# HALO®

RSQ Series
Square LED downlight

5
seleCCTable™
colors

COOPER
Lighting Solutions

## get
## **square**
## with
## HALO

The RSQ is a family of all-purpose square lens LED modules. Available in fixed CCT (2700K, 3000K, 3500K or 4000K) or a field SeleCCTable CCT (2700K-5000K).

Available in three sizes optimized for use in HALO or compatible 4, 5 or 6-inch recessed housings, use to update existing installations or for new construction.

Wide distribution patterns work well in low to medium height ceilings providing general area illumination. Applications include living and dining areas, bedrooms, closets, hallways, bathrooms, kitchen, basements, soffits, and porches, anywhere a clean contemporary apprearance is desired.

The SeleCCTable technology puts flexibility at your fingertips. By using the switch located on the driver junction box, the user can choose from a range of five color temperatures 2700K - 5000K.
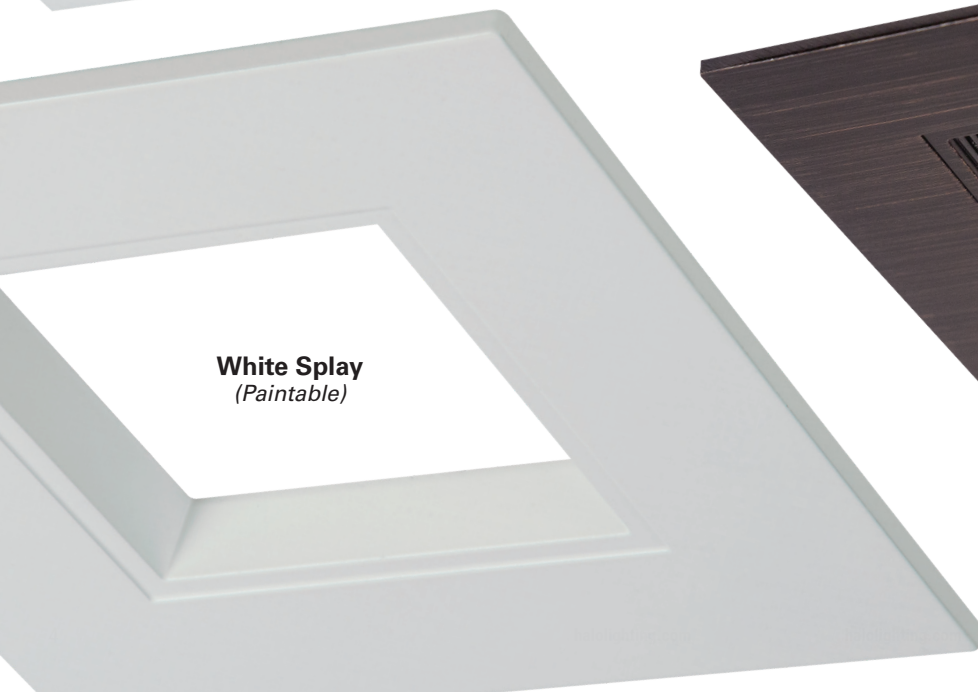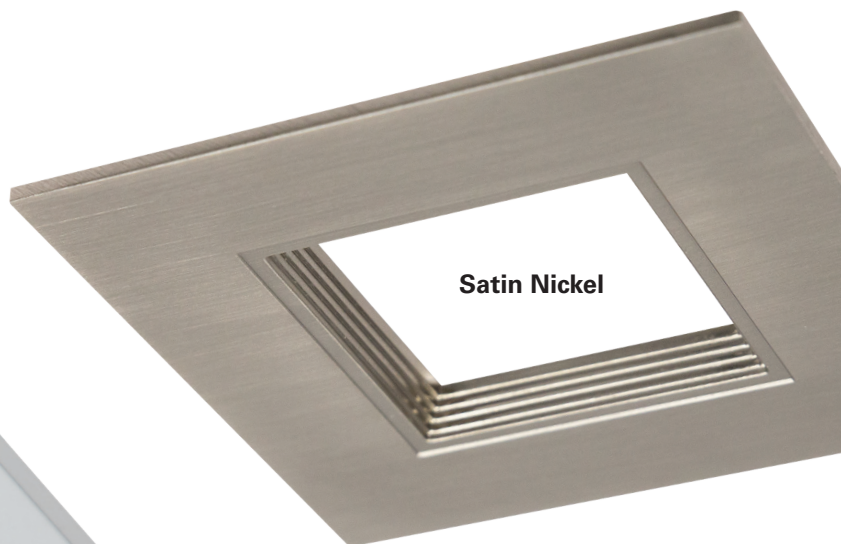
**5**
seleCCTable™ colors

2700K • 3000K • 3500K
4000K • 5000K

# RSQ Designer Trim Rings

RSQ trims provide the ultimate in design freedom to match décor and interior finishes in a space. Halo offers satin nickel and tuscan bronze plated trims as well as a white trim that may be field painted to an alternate color prior to installation.

