

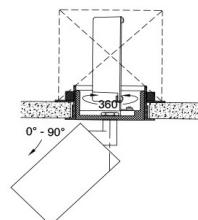
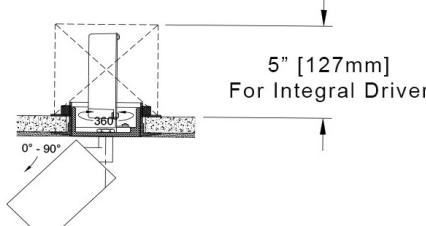
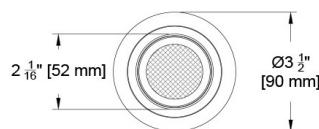
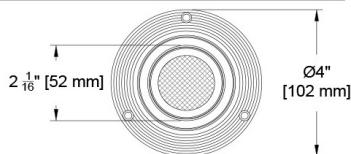
Scope Vardi

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.

2" Round Z (Flangeless)



2" Round F (Flanged)



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° 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
-  Title 24 Supports CA Title 24 part 6 Requirements to JA8
- Lifetime: L87B3>55,000 hours at 40°C Ambient

Driver And Control

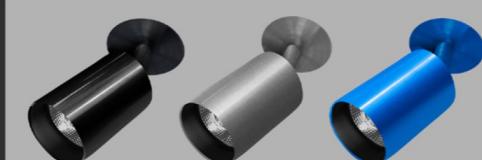
- Drivers integral with fixture in some mounting options - see drawings
- TruPhase™, 0-10, DALI-2, Ecosystem
- Flicker free to IEEE 1789-2015 available with EldoLED or TruPhase™ selection
- Universal 120-277v

PXX
Powder Coat Paint examples



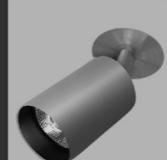
W White Paint P13 Moog Bronze

AXX
Anodize finish examples



A01 Black Anod. A32 Clear A20 Blue

AMXX
Matte Anodize



AM32 Clear

BXX
Brass finish



B05 Satin

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



Ceiling Cutouts and Dimensions

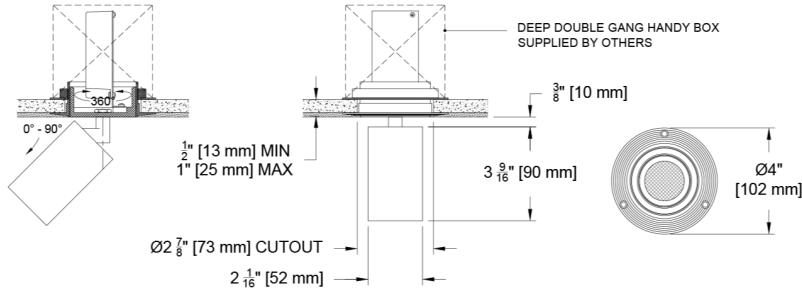
Flangeless Monopoint (Integral Driver)

Plaster Surface Mount (SM)

(SCVM-RA-Z-SM-)

Integral Driver

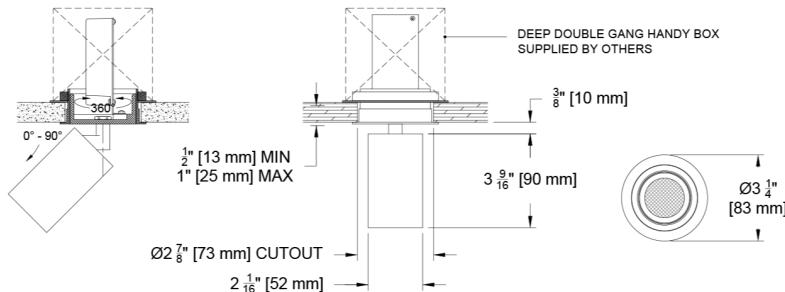
See *Integral Driver Detail Page* for recessed depth and j-box configurations by driver type.



