

## Scope Vardi

The Vardi is a new collection offered in a surface mount multi-head or monopoint configuration. The monopoint derivative combines the Vardi 2" head with all the mounting features and finishes of the Scope Original 2.5" product. With integral and remote driver options we offer 9 standard mounting conditions including flangeless applications for wood ceilings (Panel Mount). If you need a mounting condition you don't see, just ask. 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.

PROJECT:

TYPE:

SPECIFIER:

DATE:

### Key Points (SCVM-RA)

#### Housing / Head

-  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° rotation and 90° tilt

#### Source / Optics

-  , RGBW & Tunable White options
- 2700k, 3000k, 3500k, 4000K
- up to 748 delivered lumens
- <2 MacAdams Ellipses (<2 SDCM) for fixed white
- 90+ CRI, 60+ R9 for static white. 95+ CRI, 90+R9 for Ambient Dim
- 2 beam spreads - 15° and 30°
- [View Photometry](#)
-  Compliant to  with Airtight Housing

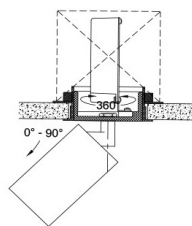
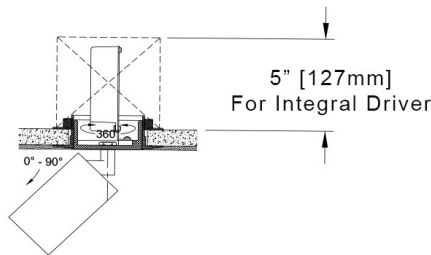
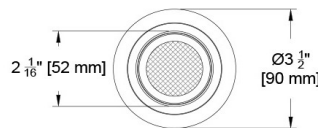
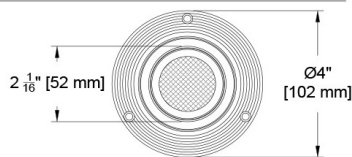
#### Driver / Control

- Drivers integral with fixture in some mounting options - see drawings
-  - Dim to 0.1% - 120V only
- Flicker free to IEEE 1789-2015 available with EldoLED or TruPhase™ selection
- Universal 120-277v

### 2" Round Z (Flangeless)



### 2" Round F (Flanged)



Ordering Codes

PROJECT:

SPECIFIER:

DATE:

TYPE:

QUANTITY:

Ordering Code Example: SCVM-RA-F-SM-C9-35-30-C1-A01-91L

| FIXTURE                          | TRIM                                                                                                                                                                 | MOUNTING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SOURCE / WATTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CCT                                                                                                                | BEAM                                 | DRIVER / CONTROL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | HEAD FINISH                                                                                                                                                                                                                       | ACCESSORIES                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCVM-RA                          |                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                    |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Scope Vardi 2" Monopoint - Round | Standard (2.5")<br><br>F<br>Flanged Trim<br><br>Z<br>Flangeless Trim<br><br>Canopy (4")<br><br>CP<br>Canopy Plate for use with 4" Diameter Pancake Box/Octagonal Box | SM<br>Surface Mount * †<br><br>SMR<br>Surface Mount ^ Δ<br><br>SMHS - Surface Mount * †<br>furnished with Hang Straight<br><br>SCSMR<br>Sloped Ceiling Surface Mount ^ Δ (furnished with Hang-Straight)<br><br>SMLJB - Surface Mount †<br>Large Junction Box<br><br>PM<br>Panel Mount * †<br><br>PMR<br>Panel Mount ^ Δ<br><br>SCPM<br>Sloped Wood Ceiling Panel Mount ^ †<br><br>SCPMR<br>Sloped Ceiling Panel Mount ^ Δ (furnished with Hang-Straight)<br><br>CM<br>Canopy Mount Δ<br>Shallow Panel Installation<br><br>SHPM<br>Shallow Panel Mount * Δ<br><br>Retro-fit Installation<br><br>SHM<br>Shallow Surface Mount * Δ<br><br>* Deep double gang Handy box supplied by others for driver enclosure<br>^ Double gang Handy box supplied by others for fixture mount and low voltage wiring<br>† Integral Driver<br>Δ Remote Driver | Citizen<br><br>C5 ● ●<br>6W<br>484Lm*<br>90+CRI, 60+R9<br>Not compatible with C1, C2 drivers. Supports CA Title 24 when paired with all EldoLED<br><br>C9 ● ●<br>9W<br>748Lm*<br>90+CRI, 60+R9<br><br>Ambient Dim™<br><br>A5 ● ●<br>6W<br>315Lm*<br>95+CRI, 90+R9<br>Supports CA Title 24 when paired with all EldoLED and the Lutron<br><br>A9 ● ●<br>10W<br>609Lm*<br>95+CRI, 90+R9<br><br>● ● Supports CA Title 24 part 6 compliance to JA8 requirements<br><br>*Based on 30° Beam<br><br><a href="#">View Photometry</a> | 27<br>2700K<br><br>30<br>3000K<br><br>35<br>3500K<br><br>40<br>4000K<br><br>Ambient Dim™<br><br>3019<br>3000-1900K | 15<br>Spot<br><br>30<br>Narrow Flood | C1<br>0-10 ^ +<br>1.0%, UNV (120-277V) linear<br><br>C2<br>ELV/Triac ^ +<br>1.0%, (120-277V) linear<br><br>E1<br>0-10*<br>0.1%, UNV (120-277V) log<br><br>E2<br>DALI-2*<br>0.1%, UNV (120-277V) log<br><br>E3<br>0-10*<br>0.1%, UNV (120-277V) linear<br><br>E4 *<br>DMX<br>0.1%, UNV (120-277V) Universal DMX Driver/Controller RGBWW-DMX (INCLUDES DMX/RDM COMPATIBLE DRIVER WITH BUILT-IN DECODER - CONTROLLER BY OTHERS)<br><br>TR2<br>TruPhase™<br>0.1%, (120-120V) log Up to 20W Forward and Reverse compatible Phase Dimming Static White & Ambient Dim only<br><br>LD<br>Digital Ecosystem*<br>1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1<br><br>* Requires remote mounting<br>^integral driver standard, remote optional<br><br>+ Not compatible with C5 source. | B<br>Black Paint<br><br>W<br>White Paint^<br><br>PXX<br>Specialty Paint Color*<br><br>P01-P15<br><br>B05<br>Satin Brass^<br><br>BXX<br>Brass Finishes^^<br>B01-B07<br><br>^Stem comes in selected color<br><br>* See Finish Guide | Reflector (lamp) Media<br><br>91L<br>Solite*<br><br>97L<br>Black Hexcel Louver*<br><br>XXL<br>Other Reflector (lamp) Media*<br><br>Other<br><br>STM<br>Standard length 3/8"<br>For custom size, indicate in inches<br><br>Controls<br><br>LR<br>Lutron Wireless RF PowPak<br><br>ATH<br>Lutron Athena Wireless Node<br>Must be used with E2 driver (DALI-2)<br><br>CA<br>Casambi<br>Wireless BLE to be paired with driver<br><br>*see Lens Guide |

## Ceiling Cutouts and Dimensions

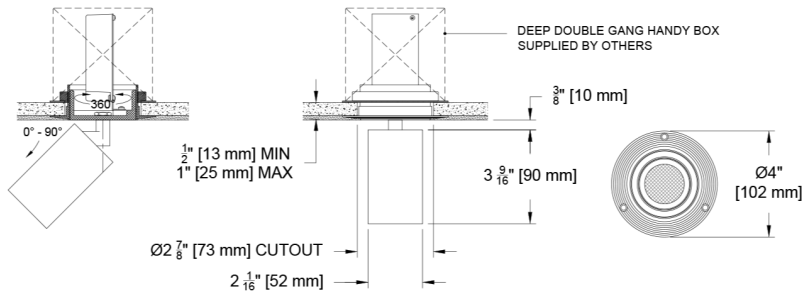
### Flangeless Monopoint (Integral Driver)

### Plaster Surface Mount (SM)

### Integral Driver

(SCVM-RA-Z-SM-)

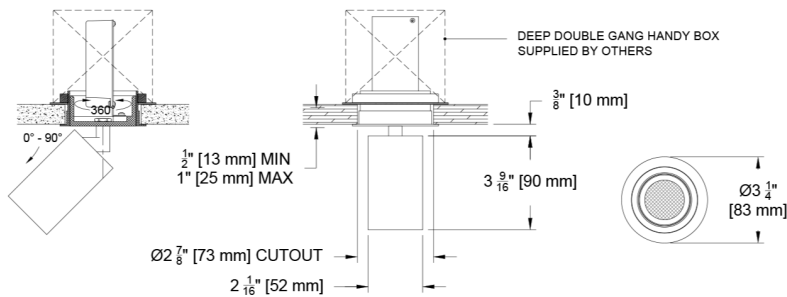
See *Integral Driver Detail Page* for recessed depth and j-box configurations by driver type.