**Satin Nickel**

**White Baffle**
*(Paintable)*

**White Splay**
*(Paintable)*

**Tuscan Bronze**

- Up to 800 lumens
- 90 CRI: 2700K, 3000K, 3500K, 4000K CCT
- Field seleCCTable 2700K - 5000K[1]
- 9.8W, 120V
- L70 @ 70,000 hrs
- HALO matte white finish; alternate trim finishes available
- Friction blades for installation are pre-installed
- Compatible with most 4" recessed housings
- Dimmable to 5% with select dimmers
- Damp and wet location listed (shower rated)
- Rated for IC, ICAT and may be used in Non-IC housings
- AIR-TITE™ certified per ASTM-E283
- Five-year limited warranty

5.12" [130mm]

2.90" [73.65mm]

2.575" [65.40mm]
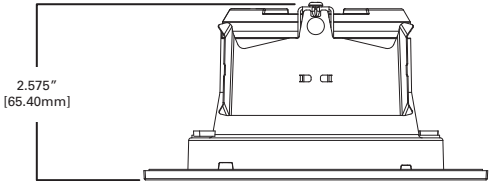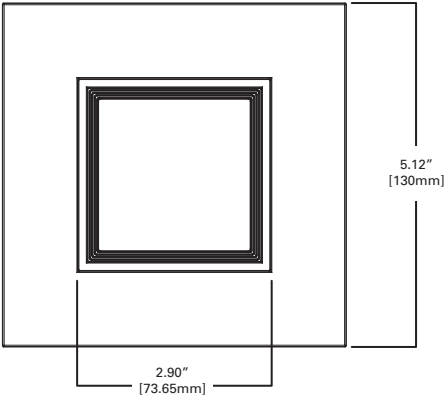
## Ordering Information

**SAMPLE NUMBER:** RSQ4089301EMWWB

| Models | Lumens | CRI / CCT |
|---|---|---|
| **RSQ4** = 4" all- purpose square LED module | **08**=800 lumen (nominal) | **927**=90 CRI (min), 2700K CCT<br>**930**=90 CRI (min), 3000K CCT<br>**935**=90 CRI (min), 3500K CCT<br>**940**=90 CRI (min), 4000K CCT<br>**9FS**=90 CRI minimum, field selectable 2700, 3000, 3500, 4000 or 5000 K CCT [1] |

| Driver | Finish | Accessories |
|---|---|---|
| **1E**= 120V 60Hz, LE &TE phase cut 5% dimming | **MWWB**= matte white flange and baffle | **RSQ4TRMMW** = 4" square trim, matte white flange and splay, field paintable<br>**RSQ4TRMSNB** = 4" square trim, satin nickel flange and baffle<br>**RSQ4TRMTBZB** = 4" square trim, tucson bronze flange and baffle |

1. Coming soon.

## RSQ4 Designer Trims (Order Separately)
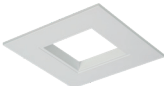
**RSQ4TRMMW**
White (Paintable)

**RSQ4TRMSNB**
Satin Nickel

**RSQ4TRMTBZB**
Tuscan Bronze

| ENERGY DATA | | | |
|---|---|---|---|
| Lumens | 800 Series | Inrush (A) | 0.69 A @ 14mS |
| Input Voltage | 120V | THD | ≤ 20% |
| Input Current | 82 (mA) | PF | ≥ 0.90 |
| Input Power | 9.8 (W) | T Ambient | -40° - +40°C |
| Efficiency | 84.5 (LPW) | Sound Rating | ≤ 21dba |

Refer to ENERGY STAR® Certified Products List. Can be used to comply with California Title 24 High Efficacy requirements. Certified to California Appliance Efficiency Database under JA8.