Flanged Monopoint (Integral Driver)

Flanged Surface Mount (SM)

(SCVM-RA-F-SM-)

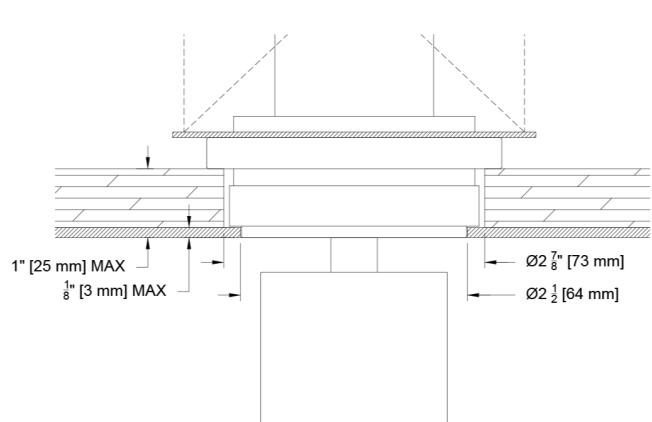
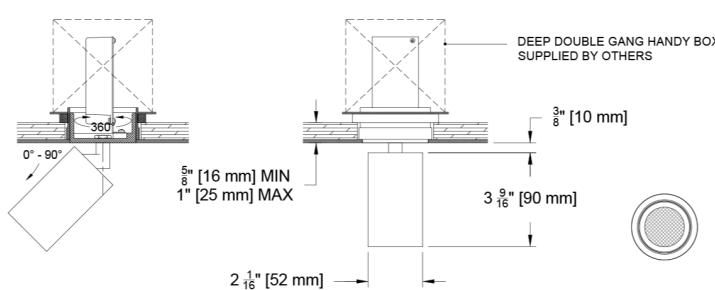


Flangeless Monopoint (Integral Driver)

Panel Mount (PM)

(SCVM-RA-Z-PM-)

Panel Mount Detail

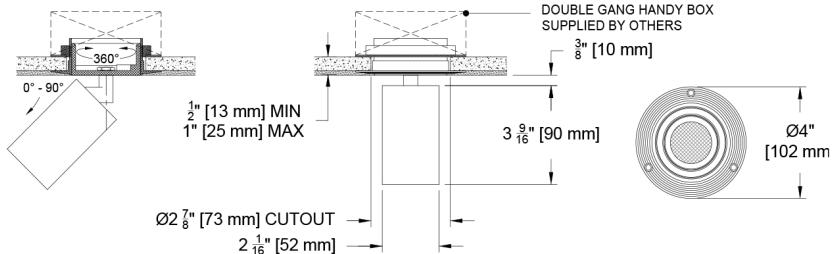


Ceiling Cutouts and Dimensions

Flangeless Monopoint (Remote Driver)

Plaster Surface Mount (SMR)

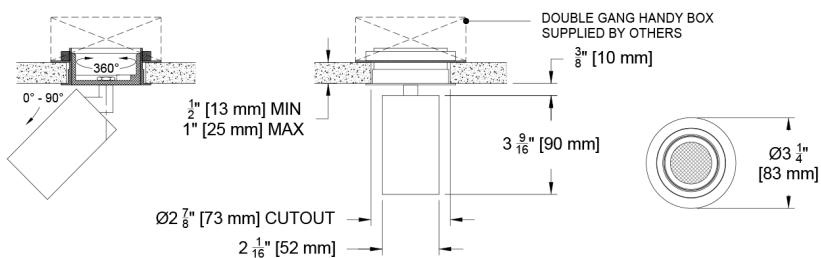
(SCVM-RA-Z-SMR-)



Flanged Monopoint (Remote Driver)

Flanged Surface Mount (SMR)

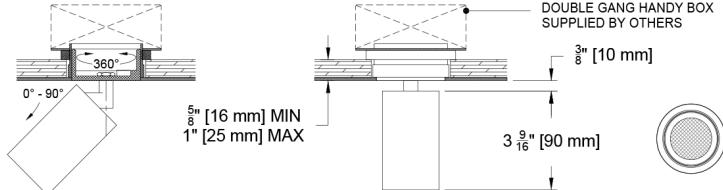
(SCVM-RA-F-SMR-)



Flangeless Monopoint (Remote Driver)

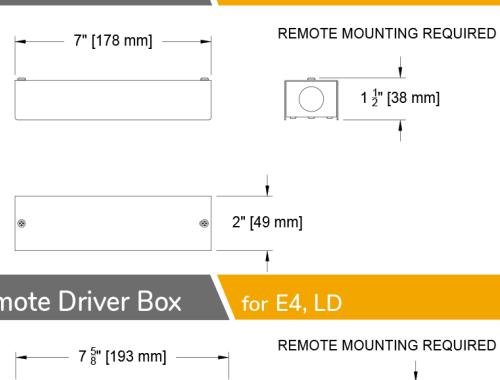
Panel Mount (PMR)

