

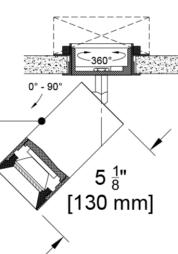
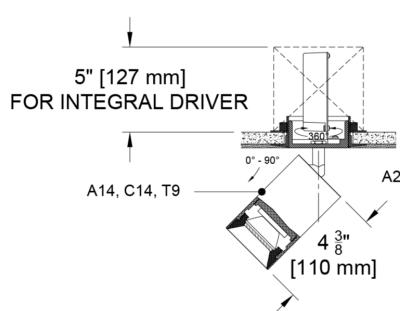
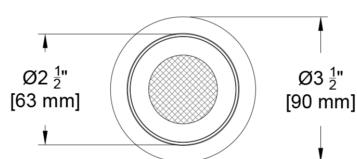
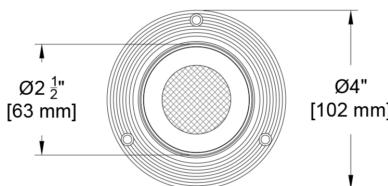
# Scope Original

The Scope Monopoint offers 4 standard mounting conditions, the system is highly flexible and facilitates modifications. If you need a mounting condition you don't see, just ask. The Monopoint offers most of the same sources and drivers as its downlight kin allowing flawless transition from recessed to exposed fixtures. Last but not least, the aluminum components, machined in New Jersey, allow for powder coat painting or anodize, opening our full pallet of 40 standard finishes plus the option for RAL# or custom paint match.

2.5" Round Z (Flangeless)



2.5" Round F (Flanged)



## Finish Options - See finish guide for full spectrum of colors

PXX- Powder Coat Paint examples



P14 White Paint P13 Moog Bronze

AXX- Anodize finish examples



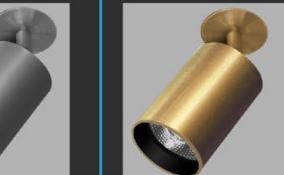
A01 Black Anod. A32 Clear A20 Blue

AMXX- Matte Anodize



AM32 Clear B05 Satin Brass

BXX- Brass finish



B05 Satin Brass

PROJECT:

TYPE:

SPECIFIER:

DATE:

## Key Points (SCOM-RA)

### Housing

- c<sub>UL</sub> CSA listed to UL 1598 - damp rated
- Precision CNC machined aluminum in New Jersey
- 40 finish options + Custom/RAL#
- Multiple mounting options, including sloped ceilings
- Flanged (can be used in wood or GWB), Flangeless, or Panel Trim (millwork)
- Adjustable 360° degree rotation and 90° degree tilt

### Source / Optics

- 4 beam spreads - 20°, 28°, 40° and 60°
- Up to 1307 delivered lumens
- <2 MacAdams Ellipses (<2 SDCM) for fixed white
- 2400K, 2700K, 3000K, 3500K, 4000K Ambient Dim, RGBWW, Tunable White options
- 90+ CRI, 60+ R9 Standard, 95+ CRI, 90+ R9 available with Ambient Dim option
- **TITLE 24 JA8** Supports CA Title 24 Requirements to JA8 in most configurations
- Lifetime: L87B3>55,000 hours at 40°C Ambient

### Driver And Control

- Drivers integral with fixture in some mounting options - see drawings
- TruPhase™, 0-10, DALI-2, DMX, Ecosystem or Wireless Control
- Flicker free to IEEE 1789-2015 available with EldoLED and TruPhase™ selections
- Universal 120-277v

# Ordering Codes

## PROJECT:

### SPECIFIER:

DATE:

TYPE:

**QUANTITY:**

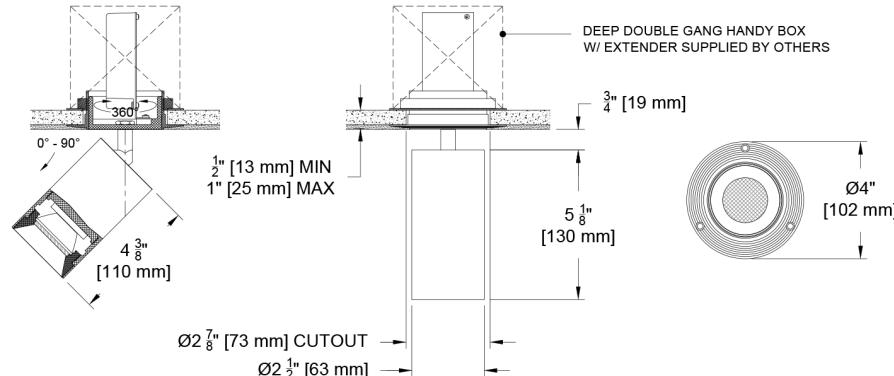
*Ordering Code Example: SCOM-RA-F-SM-C14-30-35-C1-A01-91L*

# Ceiling Cutouts and Dimensions

## Flangeless Monopoint (Integral Driver)

## Plaster Surface Mount (SM)

(SCOM-RA-Z-SM-)



