Diffused lens at end of mixing chamber to provide even light distribution for general illumination, equivalent to 65W BR30 lamp.

Wide flood beam angle at >45°.

**ELECTRICAL** — Center 2 Edge™ (patent pending) technology created for a single point source. Primary power disconnect provided for simple connection to a dedicated LED connector in the housing.

Dimming down to 10%. For compatible dimmers, refer to Compatible Dimmers Chart.

835-lumen E series has an input wattage of 11.9 watts, 70 lumens per watt, equivalent to 65-watt incandescent.

E Series' patent pending driver has zero inrush, which allows power loads to be calculated with actual rated wattages.

Example: 50 units of 65BEMW LED fixtures can be installed in line with a 600-watt dimmer. 600W/11.9W = 50 fixtures.

**INSTALLATION** — Suitable for installation in standard and shallow-height rough-in sections.

E26 socket adapter ships standard, except product shipping to California.

Twin torsion springs ensure easy installation for 5" and 6" recessed housings.

**LISTINGS** — CSA certified to US and Canadian safety standards. Can be used to comply with California Title 24 Part 6 High Efficacy LED Light Source Requirements. Wet location listed. WSEC ASTM E283 for Air-Tight (with IC housings).

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

[www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**NOTE:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

**PATENTS PENDING.**

|                |
|----------------|
| Catalog Number |
| Notes          |
| Type           |



65BEMW



65SEMW

### LED Recessed Downlighting

# 65BE/65SE

5" / 6" LED Module

IC/Non-IC  
Retrofit



#### Specifications

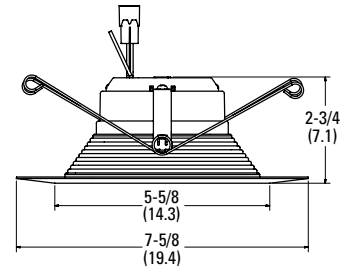
Aperture: 5-5/8 (14.3)

Ceiling opening: Determined by rough-in

Overlap trim: 7-5/8 (19.4)

Height: 2-3/4 (7.1)

All dimensions are inches (centimeters) unless otherwise indicated.



### ORDERING INFORMATION

For shortest lead times, configure product using **bolded** options.

**Example:** 65BEMW LED 27K 90CRI

| Series/Finish  | Lamp       | CCT / W / Lumens <sup>1</sup>  | CRI                | Voltage      | Options   |
|--|------------|--|--------------------|--------------|---|
| <b>65BEMW</b> 5" / 6" Baffle LED module, matte white | <b>LED</b> | <b>27K</b> 2700 K / 12.1W / 750L <sup>3</sup><br><b>30K</b> 3000 K / 11.9W / 835L<br><b>40K</b> 4000 K / 11.9W / 845L <sup>3</sup> | <b>90CRI</b> 90CRI | (blank) 120V | L/SKTWHIP No E26 Adapter (CA only) <sup>2</sup> |
| <b>65SEMW</b> 5" / 6" Smooth LED module, matte white |            |  |                    |              |   |

| Housing options   |  |   |  |  |  |
|---|--|---|--|--|--|
| <b>QC6</b> Quick Connect 6" LED new construction downlight    | <b>LC6</b> 6" new construction rough-in <sup>5</sup>         | <b>IC21</b> 6" IC shallow new construction housing <sup>5</sup>   |  |  |  |
| <b>QC6R</b> Quick Connect 6" LED Remodel Downlight            | <b>LCP</b> 6" new construction shallow rough-in <sup>5</sup> | <b>IC21R</b> 6" IC shallow remodel housing <sup>5</sup>           |  |  |  |
| <b>L7X</b> 6" new construction rough-in <sup>5</sup>          | <b>L5</b> 5" new construction rough-in <sup>5</sup>          | <b>IC22</b> 6" IC new construction housing <sup>5</sup>           |  |  |  |
| <b>L7XR</b> 6" remodel rough-in <sup>5</sup>                  | <b>LSR</b> 5" new construction rough-in <sup>5</sup>         | <b>IC22R</b> 6" IC remodel housing <sup>5</sup>                   |  |  |  |
| <b>L7XP</b> 6" new construction shallow rough-in <sup>5</sup> |  | <b>IC23</b> 6" IC new construction housing, no plate <sup>5</sup> |  |  |  |
| <b>L7XPR</b> 6" remodel shallow rough-in <sup>5</sup>         |  | <b>IC23R</b> 6" IC remodel housing, no plate <sup>5</sup>         |  |  |  |

