

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

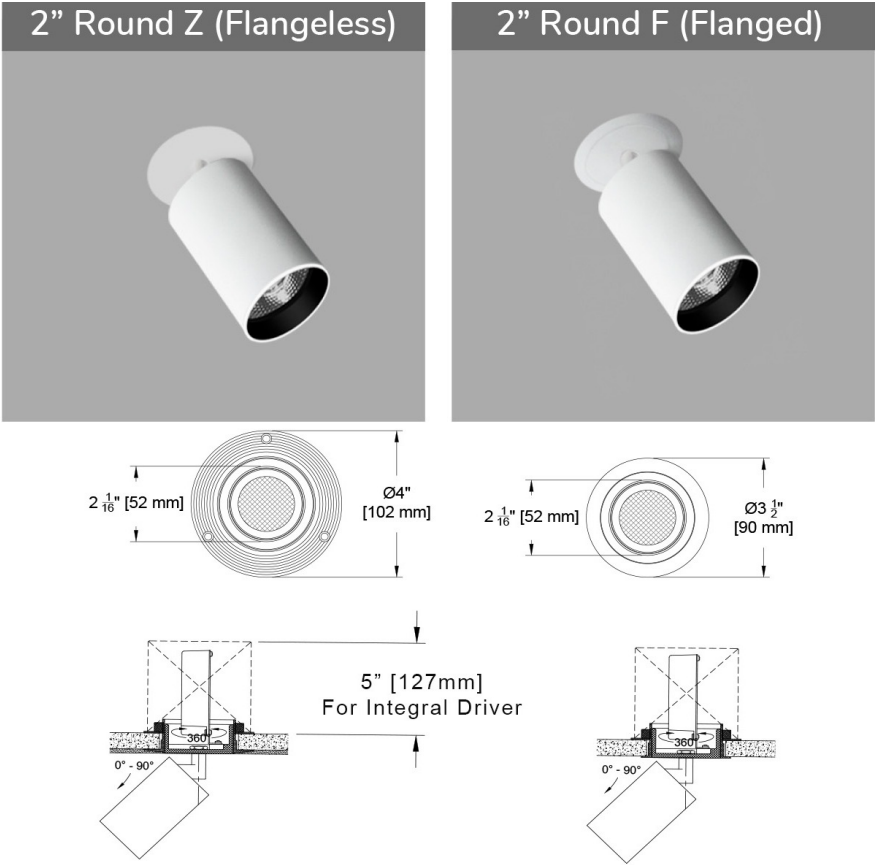
-  us CSA listed to UL 1598 - damp rated
- Precision CNC machined aluminum in New Jersey
- 40 finish options + Custom/RAL#
- Multiple mounting options, including sloped ceilings
- Flanged (can be used in wood or GWB), Flangeless, or Panel Trim (millwork)
- Adjustable 360° degree rotation and 90° degree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

Source / Optics

- 2 beam spreads - 15° and 30°
- up to 748 delivered lumens
- <2 MacAdams Ellipses (<2 SDCM) for fixed white
- 2700k, 3000k, 3500k and 4000K and Ambient Dim 3000k to 1900k
- 90+ CRI, 60+ R9 for static white. 95+ CRI, 90+R9 for Ambient Dim
-  Supports CA Title 24 part 6 Requirements to JA8
- 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, Ecosystem
- Flicker free to IEEE 1789-2015 available with EldoLED or TruPhase™ selection
- Universal 120-277v