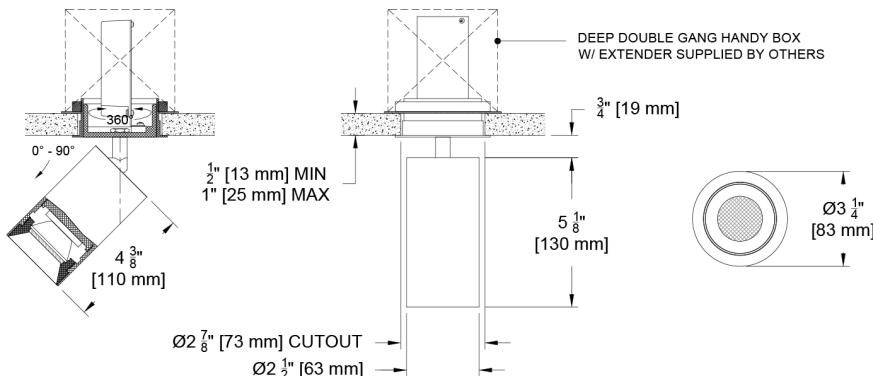
## Integral Driver

See *Integral Driver Detail* page for recessed depth and j-box configurations by driver type.

## Flanged Monopoint (Integral Driver)

## Flanged Surface Mount (SM)

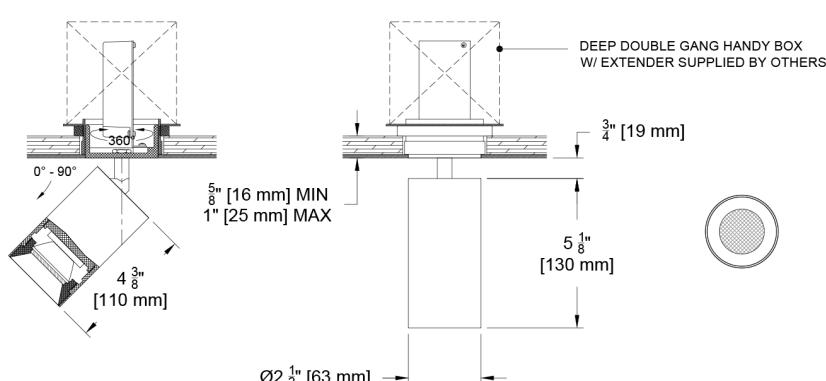
(SCOM-RA-F-SM-)



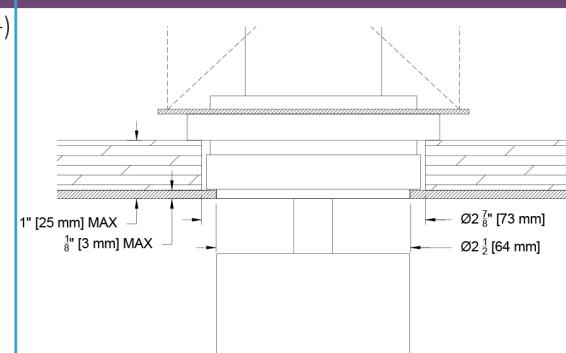
## Flangeless Monopoint (Integral Driver)

## Panel Mount (PM)

(SCOM-RA-Z-PM-)



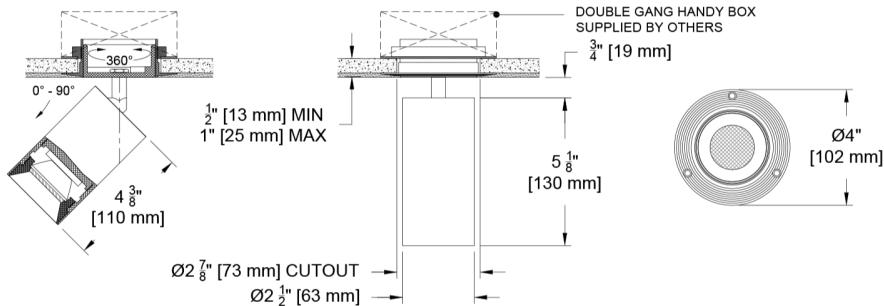
## Panel Mount Detail



## Ceiling Cutouts and Dimensions

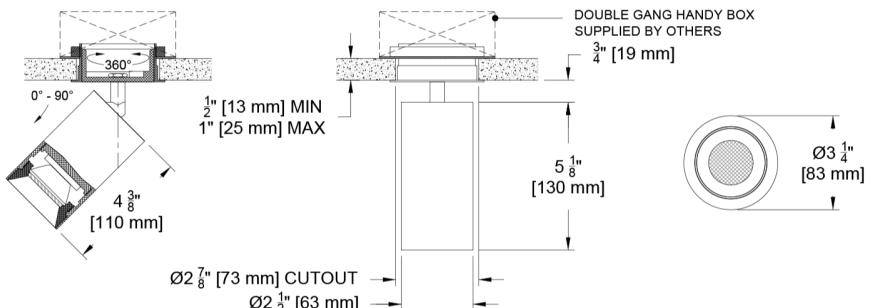
### Flangeless Monopoint (Remote Driver)

### Plaster Surface Mount (SM#R) (SCOM-RA-Z-SM#R-)



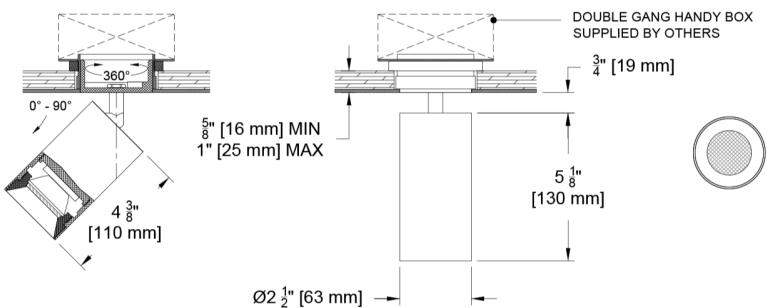
### Flanged Monopoint (Remote Driver)