### Flanged Monopoint (Integral Driver)

### Flanged Surface Mount (SM)

(SCVM-RA-F-SM-)

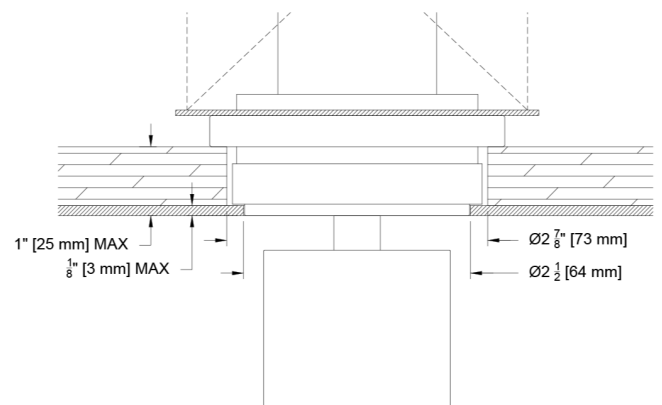
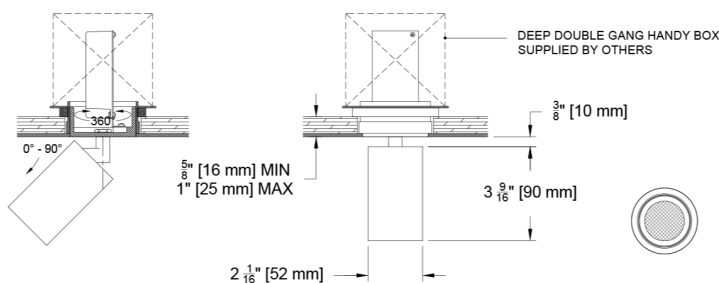


### Flangeless Monopoint (Integral Driver)

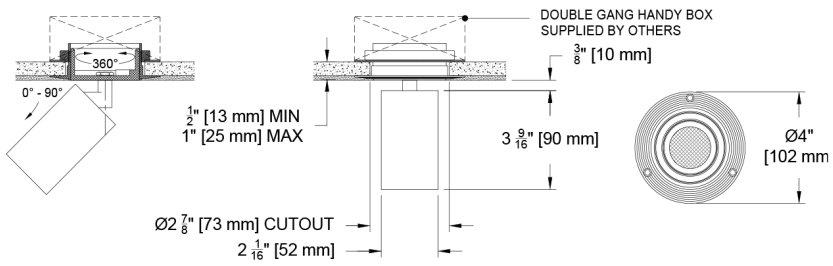
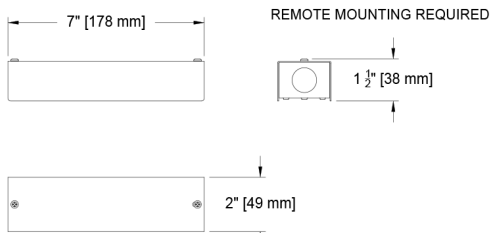
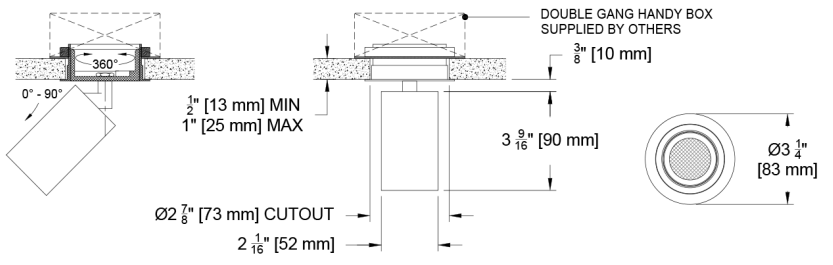
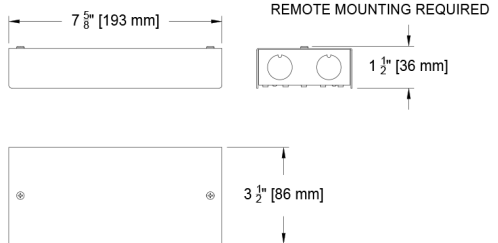
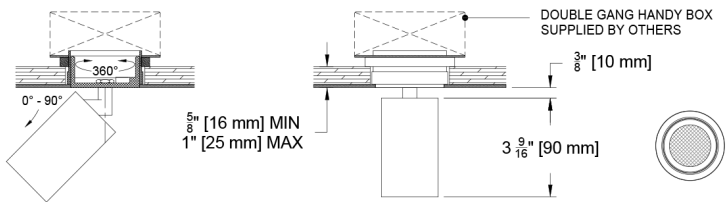
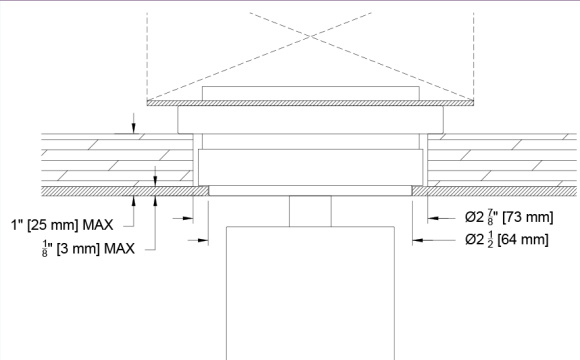
### Panel Mount (PM)