- Up to 800 lumens
- 90 CRI: 2700K, 3000K, 3500K, 4000K CCT
- Field seleCCTable 2700K - 5000K[1]
- 9.8W, 120V
- L70 @ 70,000 hrs
- HALO matte white finish; alternate trim finishes available
- Torsion springs pre-installed
- Optional friction blades for installation
- Compatible with most 5″ recessed housings
- Dimmable to 5% with select dimmers
- Damp and wet location listed (shower rated)
- Rated for IC, ICAT and may be used in Non-IC housings
- AIR-TITE™ certified per ASTM-E283
- Five-year limited warranty



6.38″ [162mm]

3.62″ [92.06mm]



2.88″ [73.20mm]

## Ordering Information

**SAMPLE NUMBER:** RSQ5089301EMWWB

| Models | Lumens | CRI / CCT |
|---|---|---|
| **RSQ5** = 5″ all- purpose square LED module | **08**=800 lumen (nominal) | **927**=90 CRI (min), 2700K CCT<br>**930**=90 CRI (min), 3000K CCT<br>**935**=90 CRI (min), 3500K CCT<br>**940**=90 CRI (min), 4000K CCT<br>**9FS**=90 CRI minimum, field selectable 2700, 3000, 3500, 4000 or 5000 K CCT [1] |

| Driver | Finish | Accessories |
|---|---|---|
| **1E**= 120V 60Hz, LE &TE phase cut 5% dimming | **MWWB**= matte white flange and baffle | **RSQ5TRMMW** = 5″ square trim, matte white flange and splay, field paintable<br>**RSQ5TRMSNB** = 5″ square trim, satin nickel flange and baffle<br>**RSQ5TRMTBZB** = 5″ square trim, tucson bronze flange and baffle |

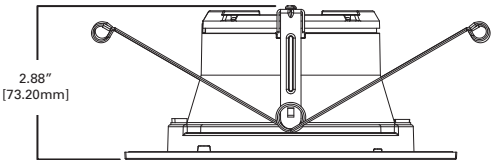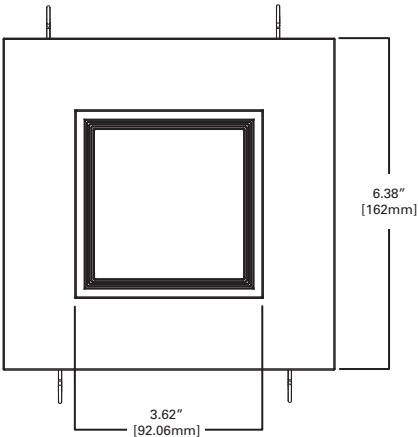1. Coming soon.

## RSQ5 Designer Trims (Order Separately)



**RSQ5TRMMW**
White (Paintable)



**RSQ5TRMSNB**
Satin Nickel



**RSQ5TRMTBZB**
Tuscan Bronze

| ENERGY DATA | | | |
|---|---|---|---|
| Lumens | 800 Series | Inrush (A) | 0.69 A @ 14mS |
| Input Voltage | 120V | THD | ≤ 20% |
| Input Current | 82 (mA) | PF | ≥ 0.90 |
| Input Power | 9.8 (W) | T Ambient | -40° - +40°C |
| Efficiency | 84.5 (LPW) | Sound Rating | ≤ 21dba |



Refer to ENERGY STAR® Certified Products List. Can be used to comply with California Title 24 High Efficacy requirements. Certified to California Appliance Efficiency Database under JA8.

- Up to 800 lumens
- 90 CRI: 2700K, 3000K, 3500K, 4000K CCT
- Field seleCCTable 2700K - 5000K[1]
- 9.8W, 120V
- L70 @ 70,000 hrs
- HALO matte white finish; alternate trim finishes available
- Torsion springs pre-installed
- Optional friction blades for installation
- Compatible with most 6" recessed housings
- Dimmable to 5% with select dimmers
- Damp and wet location listed (shower rated)
- Rated for IC, ICAT and may be used in Non-IC housings
- AIR-TITE™ certified per ASTM-E283
- Five-year limited warranty



7.25"
[184.04mm]

4.38"
[11.26mm]



3.06"
[77.7mm]
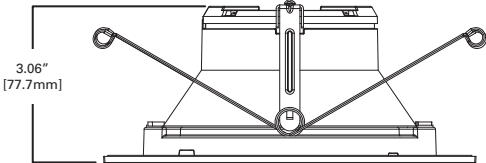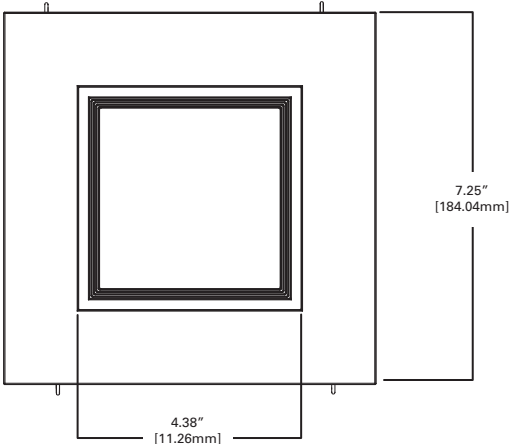
## Ordering Information