### Flanged Surface Mount (SM#R) (SCOM-RA-F-SM#R-)



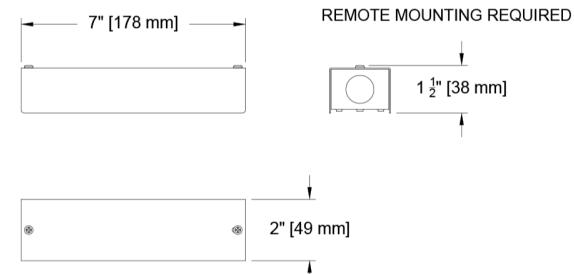
### Flangeless Monopoint (Remote Driver)

### Panel Mount (PM#R) (SCOM-RA-Z-PM#R-)



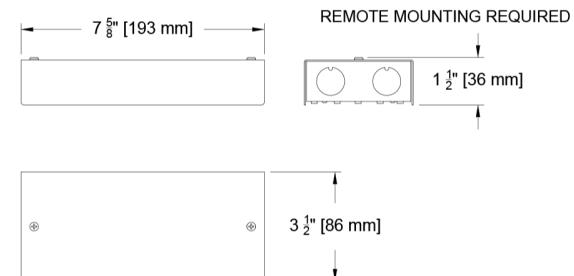
### Remote Driver Box

### for E1, E2, E3, C1, C2, TR2



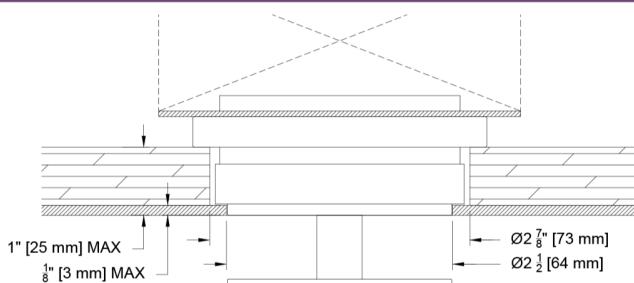
### Remote Driver Box

### for E4, LD



\* Double gang handy box supplied by others for fixture mount & low voltage wiring

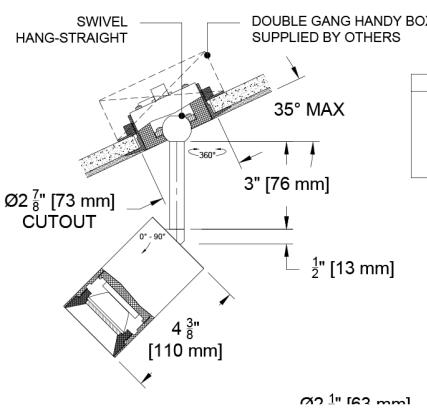
### Panel Mount Detail





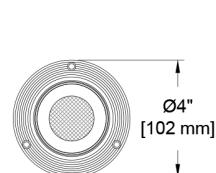
# Ceiling Cutouts and Dimensions

## Flangeless Monopoint (Remote Driver)



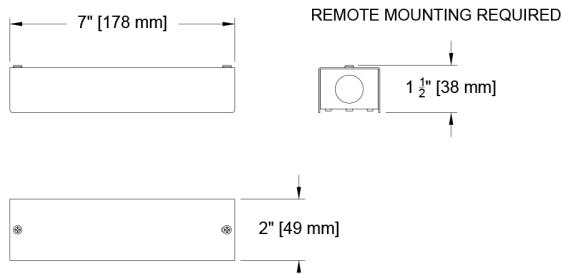
## Plaster Surface Mount Sloped Ceiling Remote Driver (SCSM#R)

(SCOM-RA-Z-SCSM#R-)

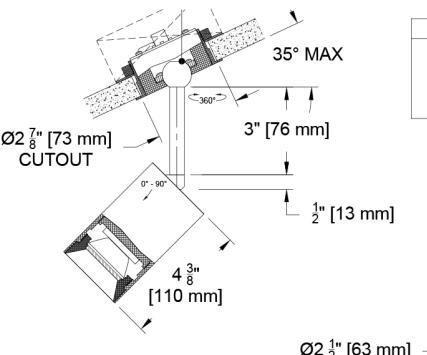


## Remote Driver Box

for E1, E2, E3, C1, C2, TR2



## Flanged Monopoint (Remote Driver)



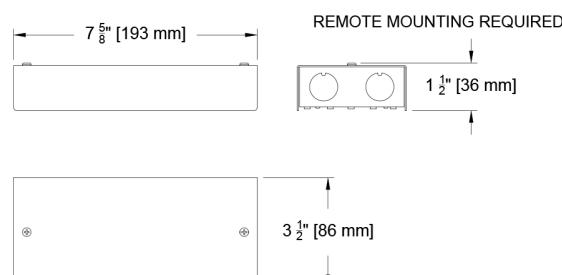
## Flanged Surface Mount Sloped Ceiling Remote Driver (SCSM#R)