| Accessories: Order as separate catalog number.       |  |                                |
|--|--|--------------------------------|
| <b>TSA6 J6</b> 6" torsion spring adaptor (pack of 6) | RK2 CG52178 E26 E SERIES SKT ADAPTER U   | E26 Adapter (Single Unit Pack) |
|  | RK2 CG52178 E26 E SERIES SKT ADAPTER J10 | E26 Adapter (Pack of 10)       |
|  | RK2 CG52178 E26 E SERIES SKT ADAPTER J25 | E26 Adapter (Pack of 25)       |

#### Notes

- Total system delivered lumens.
- L/SKTWHIP must be selected for standard lumen outputs for product shipping to California.
- Not available for Smooth option.
- Not available in Baffle option.
- Must be ordered on a separate line.

# 5"/6" LED Module

Pairs perfectly with Juno housings for a complete downlight solution: Order housings as separate catalog number.

**QC6 Series** - New Construction Quick Connect LED Housing



**QC6R Series** - New Construction Quick Connect LED Housing



## TRIM INSERTS

TRIM INSERTS (for field configuration; ordered separately)

Example: 65SEBN R4

| Series/Finish |                              |         |                              | Packaging |                        |
|---------------|------------------------------|---------|------------------------------|-----------|------------------------|
| 65BEMB        | 6" Baffle, Matte Black       | 65SEMB  | 6" Smooth, Matte Black       | R4        | Retail Pack of 4 units |
| 65BEBN        | 6" Baffle, Brush Nickel      | 65SEBN  | 6" Smooth, Brush Nickel      |           |                        |
| 65BEORB       | 6" Baffle, Oil-Rubbed Bronze | 65SEORB | 6" Smooth, Oil-Rubbed Bronze |           |                        |
|               |                              |         |                              |           |                        |



6" Baffle, Matte Black (65BEMB)



6" Baffle, Brush Nickel (65BEBN)



6" Baffle, Oil-Rubbed Bronze (65BEORB)



6" Smooth, Matte Black (65SEMB)



6" Smooth, Brush Nickel (65SEBN)



6" Smooth, Oil-Rubbed Bronze (65SEORB)



Pre-Install color finish trim insert over white 6" E Series Module.



Press down color finish tabs for post-installation to create final LED 6" module.

### ADDITIONAL DATA 65BEMW LED 27K

| 6"/5" ENERGY DATA |                                    |
|-------------------|------------------------------------|
| Lumens            | 750                                |
| Color Temperature | 2700K                              |
| CRI               | 90                                 |
| Lu/Watts          | 62                                 |
| Operating temp    | -20°C (-4°F) to 40°C (104°F)       |
| EMI/RFI           | FCC Title 47 CFR, Part 15, Class B |
| Sound rating      | Class A Standards                  |
| Input voltage     | 120V                               |
| Min. power factor | 0.99                               |
| Input frequency   | 50/60 Hz                           |
| Rated wattage     | 12.1W                              |
| Input power       | 12.1W                              |
| Input current     | 0.1A                               |

### ADDITIONAL DATA 65BEMW/65SEMW LED 30K

| 6"/5" ENERGY DATA |                                    |
|-------------------|------------------------------------|
| Lumens            | 835                                |
| Color Temperature | 3000K                              |
| CRI               | 90                                 |
| Lu/Watts          | 70                                 |
| Operating temp    | -20°C (-4°F) to 40°C (104°F)       |
| EMI/RFI           | FCC Title 47 CFR, Part 15, Class B |
| Sound rating      | Class A Standards                  |
| Input voltage     | 120V                               |
| Min. power factor | 0.99                               |
| Input frequency   | 50/60 Hz                           |
| Rated wattage     | 11.9W                              |
| Input power       | 11.9W                              |
| Input current     | 0.1A                               |