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")  F Flanged Trim  Z Flangeless Trim  Canopy (4")  CP Canopy Plate for use with 4" Diameter Pancake Box/Octagonal Box	SM Surface Mount * †  SMR Surface Mount ^ Δ  SMHS - Surface Mount * † furnished with Hang Straight  SCSMR Sloped Ceiling Surface Mount ^ Δ (furnished with Hang-Straight)  SMLJB - Surface Mount † Large Junction Box  PM Panel Mount * †  PMR Panel Mount ^ Δ  SCPM Sloped Wood Ceiling Panel Mount ^ †  SCPMR Sloped Ceiling Panel Mount ^ Δ (furnished with Hang-Straight)  CM Canopy Mount Δ Shallow Panel Installation  SHPM Shallow Panel Mount * Δ  Retro-fit Installation  SHM Shallow Surface Mount * Δ  * Deep double gang Handy box supplied by others for driver enclosure ^ Double gang Handy box supplied by others for fixture mount and low voltage wiring † Integral Driver Δ Remote Driver	Citizen  C5 ● ● 6W 484Lm* 90+CRI, 60+R9 Not compatible with C1, C2 drivers. Supports CA Title 24 when paired with all EldoLED  C9 ● ● 9W 748Lm* 90+CRI, 60+R9 Ambient Dim™  A5 ● ● 6W 315Lm* 95+CRI, 90+R9 Supports CA Title 24 when paired with all EldoLED and the Lutron  A9 ● ● 10W 609Lm* 95+CRI, 90+R9 ● ● Supports CA Title 24 part 6 compliance to JA8 requirements  *Based on 30° Beam <a href="#">View Photometry</a>	27 2700K  30 3000K  35 3500K  40 4000K Ambient Dim™  3019 3000-1900K	15 Spot  30 Narrow Flood	C1 0-10 ^ + 1.0%, UNV (120-277V) linear  C2 ELV/Triac ^ + 1.0%, (120-277V) linear  E1 0-10* 0.1%, UNV (120-277V) log  E2 DALI-2* 0.1%, UNV (120-277V) log  E3 0-10* 0.1%, UNV (120-277V) linear  E4 * DMX 0.1%, UNV (120-277V) Universal DMX Driver/Controller RGBWW-DMX (INCLUDES DMX/RDM COMPATIBLE DRIVER WITH BUILT-IN DECODER - CONTROLLER BY OTHERS)  TR2 TruPhase™ 0.1%, (120-120V) log Up to 20W Forward and Reverse compatible Phase Dimming Static White & Ambient Dim only  LD Digital Ecosystem* 1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1  * Requires remote mounting ^integral driver standard, remote optional  + Not compatible with C5 source.	AM01 Black Matte Anodize^  AMXX Specialty Matte Anodize Color^ AM1-AM36  A32 Clear Anodize^  AXX Specialty Anodize Color^ A1-A36  W White Paint^  PXX Specialty Paint Color* P01-P15  B05 Satin Brass^  BXX Brass Finishes^ B01-B07  ^Stem comes in selected color  * See Finish Guide	Reflector (lamp) Media  91L Solite*  97L Black Hexcel Louver*  XXL Other Reflector (lamp) Media* Other  STM Standard length 3/8" For custom size, indicate in inches Controls  LR Lutron Wireless RF PowPak  ATH Lutron Athena Wireless Node Must be used with E2 driver (DALI-2)  CA Casambi Wireless BLE to be paired with driver  *see Lens Guide



# Ceiling Cutouts and Dimensions

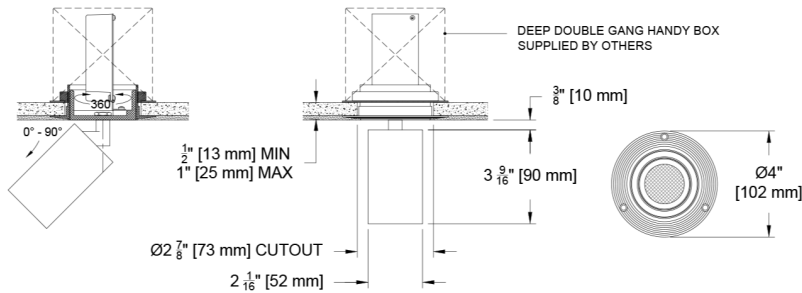
## Flangeless Monopoint (Integral Driver)

## Plaster Surface Mount (SM)

## Integral Driver

(SCVM-RA-Z-SM-)

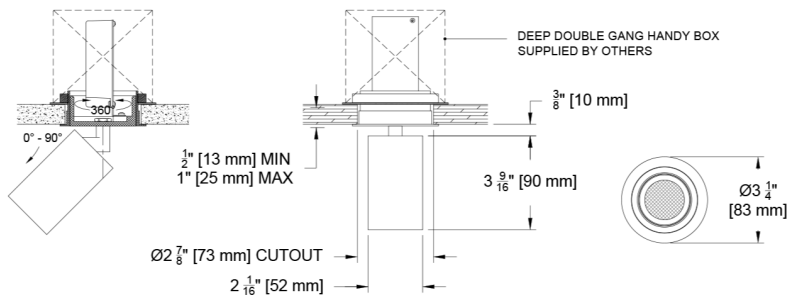
See *Integral Driver Detail Page* for recessed depth and j-box configurations by driver type.