(SCOM-RA-F-SCSM#R-)

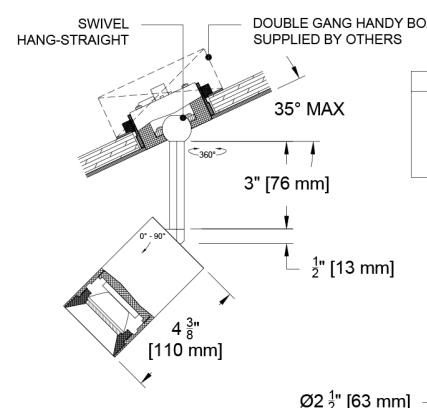


## Remote Driver Box

for E4, LD



## Flangeless Monopoint (Remote Driver)

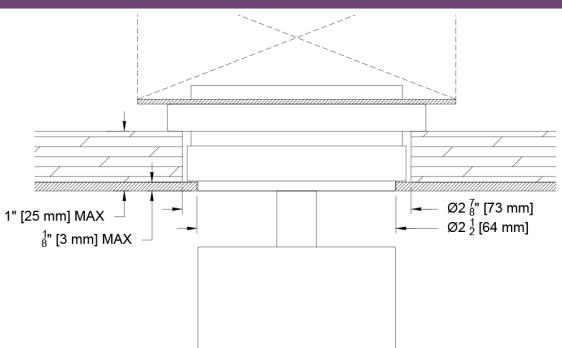


## Panel Mount Sloped Ceiling Remote Driver (SCPM#R)

(SCOM-RA-Z-SCPM#R-)



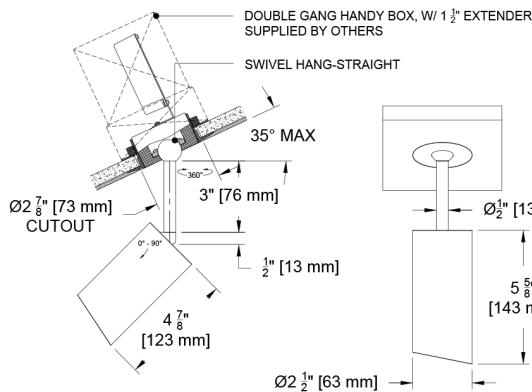
## Panel Mount Detail



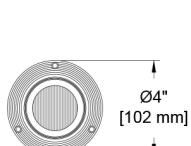
\* Double gang handy box supplied by others for fixture mount & low voltage wiring

## Ceiling Cutouts and Dimensions

### Flangeless Monopoint (Integral Driver)



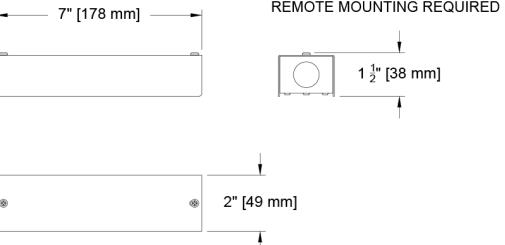
Plaster Surface Mount Sloped Ceiling Integral Driver (SCSMR)  
(SCOM-RA-Z-SCSMR-)



Ø1 1/2" [13 mm]  
5 5/8" [143 mm]

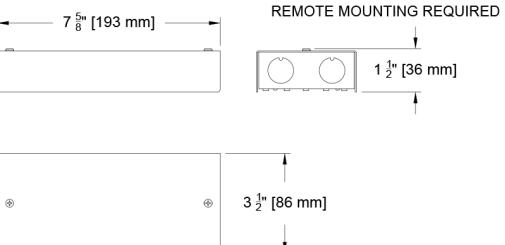
### Remote Driver Box

for E1, E2, E3, C1, C2, TR2

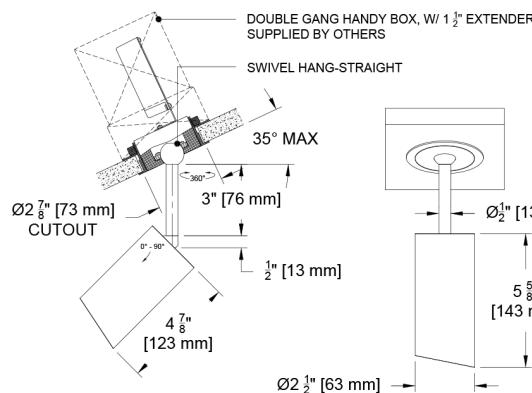


### Remote Driver Box

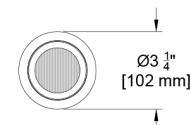
for E4, LD



### Flanged Monopoint (Integral Driver)



Flanged Surface Mount Sloped Ceiling Integral Driver (SCSMR)  
(SCOM-RA-F-SCSMR-)



Ø3 1/4" [102 mm]  
5 5/8" [143 mm]

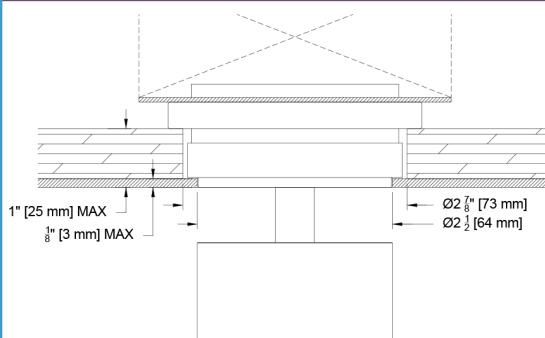
### Flangeless Monopoint (Integral Driver)