### ADDITIONAL DATA 65BEMW LED 40K

| 6"/5" ENERGY DATA |                                    |
|-------------------|------------------------------------|
| Lumens            | 845                                |
| Color Temperature | 4000K                              |
| CRI               | 90                                 |
| Lu/Watts          | 71                                 |
| Operating temp    | -20°C (-4°F) to 40°C (104°F)       |
| EMI/RFI           | FCC Title 47 CFR, Part 15, Class B |
| Sound rating      | Class A Standards                  |
| Input voltage     | 120V                               |
| Min. power factor | 0.99                               |
| Input frequency   | 50/60 Hz                           |
| Rated wattage     | 11.9W                              |
| Input power       | 11.9W                              |
| Input current     | 0.1A                               |

# 5"/6" LED Module

## PHOTOMETRICS

### Distribution Curve

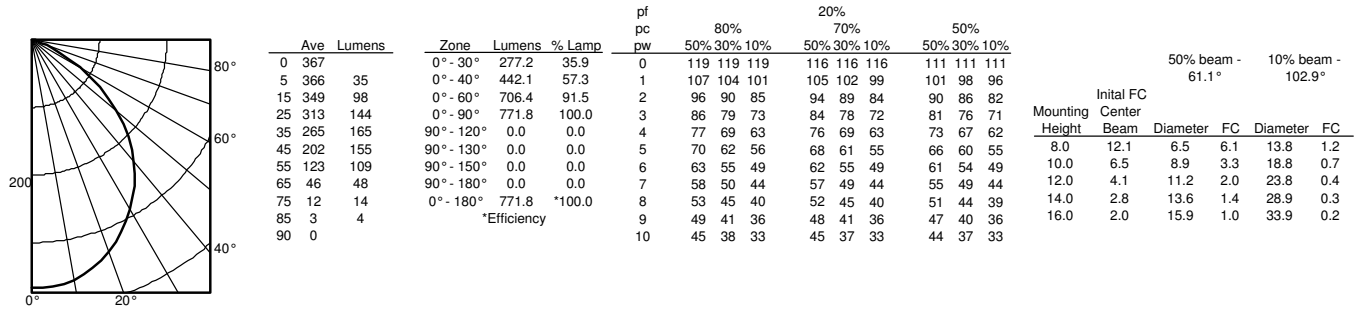
### Distribution Data

### Output Data

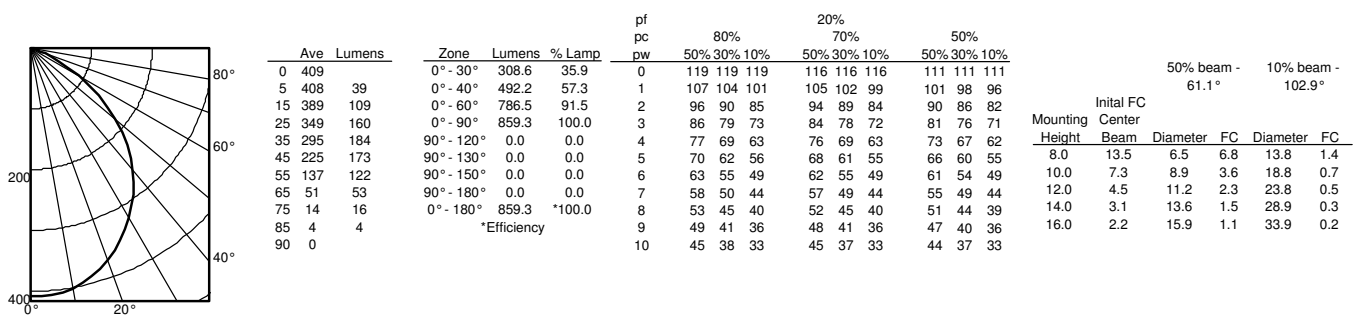
### Coefficient of Utilization

### Illuminance Data at 30" Above Floor for a Single Luminaire

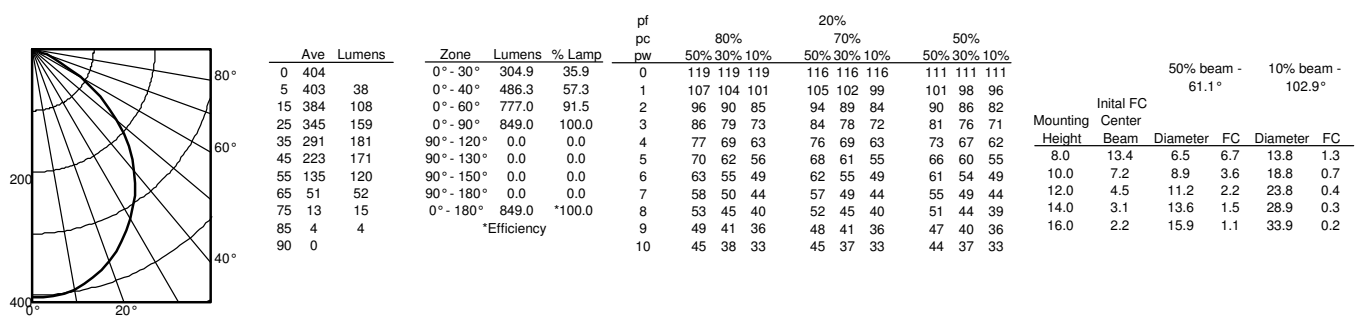