(SCVM-RA-Z-PMR-)



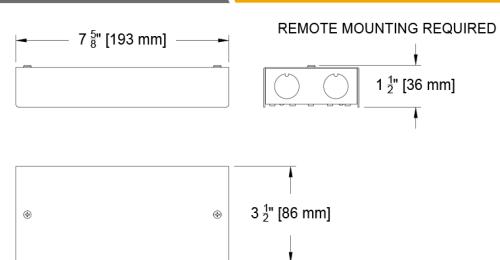
Remote Driver Box

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

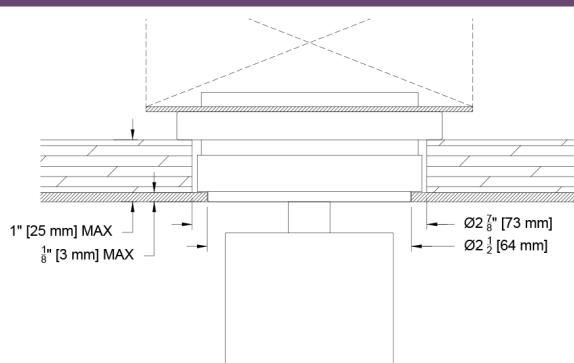


Remote Driver Box

for E4, LD

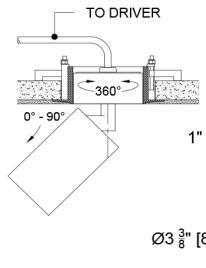


Panel Mount Detail



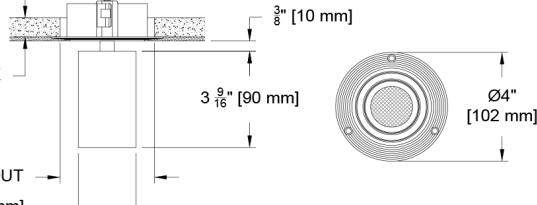
Ceiling Cutouts and Dimensions

Flangeless Monopoint (Remote Driver)



1" [25 mm] MAX
 $\text{Ø}3 \frac{3}{8}"$ [86 mm] CUTOUT
 $2 \frac{1}{16}"$ [52 mm]

Plaster Retro-fit / Shallow Surface Mount (SHM) (SCVM-RA-Z-SHM-)



$3 \frac{9}{16}"$ [90 mm] $\text{Ø}4"$ [102 mm]

Remote Driver Box for C1, C2, E1, E2, E3, TR2



REMOTE MOUNTING REQUIRED

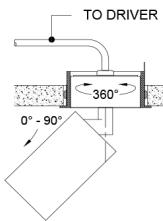
$1 \frac{1}{2}"$ [38 mm]



REMOTE MOUNTING REQUIRED

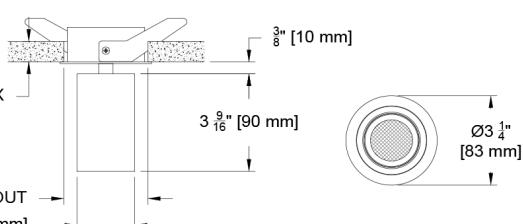
$2"$ [49 mm]
 $1 \frac{1}{2}"$ [36 mm]

Flanged Monopoint (Remote Driver)



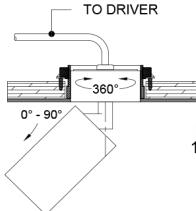
1" [25 mm] MAX
 $\text{Ø}3"$ [76 mm] CUTOUT
 $2 \frac{1}{16}"$ [52 mm]

Flanged Retro-fit / Shallow Surface Mount (SHM) (SCVM-RA-F-SHM-)



$3 \frac{9}{16}"$ [90 mm] $\text{Ø}3 \frac{1}{4}"$ [83 mm]

Flangeless Monopoint (Remote Driver)