(SCVM-RA-Z-PM-)

### Panel Mount Detail



Ceiling Cutouts and Dimensions

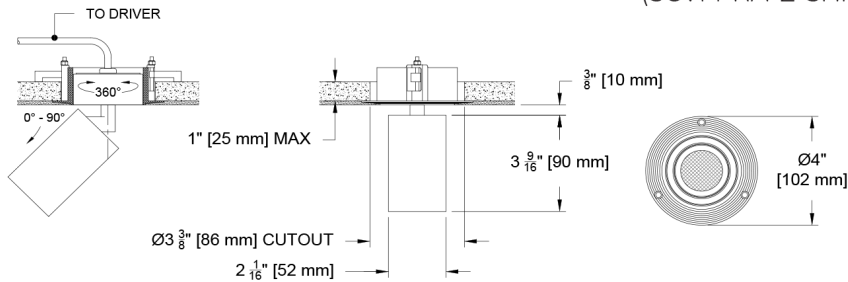
|                                                                                     |  |                                                 |                                                                                      |
|-------------------------------------------------------------------------------------|--|-------------------------------------------------|--------------------------------------------------------------------------------------|
| Flangeless Monopoint (Remote Driver)                                                |  | Plaster Surface Mount (SMR)<br>(SCVM-RA-Z-SMR-) | Remote Driver Box<br>for C1, C2, E1, E2, E3, TR2                                     |
|    |  |                                                 |   |
| Flanged Monopoint (Remote Driver)                                                   |  | Flanged Surface Mount (SMR)<br>(SCVM-RA-F-SMR-) | Remote Driver Box<br>for E4, LD                                                      |
|   |  |                                                 |   |
| Flangeless Monopoint (Remote Driver)                                                |  | Panel Mount (PMR)<br>(SCVM-RA-Z-PMR-)           | Panel Mount Detail                                                                   |
|  |  |                                                 |  |

## Ceiling Cutouts and Dimensions

### Flangeless Monopoint (Remote Driver)

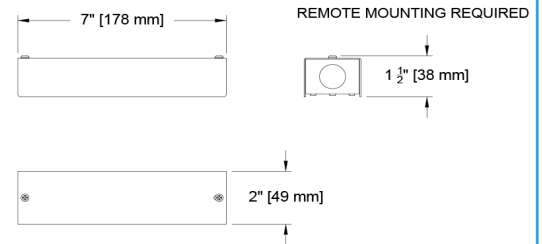
#### Plaster Retro-fit / Shallow Surface Mount (SHM)

(SCVM-RA-Z-SHM-)



### Remote Driver Box

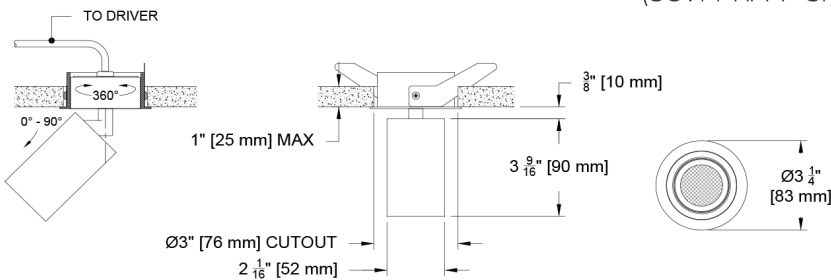
for C1, C2, E1, E2, E3, TR2



### Flanged Monopoint (Remote Driver)

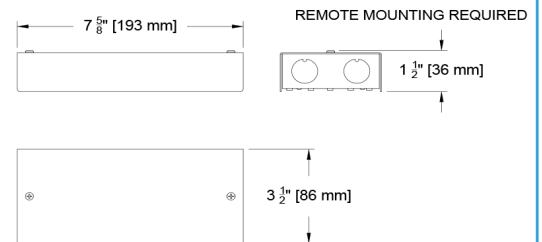
#### Flanged Retro-fit / Shallow Surface Mount (SHM)