**65BEMW LED, 27K, input watts: 11.9, delivered lumens: 772, LM/W = 62, test no. ISF 35429P1, tested in accordance with IESNA LM 79-08**



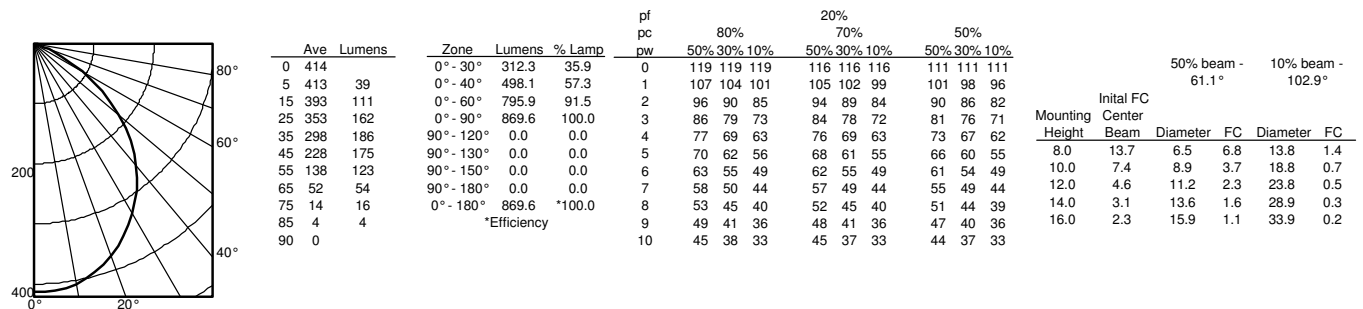
**65BEMW LED, 30K, input watts: 11.9, delivered lumens: 859, LM/W = 70, test no. ISF 35429, tested in accordance with IESNA LM 79-08**



**65BEMW LED, 35K, input watts: 11.9, delivered lumens: 849, LM/W = 71, test no. ISF 35429P2, tested in accordance with IESNA LM 79-08**



**65BEMW LED, 40K, input watts: 11.9, delivered lumens: 870, LM/W = 71, test no. ISF 35429P3, tested in accordance with IESNA LM 79-08**



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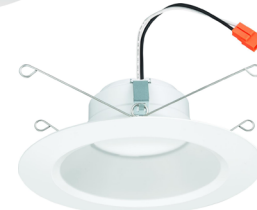
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**PATENTS PENDING.**

|                |
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| Catalog Number |
| Notes          |
| Type           |



65BEMW



65SEMW

### LED Recessed Downlighting

# 65BE/65SE

5" / 6" LED Module

IC/Non-IC  
Retrofit



#### Specifications

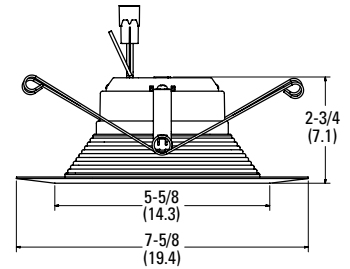
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Ceiling opening: Determined by rough-in

Overlap trim: 7-5/8 (19.4)

Height: 2-3/4 (7.1)

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### ORDERING INFORMATION

For shortest lead times, configure product using **bolded** options.