Panel Mount Sloped Ceiling Integral Driver (SCPMR)  
(SCOM-RA-Z-SCPMR-)



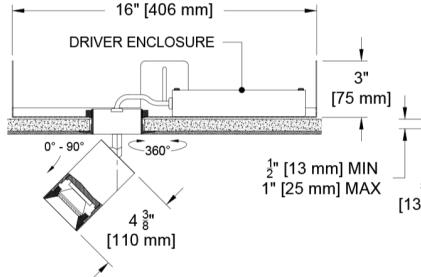
Ø1 1/2" [13 mm]  
5 5/8" [143 mm]

### Panel Mount Detail



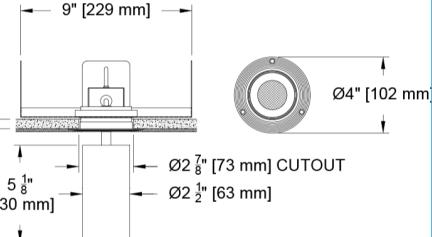
# Ceiling Cutouts and Dimensions

## Flangeless Monopoint (Remote Driver)

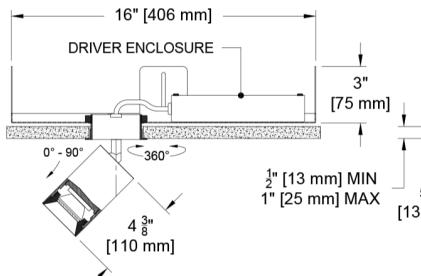


## Plaster Surface Mount (SM#R) Bracket Pan (#BP)

(SCOM-RA-Z-SM#R#BP-)

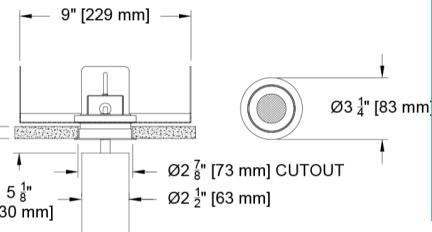


## Flanged Monopoint (Remote Driver)

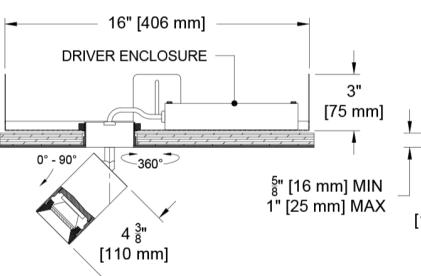


## Flanged Surface Mount (SM#R) Bracket Pan (#BP)

(SCOM-RA-F-SM#R#BP-)

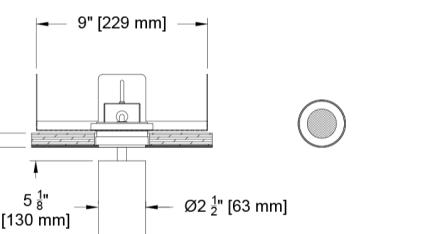


## Flangeless Monopoint (Remote Driver)



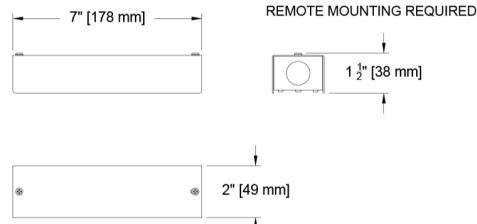
## Panel Mount (PM#R) Bracket Pan (#BP)

(SCOM-RA-Z-PM#R#BP-)



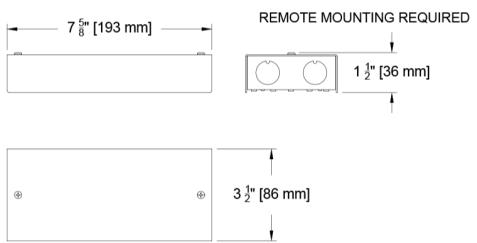
## Remote Driver Box

for E1, E2, E3, C1, C2, TR2



## Remote Driver Box

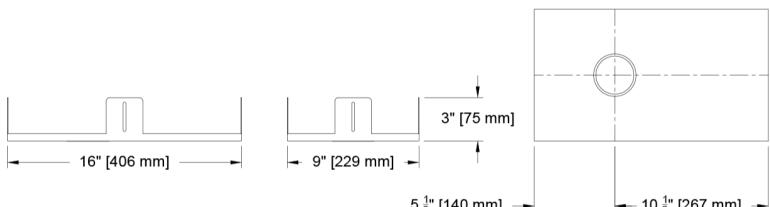
for E4, LD



## Bracket Pan Detail

BP

(SCOM-RA-Z-#BP-)