## Flanged Monopoint (Integral Driver)

## Flanged Surface Mount (SM)

(SCVM-RA-F-SM-)

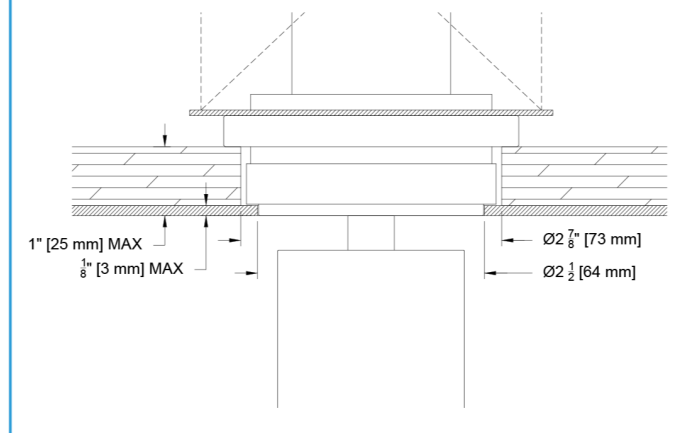
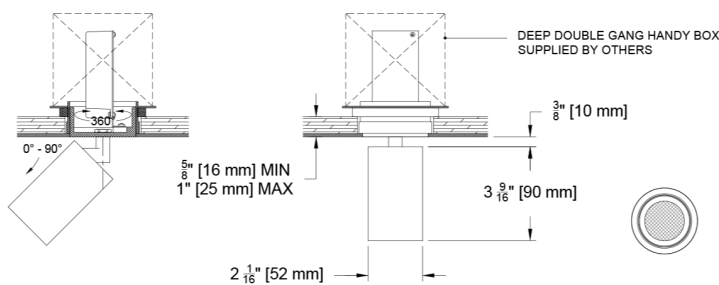


## Flangeless Monopoint (Integral Driver)

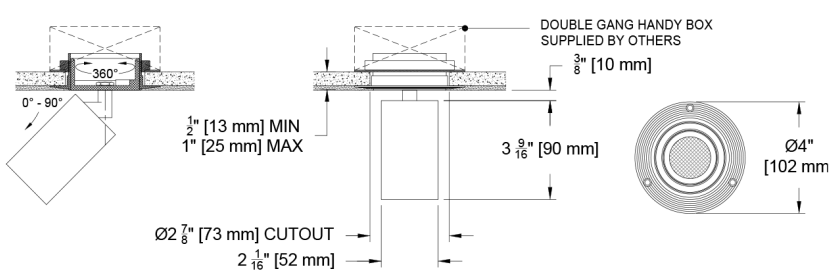
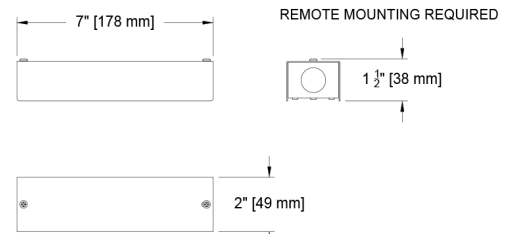
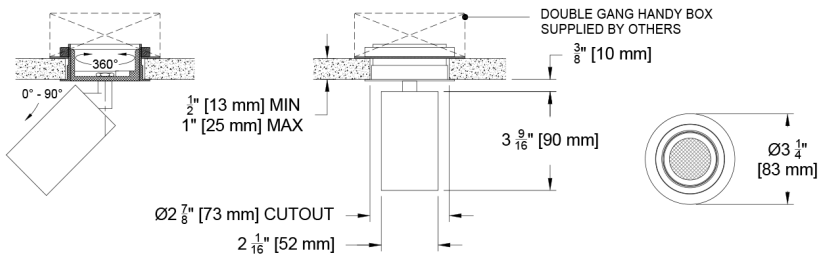
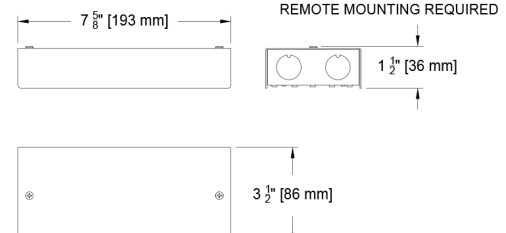
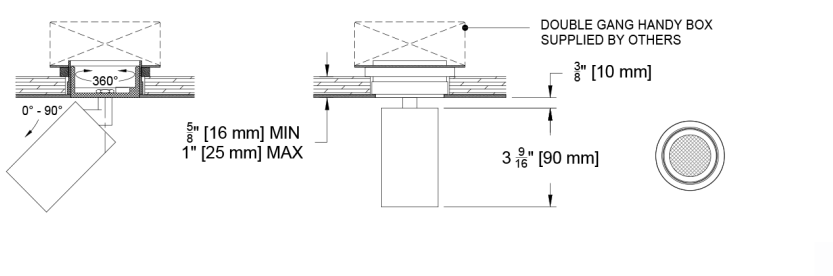
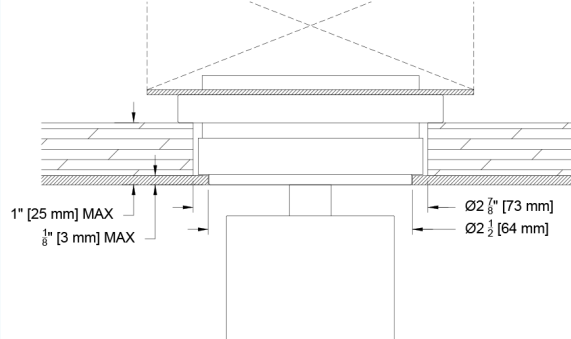
## Panel Mount (PM)