**Example:** 65BEMW LED 27K 90CRI

| Series/Finish  | Lamp       | CCT / W / Lumens <sup>1</sup>  | CRI                | Voltage      | Options   |
|--|------------|--|--------------------|--------------|---|
| <b>65BEMW</b> 5" / 6" Baffle LED module, matte white | <b>LED</b> | <b>27K</b> 2700 K / 12.1W / 750L <sup>3</sup><br><b>30K</b> 3000 K / 11.9W / 835L<br><b>40K</b> 4000 K / 11.9W / 845L <sup>3</sup> | <b>90CRI</b> 90CRI | (blank) 120V | L/SKTWHIP No E26 Adapter (CA only) <sup>2</sup> |
| <b>65SEMW</b> 5" / 6" Smooth LED module, matte white |            |  |                    |              |   |

### Housing options

|   |  |   |
|---|--|---|
| <b>QC6</b> Quick Connect 6" LED new construction downlight    | <b>LC6</b> 6" new construction rough-in <sup>5</sup>         | <b>IC21</b> 6" IC shallow new construction housing <sup>5</sup>   |
| <b>QC6R</b> Quick Connect 6" LED Remodel Downlight            | <b>LCP</b> 6" new construction shallow rough-in <sup>5</sup> | <b>IC21R</b> 6" IC shallow remodel housing <sup>5</sup>           |
| <b>L7X</b> 6" new construction rough-in <sup>5</sup>          | <b>L5</b> 5" new construction rough-in <sup>5</sup>          | <b>IC22</b> 6" IC new construction housing <sup>5</sup>           |
| <b>L7XR</b> 6" remodel rough-in <sup>5</sup>                  | <b>LSR</b> 5" new construction rough-in <sup>5</sup>         | <b>IC22R</b> 6" IC remodel housing <sup>5</sup>                   |
| <b>L7XP</b> 6" new construction shallow rough-in <sup>5</sup> |  | <b>IC23</b> 6" IC new construction housing, no plate <sup>5</sup> |
| <b>L7XPR</b> 6" remodel shallow rough-in <sup>5</sup>         |  | <b>IC23R</b> 6" IC remodel housing, no plate <sup>5</sup>         |

### Accessories: Order as separate catalog number.

|  |  |                                |
|--|--|--------------------------------|
| <b>TSA6 J6</b> 6" torsion spring adaptor (pack of 6) | RK2 CG52178 E26 E SERIES SKT ADAPTER U   | E26 Adapter (Single Unit Pack) |
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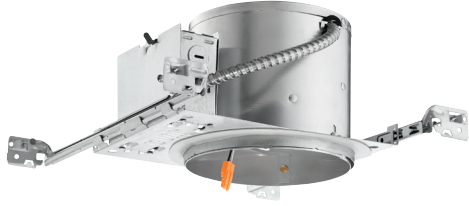
### Notes

- Total system delivered lumens.
- L/SKTWHIP must be selected for standard lumen outputs for product shipping to California.
- Not available for Smooth option.
- Not available in Baffle option.
- Must be ordered on a separate line.

# 5"/6" LED Module

Pairs perfectly with Juno housings for a complete downlight solution: Order housings as separate catalog number.

**QC6 Series** - New Construction Quick Connect LED Housing



**QC6R Series** - New Construction Quick Connect LED Housing



## TRIM INSERTS

TRIM INSERTS (for field configuration; ordered separately)

Example: 65SEBN R4

| Series/Finish |                              |         |                              | Packaging |                        |
|---------------|------------------------------|---------|------------------------------|-----------|------------------------|
| 65BEMB        | 6" Baffle, Matte Black       | 65SEMB  | 6" Smooth, Matte Black       | R4        | Retail Pack of 4 units |
| 65BEBN        | 6" Baffle, Brush Nickel      | 65SEBN  | 6" Smooth, Brush Nickel      |           |                        |
| 65BEORB       | 6" Baffle, Oil-Rubbed Bronze | 65SEORB | 6" Smooth, Oil-Rubbed Bronze |           |                        |
|               |                              |         |                              |           |                        |



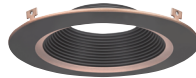
Pre-Install color finish trim insert over white 6" E Series Module.