(SCVM-RA-F-SHM-)



### Remote Driver Box

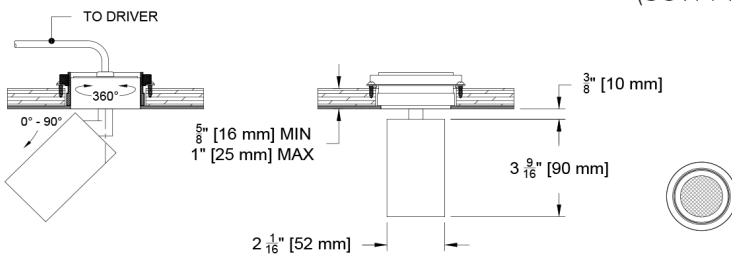
for E4, LD



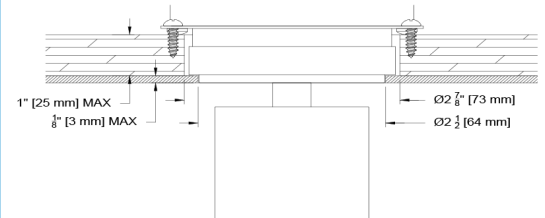
### Flangeless Monopoint (Remote Driver)

#### Panel Mount Retro-fit / Shallow Panel Mount (SHPM)

(SCVM-RA-Z-SHPM-)



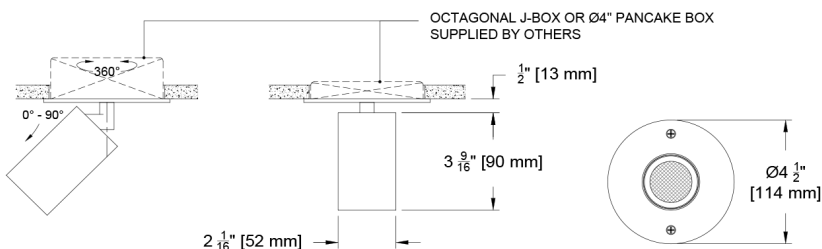
### Panel Mount Detail



### Canopy Plate (Remote Driver)

#### Canopy Mount (CP-CM)

(SCVM-RA-CP-CM-)

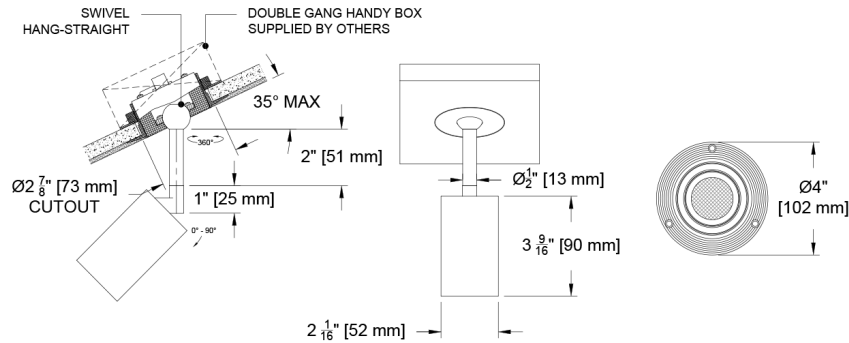


## Ceiling Cutouts and Dimensions

### Flangeless Monopoint (Remote Driver)

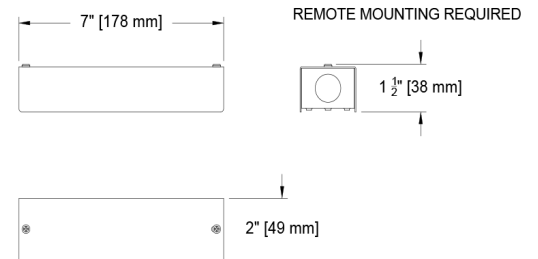
### Plaster Surface Mount Sloped Ceiling Remote Driver (SCSMR)

(SCVM-RA-Z-SCSMR-)