(SCVM-RA-Z-PM-)

## Panel Mount Detail



Ceiling Cutouts and Dimensions

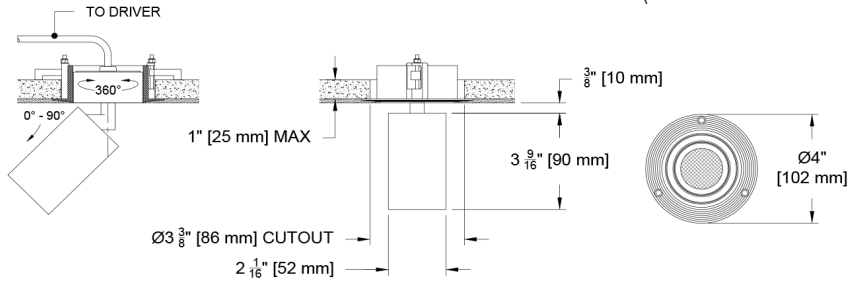
<p>Flangeless Monopoint (Remote Driver)</p> <p>(SCVM-RA-Z-SMR-)</p>  <p>DOUBLE GANG HANDY BOX SUPPLIED BY OTHERS</p> <p><math>\frac{3}{8}</math>" [10 mm]</p> <p><math>3\frac{9}{16}</math>" [90 mm]</p> <p><math>\frac{1}{2}</math>" [13 mm] MIN 1" [25 mm] MAX</p> <p><math>\varnothing 2\frac{7}{8}</math>" [73 mm] CUTOUT <math>2\frac{1}{16}</math>" [52 mm]</p> <p><math>\varnothing 4</math>" [102 mm]</p>	<p>Plaster Surface Mount (SMR)</p> <p>Remote Driver Box</p> <p>for C1, C2, E1, E2, E3, TR2</p>  <p>7" [178 mm]</p> <p>REMOTE MOUNTING REQUIRED</p> <p>1 <math>\frac{1}{2}</math>" [38 mm]</p> <p>2" [49 mm]</p>
<p>Flanged Monopoint (Remote Driver)</p> <p>(SCVM-RA-F-SMR-)</p>  <p>DOUBLE GANG HANDY BOX SUPPLIED BY OTHERS</p> <p><math>\frac{3}{8}</math>" [10 mm]</p> <p><math>3\frac{9}{16}</math>" [90 mm]</p> <p><math>\frac{1}{2}</math>" [13 mm] MIN 1" [25 mm] MAX</p> <p><math>\varnothing 2\frac{7}{8}</math>" [73 mm] CUTOUT <math>2\frac{1}{16}</math>" [52 mm]</p> <p><math>\varnothing 3\frac{1}{4}</math>" [83 mm]</p>	<p>Flanged Surface Mount (SMR)</p> <p>Remote Driver Box</p> <p>for E4, LD</p>  <p>7 <math>\frac{5}{8}</math>" [193 mm]</p> <p>REMOTE MOUNTING REQUIRED</p> <p>1 <math>\frac{1}{2}</math>" [36 mm]</p> <p>3 <math>\frac{1}{2}</math>" [86 mm]</p>
<p>Flangeless Monopoint (Remote Driver)</p> <p>Panel Mount (PMR)</p> <p>(SCVM-RA-Z-PMR-)</p>  <p>DOUBLE GANG HANDY BOX SUPPLIED BY OTHERS</p> <p><math>\frac{3}{8}</math>" [10 mm]</p> <p><math>3\frac{9}{16}</math>" [90 mm]</p> <p><math>\frac{5}{16}</math>" [16 mm] MIN 1" [25 mm] MAX</p>	<p>Panel Mount Detail</p>  <p>1" [25 mm] MAX <math>\frac{1}{8}</math>" [3 mm] MAX</p> <p><math>\varnothing 2\frac{7}{8}</math>" [73 mm] <math>\varnothing 2\frac{1}{2}</math>" [64 mm]</p>