**SAMPLE NUMBER:** RSQ6089301EMWWB

| Models | Lumens | CRI / CCT |
|---|---|---|
| **RSQ6** = 6" all- purpose square LED module | **08**=800 lumen (nominal) | **927**=90 CRI (min), 2700K CCT<br>**930**=90 CRI (min), 3000K CCT<br>**935**=90 CRI (min), 3500K CCT<br>**940**=90 CRI (min), 4000K CCT<br>**9FS**=90 CRI minimum, field selectable 2700, 3000, 3500, 4000 or 5000 K CCT [1] |

| Driver | Finish | Accessories |
|---|---|---|
| **1E**= 120V 60Hz, LE &TE phase cut 5% dimming | **MWWB**= matte white flange and baffle | **RSQ6TRMMW** = 6" square trim, matte white flange and splay, field paintable<br>**RSQ6TRMSNB** = 6" square trim, satin nickel flange and baffle<br>**RSQ6TRMTBZB** = 6" square trim, tucson bronze flange and baffle |

1. Coming soon.

### RSQ6 Designer Trims (Order Separately)



**RSQ6TRMMW**
White (Paintable)



**RSQ6TRMSNB**
Satin Nickel
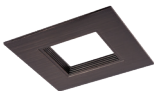


**RSQ6TRMTBZB**
Tuscan Bronze

| ENERGY DATA | | | | |
|---|---|---|---|---|
| Lumens | 800 Series | | Inrush (A) | 0.69 A @ 14mS |
| Input Voltage | 120V | | THD | ≤ 20% |
| Input Current | 82 (mA) | | PF | ≥ 0.90 |
| Input Power | 9.8 (W) | | T Ambient | -40° - +40°C |
| Efficiency | 84.5 (LPW) | | Sound Rating | ≤ 21dba |



Refer to ENERGY STAR® Certified Products List. Can be used to comply with California Title 24 High Efficacy requirements. Certified to California Appliance Efficiency Database under JA8.
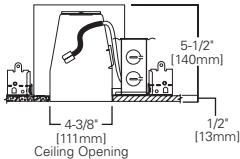
**RSQ4 are rated for installation in 4" HALO and other housings.**

| | |
|---|---|
| **HALO LED[1]** | H245ICAT, H245RICAT, H995ICAT, H995RICAT |
| **HALO** | H99TAT, H99RTAT, H99ICAT, E4TATSB, E4RTATSB, E4ICATSB |
| **Other Brands** | The RSQ4 is UL Certified for use with any 4" diameter recessed housing constructed of steel or aluminum with an internal volume that exceeds 52.9 in³ in addition to those noted above. |

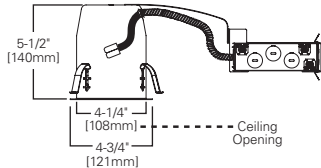1 HALO LED housings are non-screw base, high-efficacy code compliant.

## H995ICAT
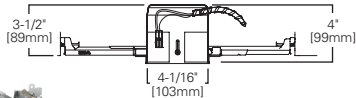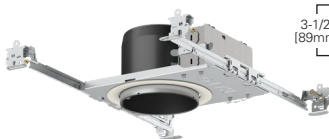
4" LED, IC, AIR-TITE,
New Construction Housing



## H995RICAT

4" LED, IC, AIR-TITE,
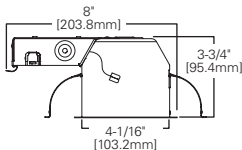Remodel Housing



## H245ICAT

4" LED, Ultra-shallow, IC, AIR-TITE, New Construction Housing



## H245RICAT

4" LED, Ultra-shallow, IC, AIR-TITE, Remodel Housing



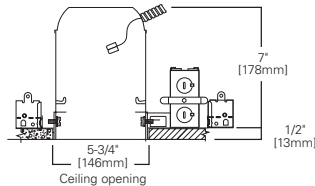**RSQ5 are rated for installation in 5" HALO and other housings.**

| | |
|---|---|
| **HALO 5" LED[1]** | H550ICAT, H550RICAT, E550ICAT, E550RICAT |
| **HALO 5"** | E5ICAT, E5RICAT, E5RTAT, E5TAT, E5TATNB, H25ICAT, H25ICATNB, H5ICAT, H5ICATNB, H5RICAT, H5RT, H5T, H5TNB |
| **Other Brands\*** | The RSQ5 is UL Certified for use with any 5" diameter recessed housing constructed of steel or aluminum with an internal volume that exceeds 97.4 in³ in addition to those noted above. |