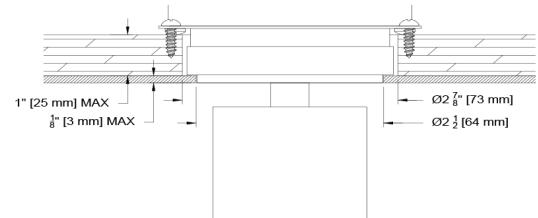
$5 \frac{1}{8}"$ [16 mm] MIN
1" [25 mm] MAX
 $2 \frac{1}{16}"$ [52 mm]

Panel Mount Retro-fit / Shallow Panel Mount (SHPM) (SCVM-RA-Z-SHPM-)

$3 \frac{9}{16}"$ [90 mm]



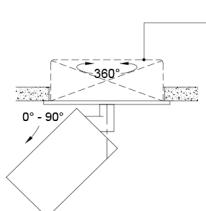
Panel Mount Detail



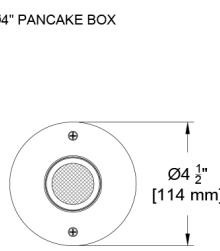
Canopy Plate (Remote Driver)

Canopy Mount (CP-CM)

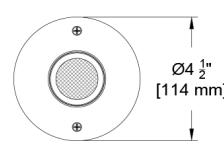
(SCVM-RA-CP-CM-)



OCTAGONAL J-BOX OR $\text{Ø}4"$ PANCAKE BOX
SUPPLIED BY OTHERS
 $2 \frac{1}{16}"$ [52 mm]

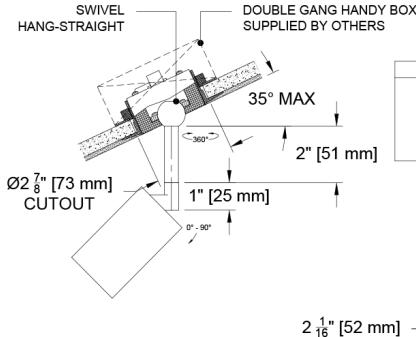


$1 \frac{1}{2}"$ [13 mm]



Ceiling Cutouts and Dimensions

Flangeless Monopoint (Remote Driver)

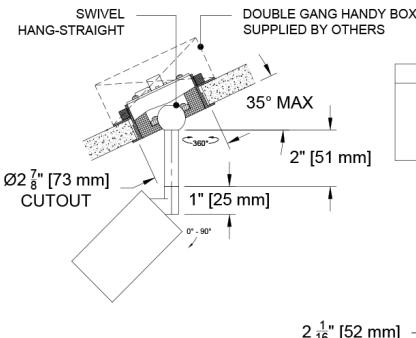


Plaster Surface Mount Sloped Ceiling Remote Driver (SCSMR)

(SCVM-RA-Z-SCSMR-)



Flanged Monopoint (Remote Driver)



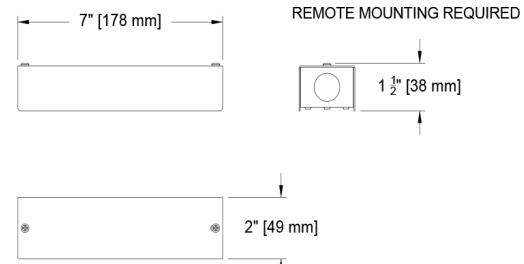
Flanged Surface Mount Sloped Ceiling Remote Driver (SCSMR)

(SCVM-RA-F-SCSMR-)