# Ceiling Cutouts and Dimensions

## Flangeless Monopoint (Remote Driver)

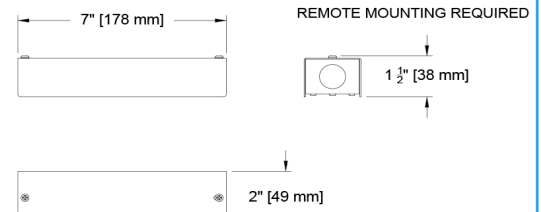
### Plaster Retro-fit / Shallow Surface Mount (SHM)

(SCVM-RA-Z-SHM-)



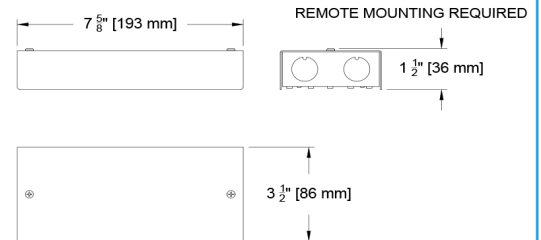
## Remote Driver Box

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



## Remote Driver Box

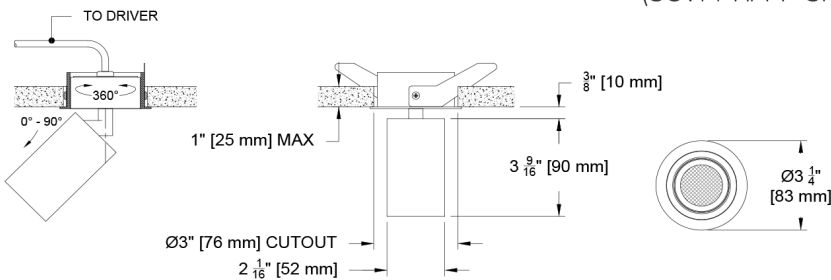
for E4, LD



## Flanged Monopoint (Remote Driver)

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

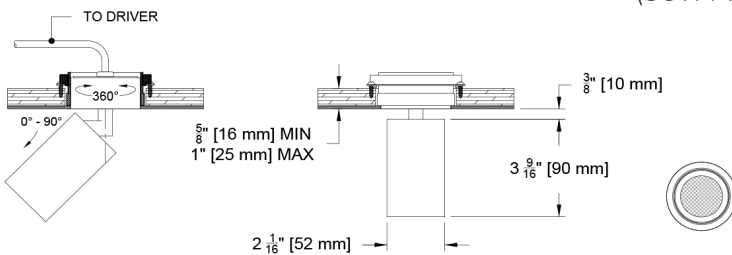
(SCVM-RA-F-SHM-)



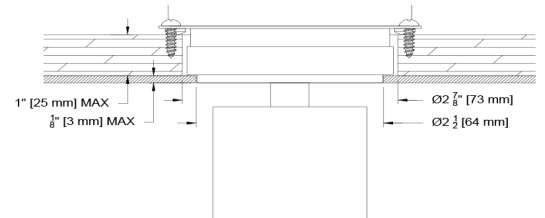
## Flangeless Monopoint (Remote Driver)

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

(SCVM-RA-Z-SHPM-)



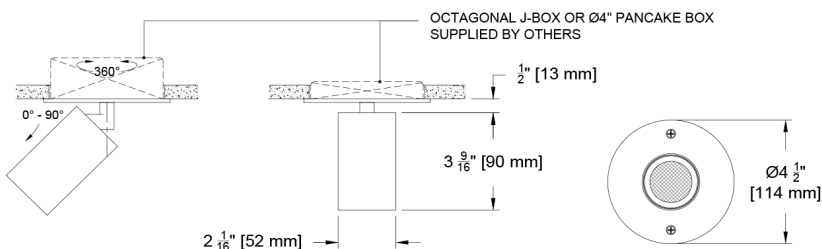
## Panel Mount Detail



## Canopy Plate (Remote Driver)

### Canopy Mount (CP-CM)

(SCVM-RA-CP-CM-)