## Panel Mount Detail

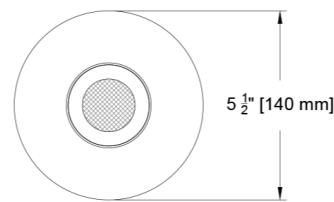
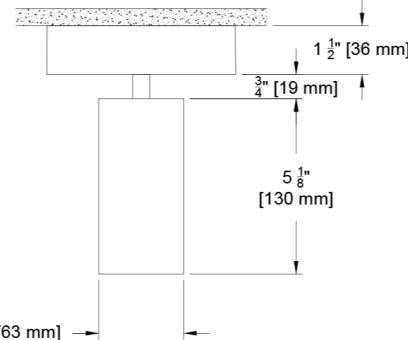
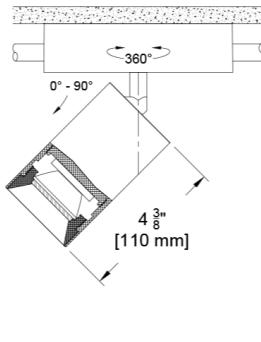


# Ceiling Cutouts and Dimensions

## Surface Monopoint (Integral Driver)

## Surface Mount Large Junction Box (Integral Driver) SMLJB

(SCOM-RA-CP-SMLJB-)

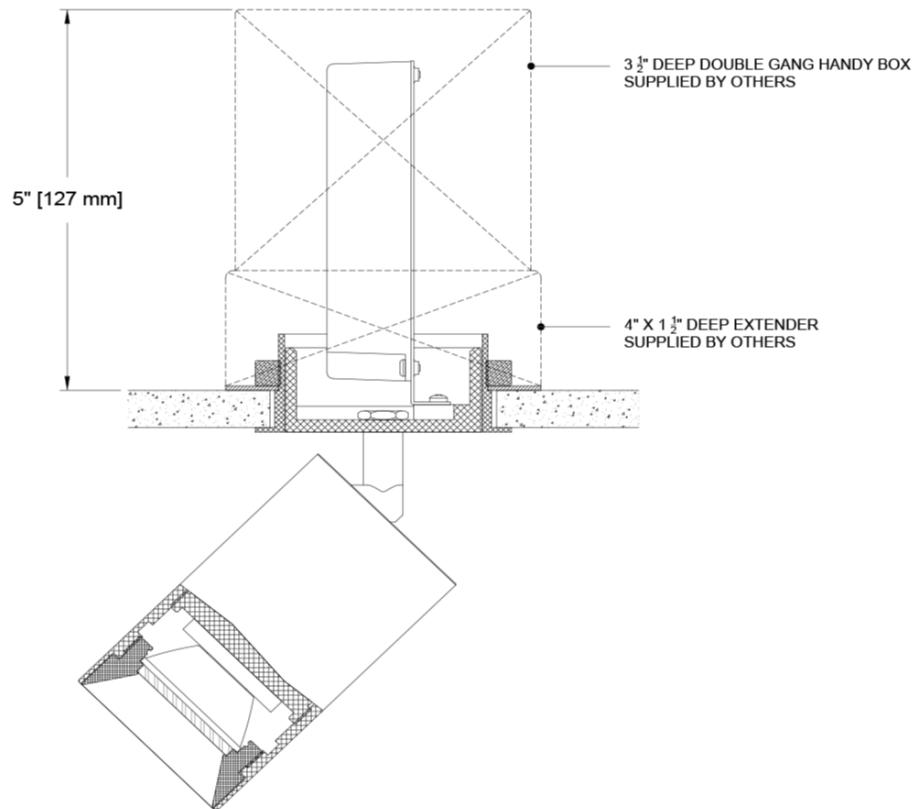


# Integral Driver Detail

J-Box Configurations by Driver Type

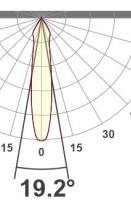
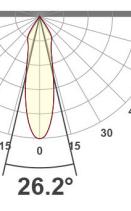
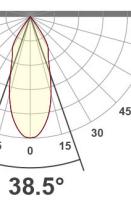
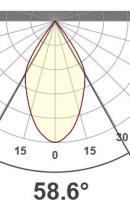
## Integral Driver J-Box Configuration

E1, E2, E3, C1, C2 Drivers



# Photometric Table

All data below are delivered lumens based on goniometer measurements of production representative product. All lumen values can vary +/- 10% from LED manufacturer rated nominal flux. The following combinations do not meet California Title 24 efficacy requirements - Ambient Dim 15°, Tunable White 1840 15° and 35° beams. Tunable White source with tight beams may result in chip imaging in the near field