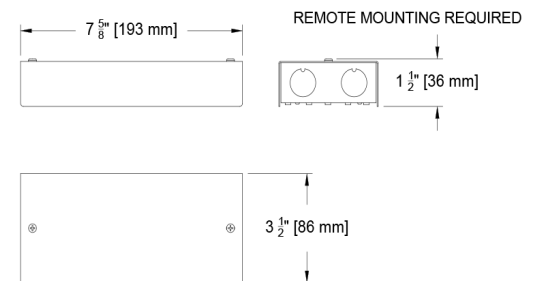
### Remote Driver Box

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



### Remote Driver Box

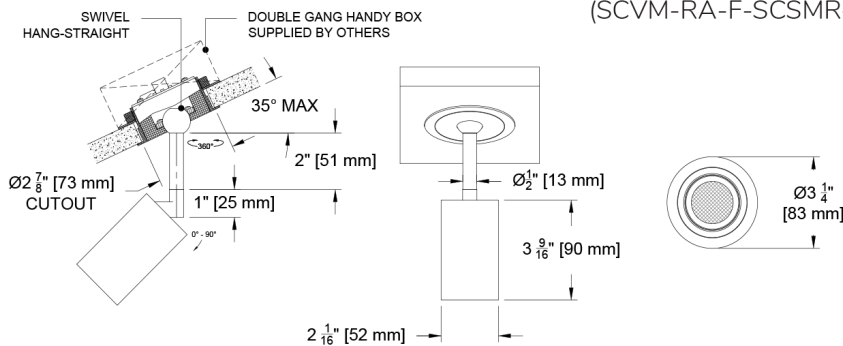
for E4, LD



### Flanged Monopoint (Remote Driver)

### Flanged Surface Mount Sloped Ceiling Remote Driver (SCSMR)

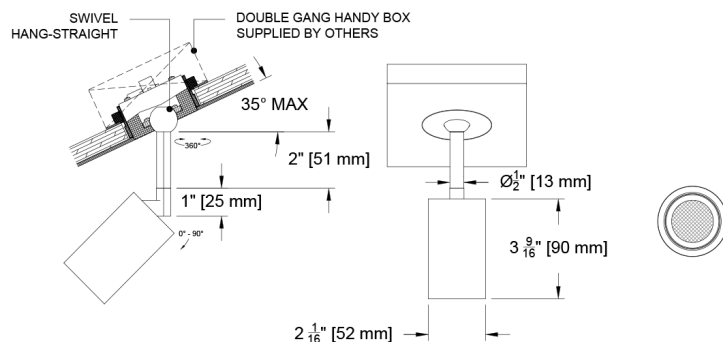
(SCVM-RA-F-SCSMR-)



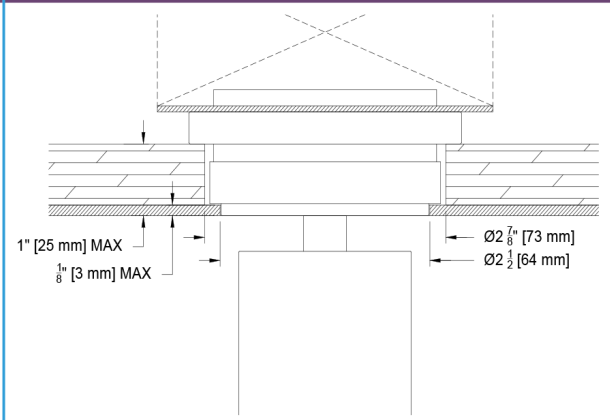
### Flangeless Monopoint (Remote Driver)

### Panel Mount Sloped Ceiling Remote Driver (SCPMR)

(SCVM-RA-Z-SCPMR-)



### Panel Mount Detail

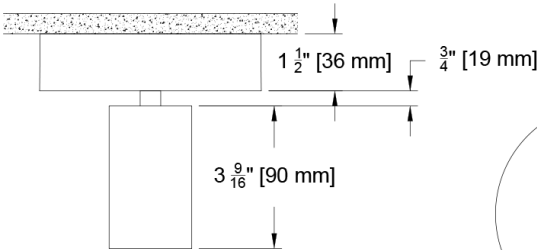
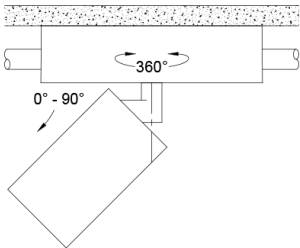


# Ceiling Cutouts and Dimensions

Surface Mount (Integral Driver)