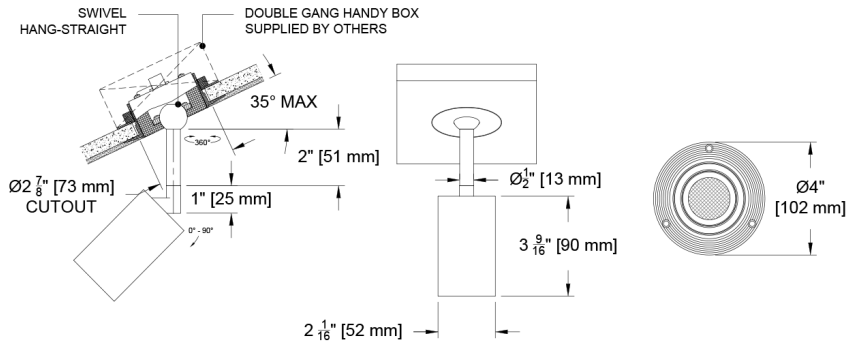


## Ceiling Cutouts and Dimensions

### Flangeless Monopoint (Remote Driver)

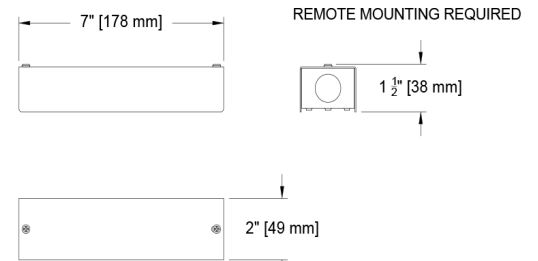
### Plaster Surface Mount Sloped Ceiling Remote Driver (SCSMR)

(SCVM-RA-Z-SCSMR-)



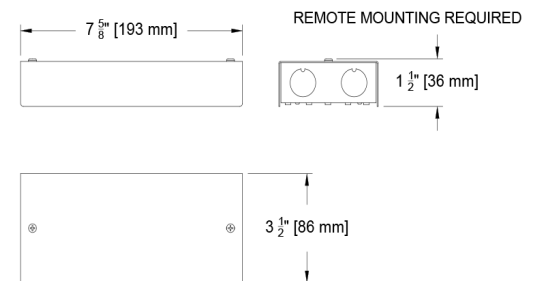
### Remote Driver Box

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



### Remote Driver Box

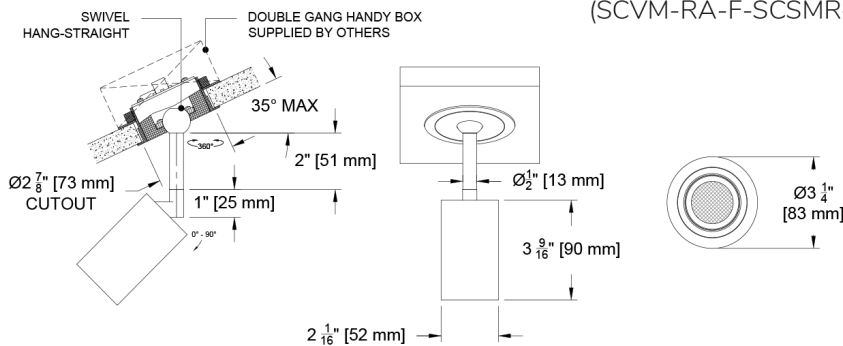
for E4, LD



### Flanged Monopoint (Remote Driver)

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

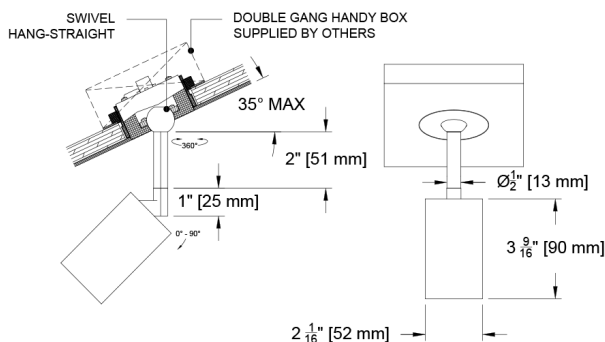
(SCVM-RA-F-SCSMR-)