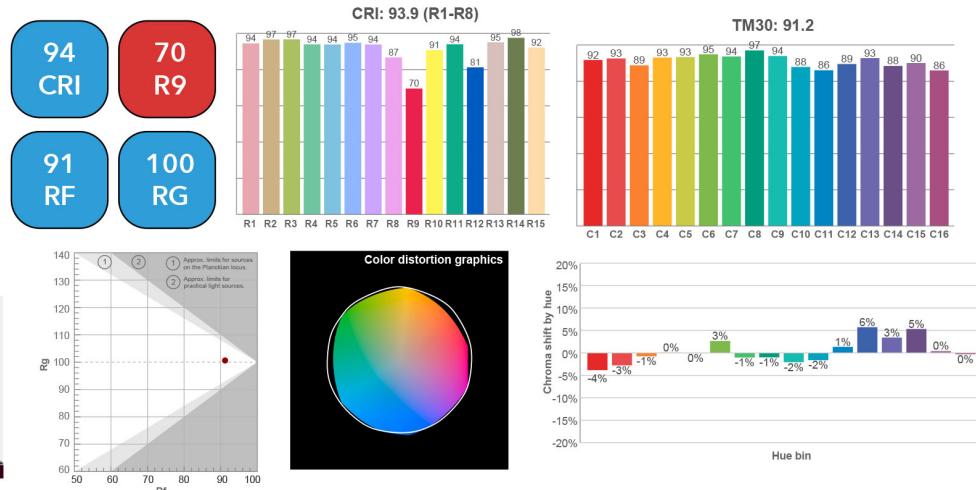
| CYLINDER<br>Beamspreads |                     | 20°   |                 |            |           | 28°   |                 |            |           | 40°   |                 |            |           | 60°   |              |            |           |
|-------------------------|---------------------|---|-----------------|------------|-----------|---|-----------------|------------|-----------|---|-----------------|------------|-----------|---|--------------|------------|-----------|
|                         | System<br>watts (W) | Delivered<br>Lumens<br>(lm)   | Lumens/<br>Watt | Peak<br>CD | 10% Field | Delivered<br>Lumens<br>(lm)   | Lumens/<br>Watt | Peak<br>CD | 10% Field | Delivered<br>Lumens<br>(lm)   | Lumens/<br>Watt | Peak<br>CD | 10% Field | Del.<br>Lumens<br>(lm)  | Lms/<br>Watt | Peak<br>CD | 10% Field |
| Citizen C14             | 14                  | 1290  | 92              | 4733       | 68°       | 1292  | 92              | 3395       | 71°       | 1255  | 90              | 2296       | 74°       | 1307  | 93           | 1702       | 78°       |
| Ambient Dim A14         | 15                  | 851   | 58              | 3509       | 66°       | 810   | 55              | 2246       | 71°       | 783   | 54              | 1519       | 73°       | 836   | 57           | 1105       | 77°       |
| Tunable White - 1840    | 10                  | 467   | 46              | 2337       | 42°       | N/A   | N/A             | N/A        | N/A       | 436   | 43              | 837        | 72°       | N/A   | N/A          | N/A        | N/A       |
| Tunable White - 2765    | 10                  | 587   | 60              | 2757       | 41°       | N/A   | N/A             | N/A        | N/A       | 574   | 59              | 1075       | 74°       | N/A   | N/A          | N/A        | N/A       |
| CCT Multiplier          |                     | Beam angle  |                 |            |           | Beam angle  |                 |            |           | Beam angle  |                 |            |           | Beam angle  |              |            |           |
| CCT                     | Citizen             |   |                 |            |           |   |                 |            |           |   |                 |            |           |   |              |            |           |
| 2700                    | 0.95                |  |                 |            |           |  |                 |            |           |  |                 |            |           |  |              |            |           |
| 3000                    | 1.00                |   |                 |            |           |   |                 |            |           |   |                 |            |           |   |              |            |           |
| 3500                    | 1.02                |   |                 |            |           |   |                 |            |           |   |                 |            |           |   |              |            |           |
| 4000                    | 1.03                |   |                 |            |           |   |                 |            |           |   |                 |            |           |   |              |            |           |

All Measurements are delivered lumens based on 3000K unless otherwise noted below. Ambient Dim measured at full output. Tunable White measurements at mid-point CCT of range (2700K for 1840 and 4500K for 2765 source). ISO CD Plots based C14 Source. Tunable White with tight beams may result in chip imaging in near field applications.

## Color Data

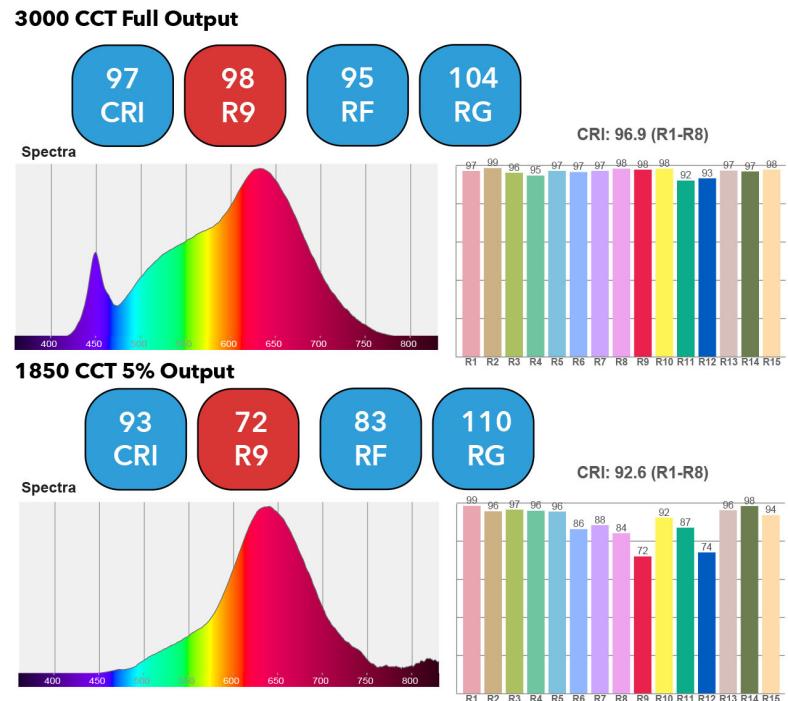
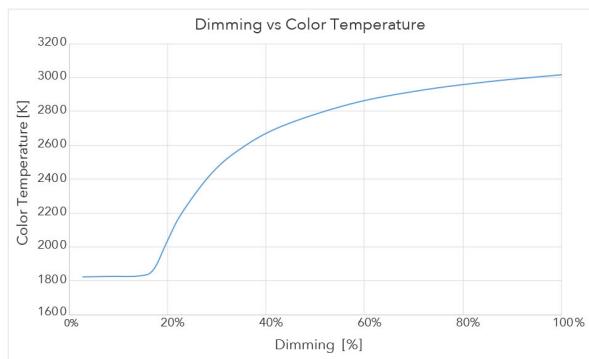
### Citizen Source C14, C20