6" Baffle, Matte Black (65BEMB)



6" Baffle, Brush Nickel (65BEBN)



6" Baffle, Oil-Rubbed Bronze (65BEORB)



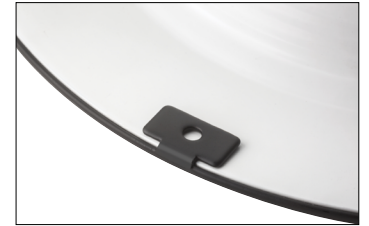
6" Smooth, Matte Black (65SEMB)



6" Smooth, Brush Nickel (65SEBN)



6" Smooth, Oil-Rubbed Bronze (65SEORB)



Press down color finish tabs for post-installation to create final LED 6" module.

### ADDITIONAL DATA 65BEMW LED 27K

| 6"/5" ENERGY DATA |                                    |
|-------------------|------------------------------------|
| Lumens            | 750                                |
| Color Temperature | 2700K                              |
| CRI               | 90                                 |
| Lu/Watts          | 62                                 |
| Operating temp    | -20°C (-4°F) to 40°C (104°F)       |
| EMI/RFI           | FCC Title 47 CFR, Part 15, Class B |
| Sound rating      | Class A Standards                  |
| Input voltage     | 120V                               |
| Min. power factor | 0.99                               |
| Input frequency   | 50/60 Hz                           |
| Rated wattage     | 12.1W                              |
| Input power       | 12.1W                              |
| Input current     | 0.1A                               |

### ADDITIONAL DATA 65BEMW/65SEMW LED 30K

| 6"/5" ENERGY DATA |                                    |
|-------------------|------------------------------------|
| Lumens            | 835                                |
| Color Temperature | 3000K                              |
| CRI               | 90                                 |
| Lu/Watts          | 70                                 |
| Operating temp    | -20°C (-4°F) to 40°C (104°F)       |
| EMI/RFI           | FCC Title 47 CFR, Part 15, Class B |
| Sound rating      | Class A Standards                  |
| Input voltage     | 120V                               |
| Min. power factor | 0.99                               |
| Input frequency   | 50/60 Hz                           |
| Rated wattage     | 11.9W                              |
| Input power       | 11.9W                              |
| Input current     | 0.1A                               |

### ADDITIONAL DATA 65BEMW LED 40K

| 6"/5" ENERGY DATA |                                    |
|-------------------|------------------------------------|
| Lumens            | 845                                |
| Color Temperature | 4000K                              |
| CRI               | 90                                 |
| Lu/Watts          | 71                                 |
| Operating temp    | -20°C (-4°F) to 40°C (104°F)       |
| EMI/RFI           | FCC Title 47 CFR, Part 15, Class B |
| Sound rating      | Class A Standards                  |
| Input voltage     | 120V                               |
| Min. power factor | 0.99                               |
| Input frequency   | 50/60 Hz                           |
| Rated wattage     | 11.9W                              |
| Input power       | 11.9W                              |
| Input current     | 0.1A                               |