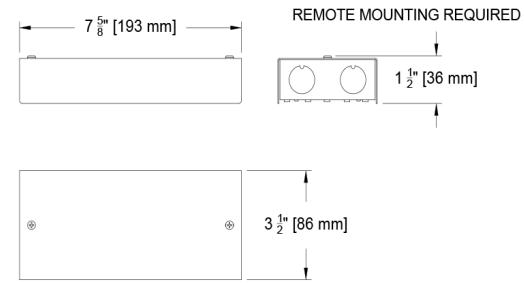
Remote Driver Box

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



Remote Driver Box

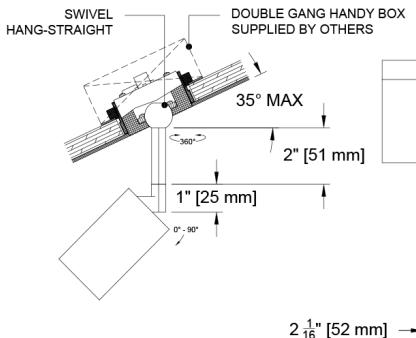
for E4, LD



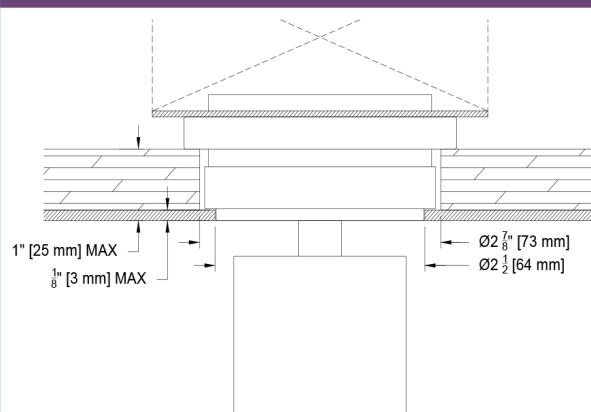
Flangeless Monopoint (Remote Driver)

Panel Mount Sloped Ceiling Remote Driver (SCPMR)

(SCVM-RA-Z-SCPMR-)

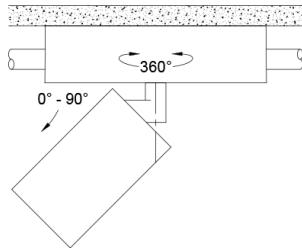


Panel Mount Detail



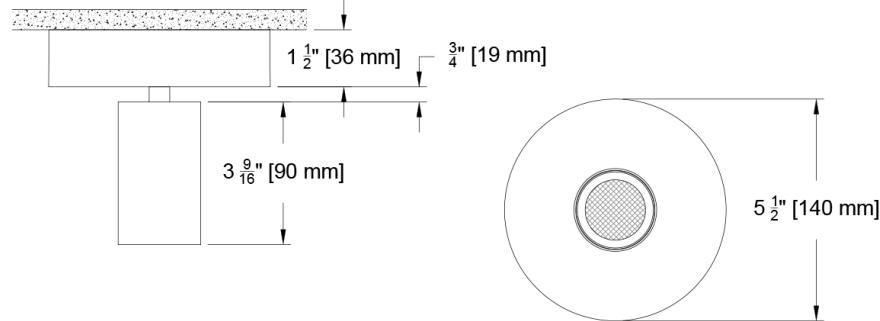
Ceiling Cutouts and Dimensions

Surface Mount (Integral Driver)



Large J-Box

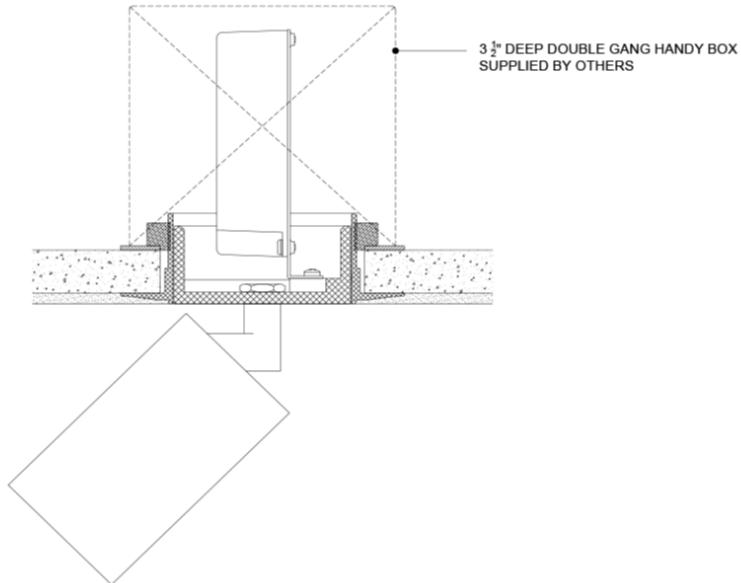
(SCVM-RA-Z-SMLJB-)