- <2 MacAdam Ellipse (<2 SDCM)
- 90+ CRI and RF
- 60+R9, Hue Bin 1



### Ambient Dim Source A14 (AD - 3000k to 1900k)

- <3 MacAdam Ellipse (<3 SDCM)
- 95+ CRI and RF
- 90+R9, Hue Bin 1
- Follows Black Body Locus through dimming range



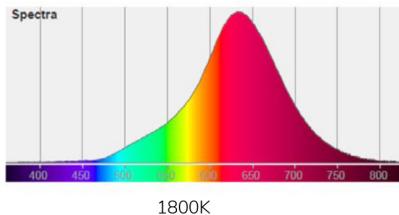
## Tunable White source T7 - CCT 1840 (1800k to 4000k)

- <3 MacAdam Ellipse (<3 SDCM)
- 94 CRI average across all CCTs
- 76 R9 average across all CCTs
- Available in both wired or wireless control

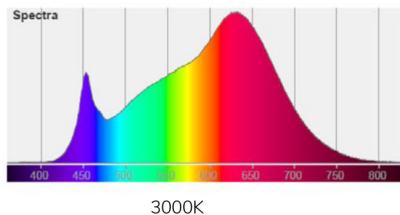
| INK                  | TUNABLE WHITE - 1800-4000K |      |      |      |      |      |      |
|----------------------|----------------------------|------|------|------|------|------|------|
| Color Temp           | 1800                       | 2200 | 2500 | 2700 | 3000 | 3500 | 4000 |
| System Watts         | 10                         | 10   | 10   | 10   | 10   | 10   | 10   |
| Delivered Lumens     | 360                        | 412  | 445  | 467  | 513  | 543  | 543  |
| Luminaire Efficiency | 36                         | 41   | 44   | 46   | 51   | 54   | 54   |

Flux and Color data based on 20° measurement at 2700K. All other values are extrapolated from actual and analytical tests.

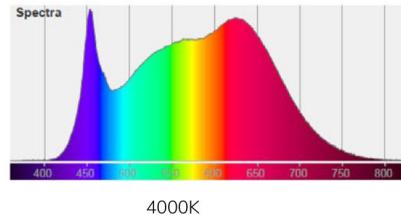
Spectral Power Distributions at all listed CCTs available upon request



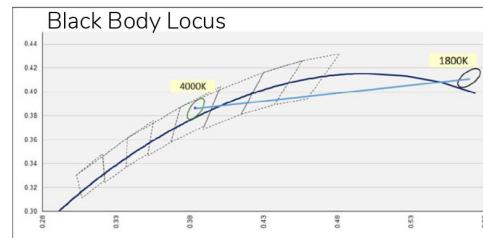
1800K



3000K



4000K



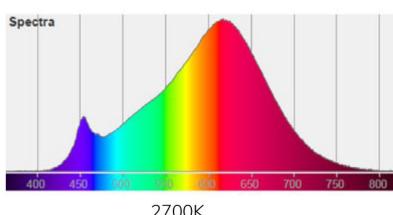
## Tunable White source T7 - CCT 2765 (2700k to 6500k)

- <3 MacAdam Ellipse (<3 SDCM)
- 94 CRI average across all CCTs
- 96 R9 average across all CCTs
- Available in both wired or wireless control

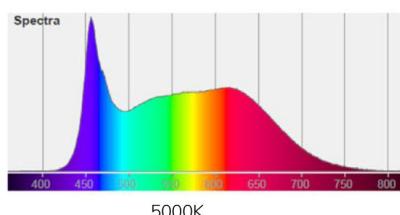
Spectral Power Distributions at all listed CCTs available upon request

| INK                  | TUNABLE WHITE - 2700-6500K |      |      |      |      |      |      |      |
|----------------------|----------------------------|------|------|------|------|------|------|------|
| Color Temp           | 2700                       | 3000 | 3500 | 4000 | 4500 | 5000 | 5500 | 6000 |
| System Watts         | 10                         | 10   | 10   | 10   | 10   | 10   | 10   | 10   |
| Delivered Lumens     | 552                        | 569  | 587  | 574  | 587  | 586  | 585  | 584  |
| Luminaire Efficiency | 56                         | 58   | 60   | 59   | 60   | 60   | 60   | 60   |

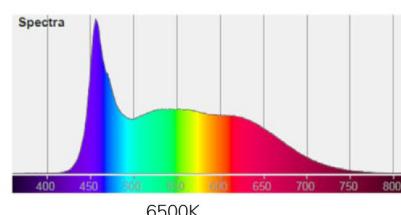
Flux and Color data based on 20° measurement at 4500K. All other values are extrapolated from actual and analytical tests.



2700K



5000K



6500K