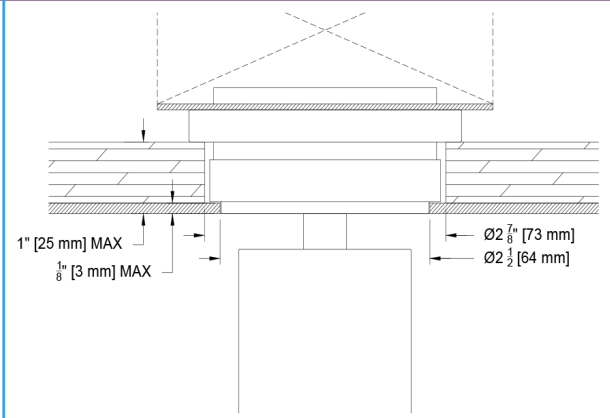
### Flangeless Monopoint (Remote Driver)

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

(SCVM-RA-Z-SCPMR-)



### Panel Mount Detail

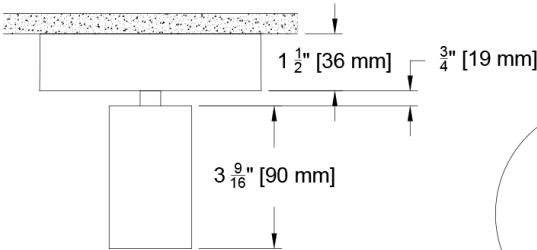
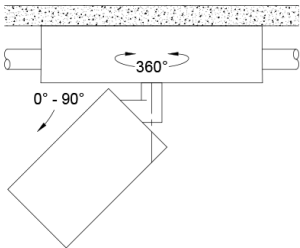


# Ceiling Cutouts and Dimensions

Surface Mount (Integral Driver)

Large J-Box

(SCVM-RA-Z-SMLJB-)