*When using RSQ5 torsion springs for retrofit some housings will not have torsion spring receiver brackets –use HALO ML7RAB retrofit adapter band (order separately)

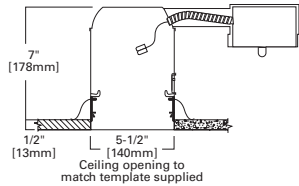1 HALO LED housings are non-screw base, high-efficacy code compliant.

## H550ICAT

5" LED, IC, AIR-TITE, Standard
New Construction Housing



## H550RICAT

5" LED, IC, AIR-TITE, Standard
Remodel Housing

# RSQ6 Housing Compatibility

**RSQ6 are rated for installation in 6" HALO and other housings.**

| | |
|---|---|
| **HALO 6" LED[1]** | H750ICAT, H750RICAT, H750T, H750TCP, H2750ICAT, H2750RICAT, E750ICAT, E750RICAT |
| **HALO 6"** | H7ICAT, H7RICAT, H7ICT, H7RICT, H7ICATNB, H7ICTNB, H7T, H7RT, H7TNB, H7TCP, H7UICT, H7UICAT, H27ICAT, H27RICAT, H27T, H27RT, E7ICAT, E7RICAT, E27ICAT, E27RICAT, E7ICATNB, E7TAT, E7RTAT, E7TATNB, E27TAT, E27RTAT |
| **Other Brands*** | The RSQ6 is UL Certified for use with any 6" diameter recessed housing constructed of steel or aluminum with an internal volume that exceeds 112.2 in$^3$ in addition to those noted above. |

*When using RSQ6 torsion springs for retrofit some housings will not have torsion spring receiver brackets –use HALO ML7RAB retrofit adapter band (order separately)

1 HALO LED housings are non-screw base, high-efficacy code compliant.

## H750ICAT
6" LED, IC, AIR-TITE, Standard New Construction Housing



7" [176mm]

6-1/2" [165mm]  1/2" [13mm]
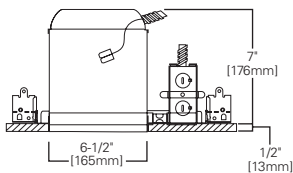
## H2750ICAT
6" LED, IC, AIR-TITE, Shallow New Construction Housing



5" [127mm]

6-1/2" [165mm]  1/2" [13mm]

## H750RICAT
6" LED, IC, AIR-TITE, Standard Remodel Housing



7" [178mm]

6-1/4" [159mm]  1/2" to 5/8" [13mm to 15mm]

Ceiling Opening to match template supplied
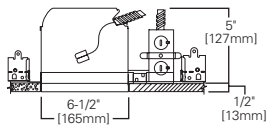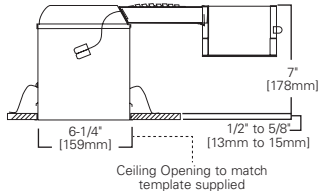
## RSQ4
4-inch square LED downlight

| | CCT | Lumens | Power (W) | LPW |
|---|---|---|---|---|
| **RSQ4** | 2700K | 807 | 9.2 | 88.0 |
| | 3000K | 814 | 9.2 | 88.9 |
| | 3500K | 825 | 9.3 | 89.1 |
| | 4000K | 835 | 9.1 | 91.8 |

## RSQ5
5-inch square LED downlight

| | CCT | Lumens | Power (W) | LPW |
|---|---|---|---|---|
| **RSQ5** | 2700K | 813 | 9.4 | 86.1 |
| | 3000K | 837 | 9.4 | 88.7 |
| | 3500K | 828 | 9.4 | 88.4 |
| | 4000K | 840 | 9.4 | 89.2 |