Large J-Box

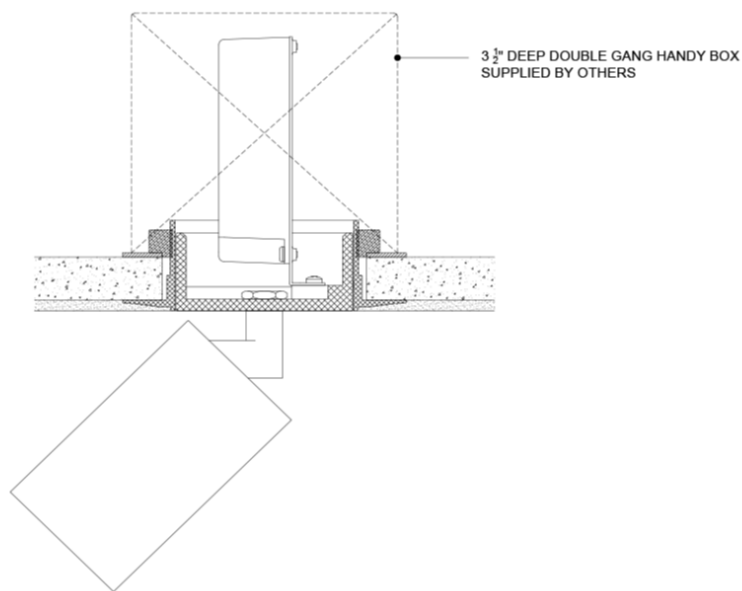
(SCVM-RA-Z-SMLJB-)



## Integral Driver Details

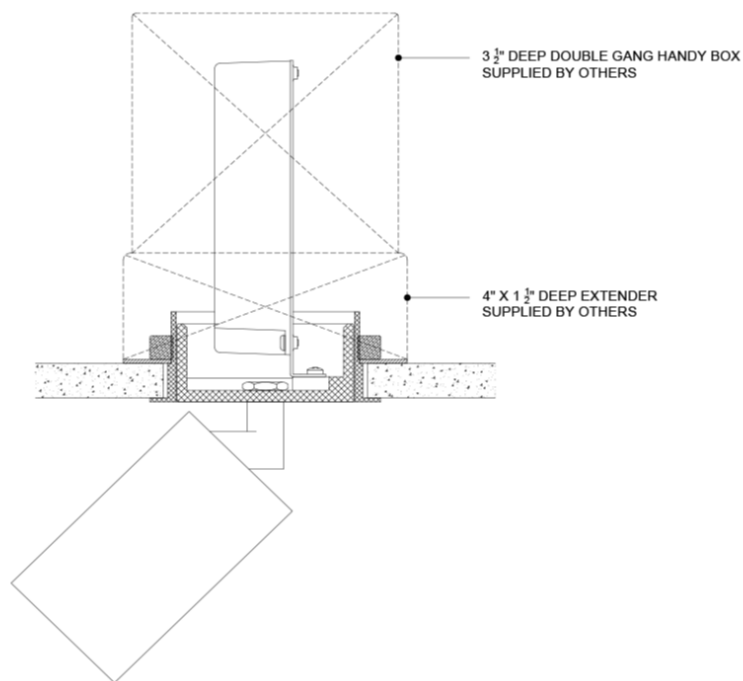
### Integral Driver J-Box Configuration

for C1, C2 Drivers



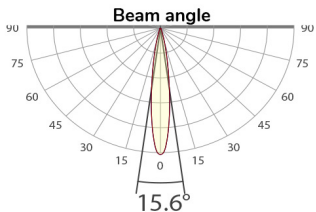
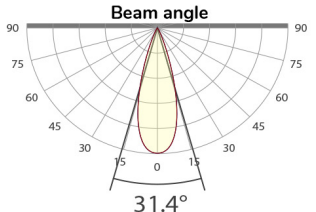
### Integral Driver J-Box Configuration

for E1, E2, E3, LP 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. ISO CD plots based on C9 source. UGR only applicable in straight down position.