Integral Driver Details

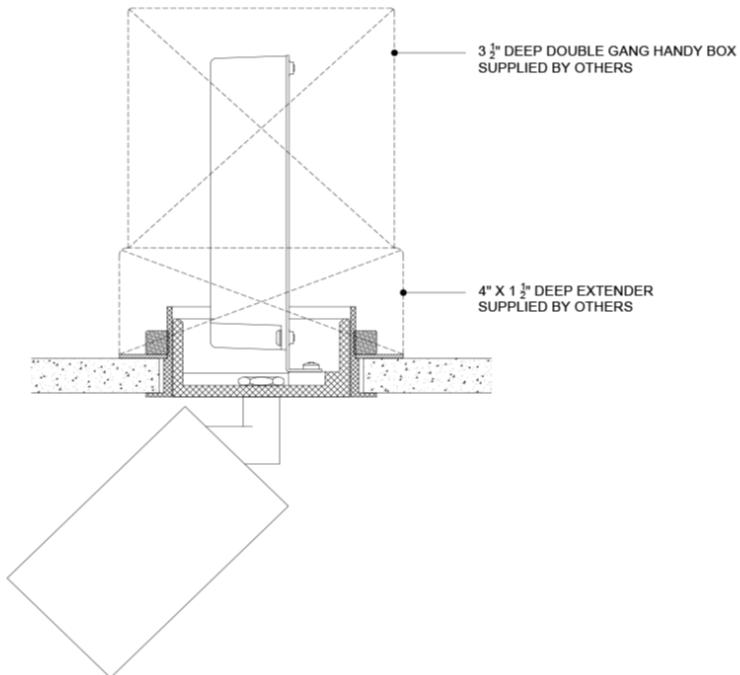
Integral Driver J-Box Configuration

for C1, C2 Drivers



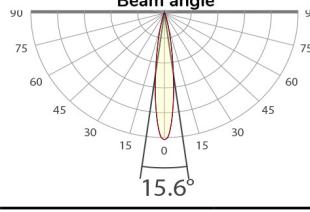
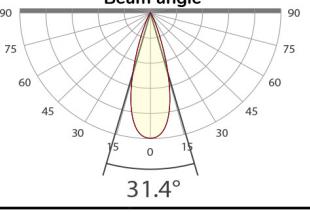
Integral Driver J-Box Configuration

for E1, E2, E3, LP Drivers



Photometric Table

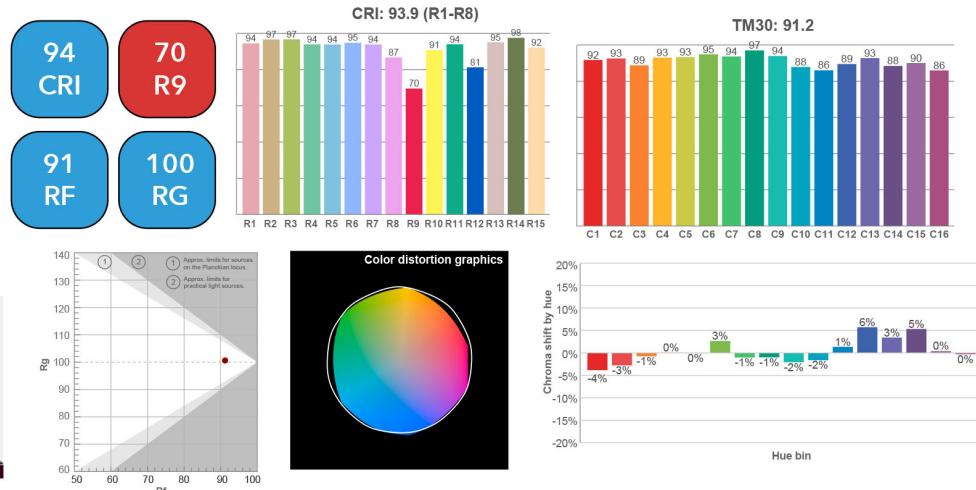
All data below are delivered lumens based on goniometer measurements of production representative product. All lumen values can vary +/- 10% from LED manufacturer rated nominal flux. ISO CD plots based on C9 source. UGR only applicable in straight down position.

| 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 | | Beam angle | | | | | | | Beam angle | | | |
| CCT | Citizen |  | | | | | | |  | | | |
| 2700 | 0.95 | | | | | | | | | | | |
| 3000 | 1.00 | | | | | | | | | | | |
| 3500 | 1.02 | | | | | | | | | | | |
| 4000 | 1.03 | | | | | | | | | | | |

Color Data

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