### RSQ4089301EMWWB

| | | |
|---|---|---|
| **Luminaire lumens** | | 814 |
| **Input watts** | | 9.2 |
| **LER (LPW)** | | 88.9 |
| **Spacing Criteria** | 0-180 | 1.16 |
| | 90-270 | 1.16 |
| | Diagonal | 1.26 |
| **Beam angle (degrees)** | | 90.2 |
| **Field angle (degrees)** | | 143.1 |
| **Zonal lumen** | Lumens | % Lumens |
| 0-30 | 282 | 34.7 |
| 0-40 | 446 | 54.8 |
| 0-60 | 712 | 87.5 |
| 0-90 | 814 | 100 |
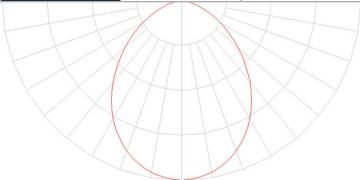
**Color Metric Summary-3000K**

| TM-30-15 | Rf = 91 |
|---|---|
| | Rg = 98 |
| CRI/CIE | Ra = 92 |
| | R9 = 63 |

CCT - Range of 2700K- 5000K

warm — cool

**110°**

### RSQ5089301EMWWB

| | | |
|---|---|---|
| **Luminaire lumens** | | 837 |
| **Input watts** | | 9.4 |
| **LER (LPW)** | | 88.7 |
| **Spacing Criteria** | 0-180 | 1.14 |
| | 90-270 | 1.14 |
| | Diagonal | 1.24 |
| **Beam angle (degrees)** | | 89.1 |
| **Field angle (degrees)** | | 143.1 |
| **Zonal lumen** | Lumens | % Lumens |
| 0-30 | 293 | 35 |
| 0-40 | 460 | 55 |
| 0-60 | 731 | 87.4 |
| 0-90 | 836 | 100 |
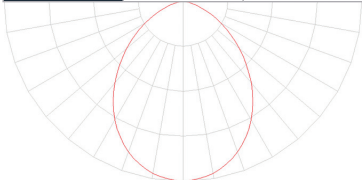
**Color Metric Summary-3000K**

| TM-30-15 | Rf = 90.9 |
|---|---|
| | Rg = 100.7 |
| CRI/CIE | Ra = 94.1 |
| | R9 = 68.4 |

CCT - Range of 2700K- 5000K

warm — cool

**110°**

*Additional photometric ies files available online.

*Additional photometric ies files available online.

## RSQ6
6-inch square LED downlight

| | CCT | Lumens | Power (W) | LPW |
|---|---|---|---|---|
| RSQ6 | 2700K | 835 | 9.4 | 88.6 |
| | 3000K | 844 | 9.3 | 90.4 |
| | 3500K | 835 | 9.4 | 89.2 |
| | 4000K | 845 | 9.3 | 90.5 |

### RSQ6089301EMWWB

| | | |
|---|---|---|
| Luminaire lumens | | 844 |
| Input watts | | 9.3 |
| LER (LPW) | | 90.4 |
| Spacing Criteria | 0-180 | 1.16 |
| | 90-270 | 1.16 |
| | Diagonal | 1.26 |
| Beam angle (degrees) | | 90.8 |
| Field angle (degrees) | | 144.1 |
| Zonal lumen | Lumens | % Lumens |
| 0-30 | 290 | 34.4 |
| 0-40 | 458 | 54.3 |
| 0-60 | 734 | 86.9 |
| 0-90 | 844 | 100 |
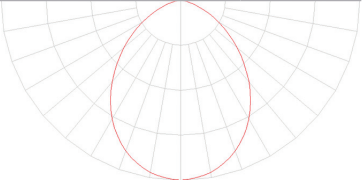
### Color Metric Summary-3000K

| | | |
|---|---|---|
| TM-30-15 | Rf = 91 | |
| | Rg = 99 | |
| CRI/CIE | Ra = 93 | |
| | R9 = 68 | |

CCT - Range of 2700K- 5000K
warm　　cool

110°

*Additional photometric ies files available online.

**Cooper Lighting Solutions**
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.cooperlighting.com

Canada Sales
5925 McLaughlin Road
Mississauga, Ontario L5R 1B8
P: 905-501-3000
F: 905-501-3172

**Lighting Brands**
Ametrix
AtLite
Corelite
Ephesus
Fail-Safe
HALO
HALO Commercial
Invue
iO
Iris
Lumark
Lumière
McGraw-Edison
Metalux
MWS
Neo-Ray
Portfolio
PrentaLux - 3D Printed
Lighting
RSA
Shaper
Streetworks
Sure-Lites
Telensa

**Controls Brands**
Greengate
Fifth Light
Intelligent Lighting Controls

**Connected Lighting Systems
and Smart Spaces Platform**
WaveLinx