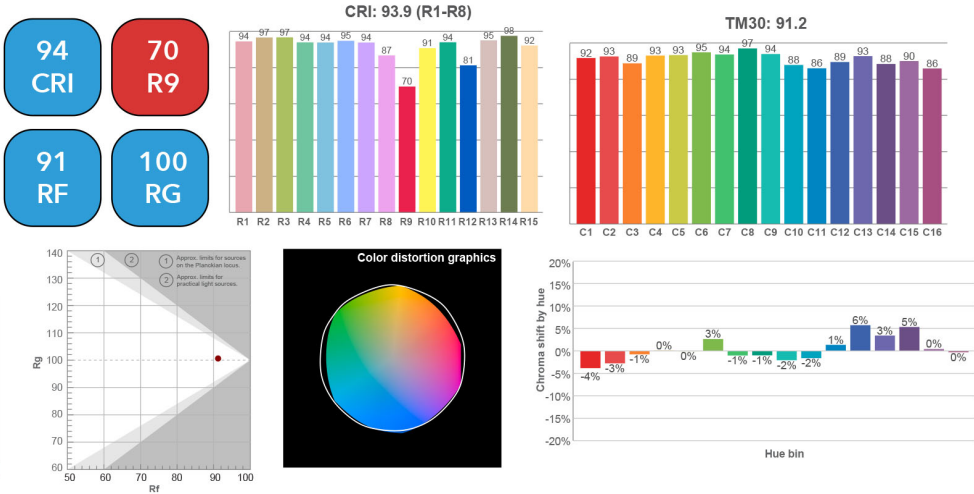
| Beamspreads    |                  | 15°                                                                               |              |     |         |           | 30°                                                                                 |              |     |         |           |
|----------------|------------------|-----------------------------------------------------------------------------------|--------------|-----|---------|-----------|-------------------------------------------------------------------------------------|--------------|-----|---------|-----------|
|                | System watts (W) | Delivered Lumens (lm)                                                             | Lumens/ Watt | UGR | Peak CD | 10% Field | Delivered Lumens (lm)                                                               | Lumens/ Watt | UGR | Peak CD | 10% Field |
| Citizen C5     | 6                | 462                                                                               | 77           | 6   | 4939    | 29°       | 464                                                                                 | 76           | 8   | 1549    | 49°       |
| Citizen C9     | 9                | 707                                                                               | 79           | 10  | 6374    | 32°       | 748                                                                                 | 84           | 10  | 2500    | 50°       |
| Ambient Dim A5 | 6                | 311                                                                               | 52           | 8   | 2829    | 31°       | 315                                                                                 | 52           | 6   | 985     | 50°       |
| Ambient Dim A9 | 10               | 599                                                                               | 59           | 9   | 3633    | 40°       | 609                                                                                 | 60           | 9   | 2051    | 50°       |
| CCT Multiplier |                  |  |              |     |         |           |  |              |     |         |           |
| CCT            | Citizen          |                                                                                   |              |     |         |           |                                                                                     |              |     |         |           |
| 2700           | 0.95             |                                                                                   |              |     |         |           |                                                                                     |              |     |         |           |
| 3000           | 1.00             |                                                                                   |              |     |         |           |                                                                                     |              |     |         |           |
| 3500           | 1.02             |                                                                                   |              |     |         |           |                                                                                     |              |     |         |           |
| 4000           | 1.03             |                                                                                   |              |     |         |           |                                                                                     |              |     |         |           |

Color Data

All data below are delivered lumens. Color and flux information based on goniometer measurements of production representative product. All values can vary +/- 10% from LED manufacturer data range as listed on their datasheet.

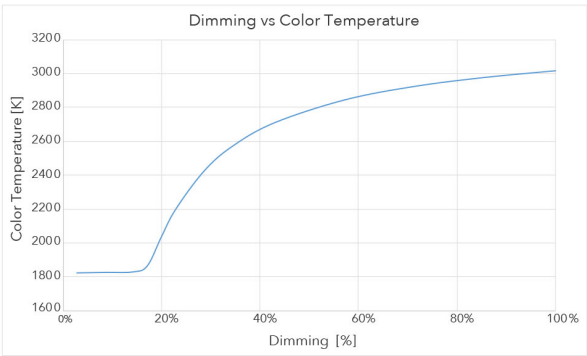
Citizen Source C5, C9

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

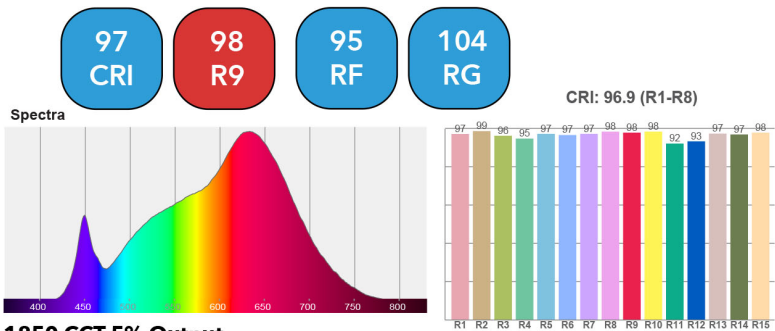


Ambient Dim Source - A5, A9 (AD - 3000k to 1900k)

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



3000 CCT Full Output



1850 CCT 5% Output