# 5"/6" LED Module

## PHOTOMETRICS

### Distribution Curve

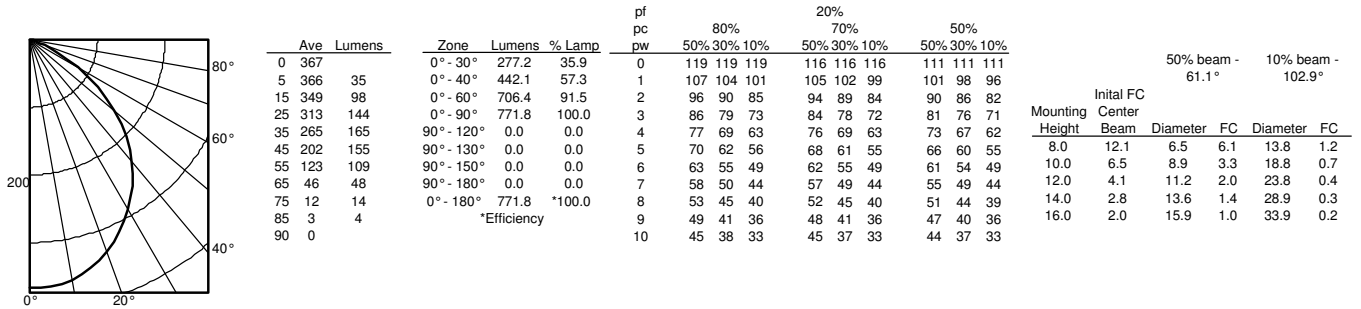
### Distribution Data

### Output Data

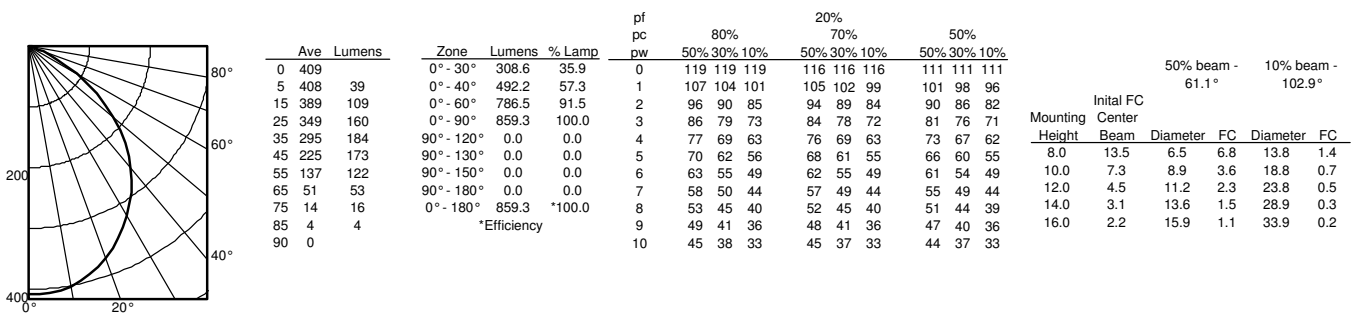
### Coefficient of Utilization

### Illuminance Data at 30" Above Floor for a Single Luminaire

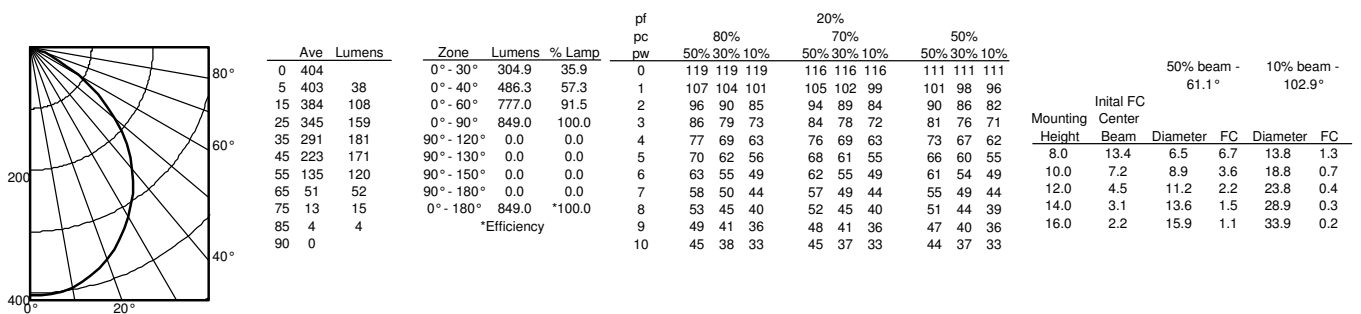
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**65BEMW LED, 35K, input watts: 11.9, delivered lumens: 849, LM/W = 71, test no. ISF 35429P2, tested in accordance with IESNA LM 79-08**



**65BEMW LED, 40K, input watts: 11.9, delivered lumens: 870, LM/W = 71, test no. ISF 35429P3, tested in accordance with IESNA LM 79-08**