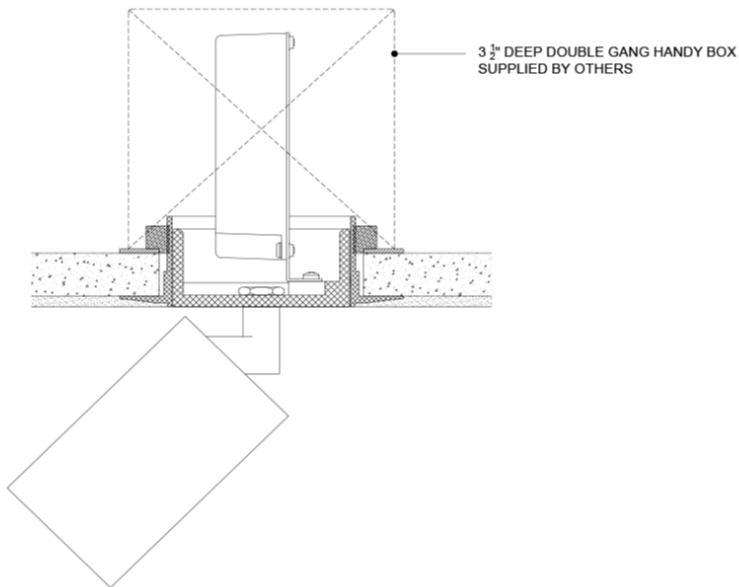




## Integral Driver Details

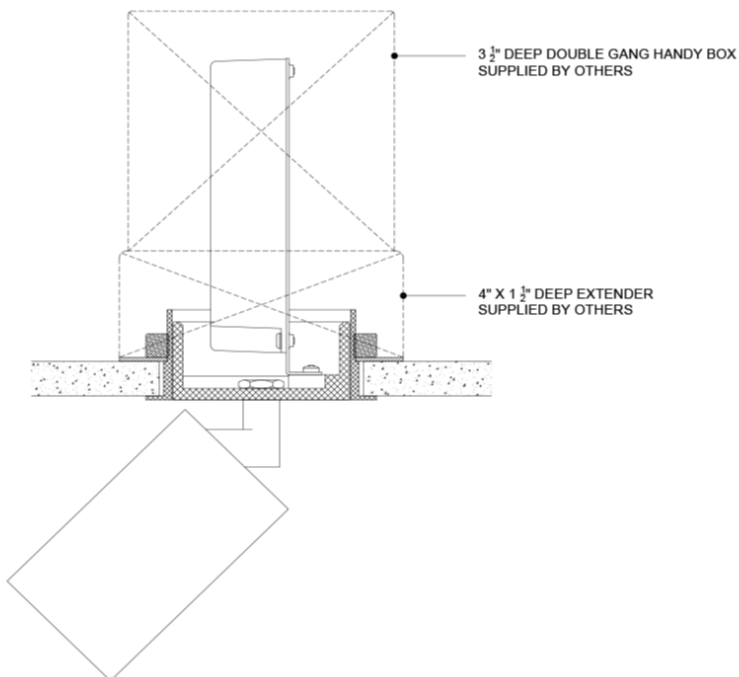
### Integral Driver J-Box Configuration

for C1, C2 Drivers



### Integral Driver J-Box Configuration

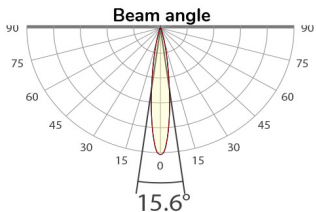
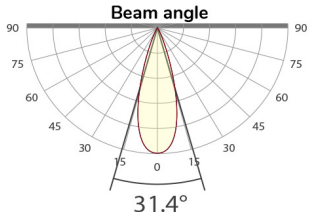
for E1, E2, E3, LP Drivers





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.

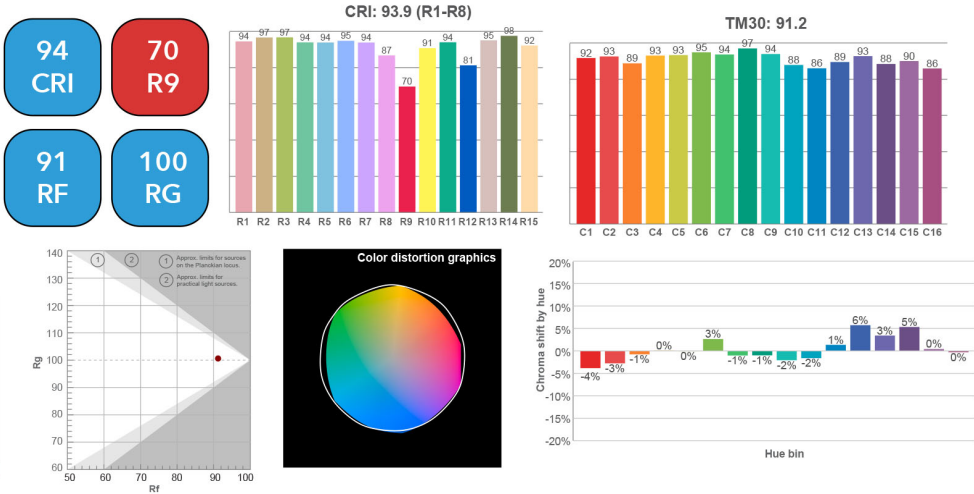
Beamspreads		15°					30°				
	System watts (W)	Delivered Lumens (lm)	Lumens/ Watt	UGR	Peak CD	10% Field	Delivered Lumens (lm)	Lumens/ Watt	UGR	Peak CD	10% Field
Citizen C5	6	462	77	6	4939	29°	464	76	8	1549	49°
Citizen C9	9	707	79	10	6374	32°	748	84	10	2500	50°
Ambient Dim A5	6	311	52	8	2829	31°	315	52	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.

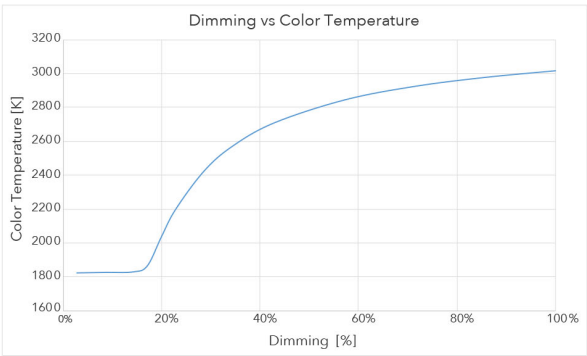
Citizen Source C5, C9

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

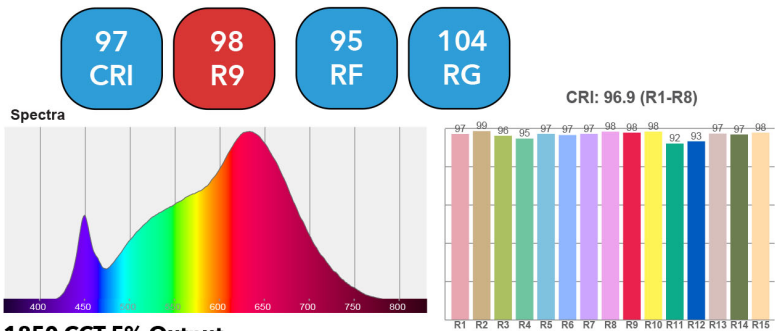


Ambient Dim Source - A5, A9 (AD - 3000k to 1900k)

- <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

