

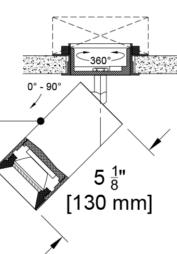
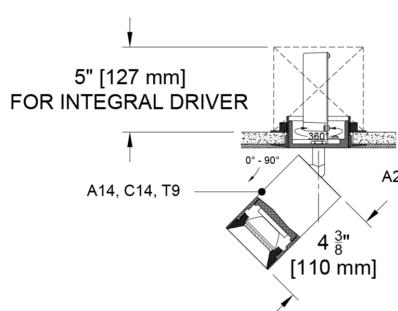
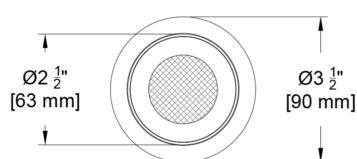
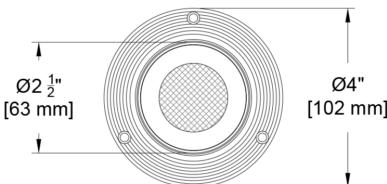
Scope Original

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_{UL} 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:

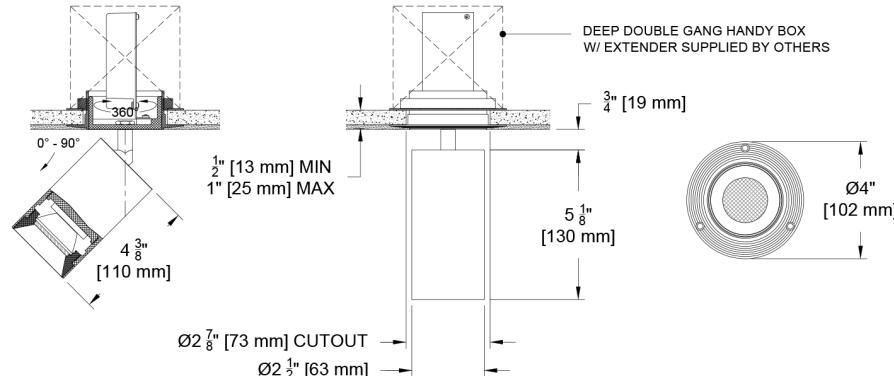
Ordering Code Example: SCOM-RA-F-SM-C14-30-35-C1-A01-91L

Ceiling Cutouts and Dimensions

Flangeless Monopoint (Integral Driver)

Plaster Surface Mount (SM)

(SCOM-RA-Z-SM-)



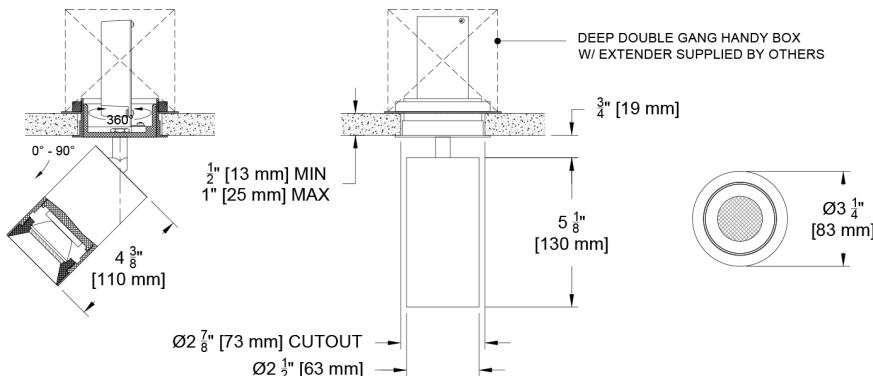
Integral Driver

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

Flanged Monopoint (Integral Driver)

Flanged Surface Mount (SM)

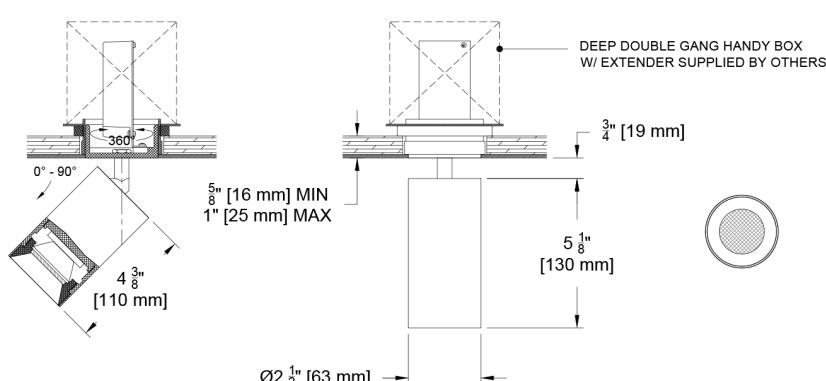
(SCOM-RA-F-SM-)



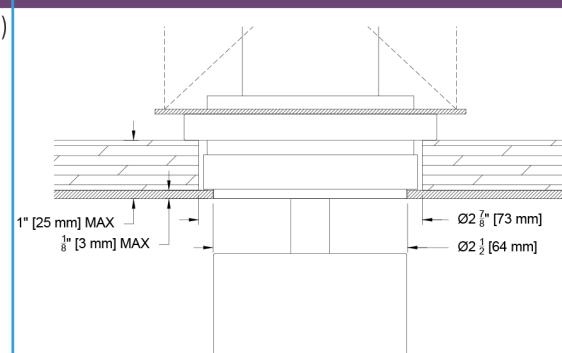
Flangeless Monopoint (Integral Driver)

Panel Mount (PM)

(SCOM-RA-Z-PM-)



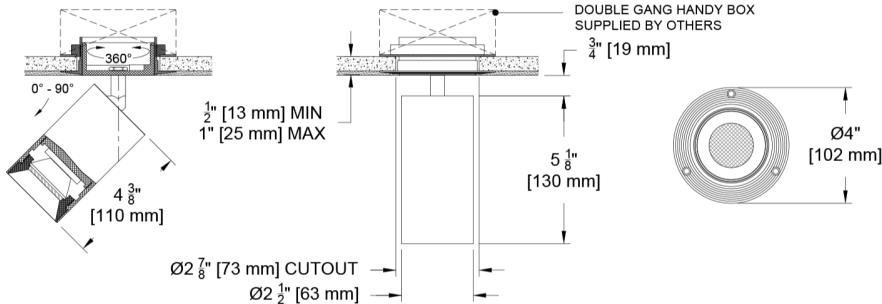
Panel Mount Detail



Ceiling Cutouts and Dimensions

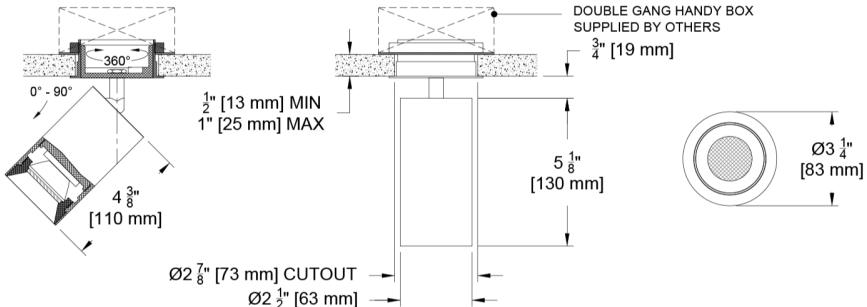
Flangeless Monopoint (Remote Driver)

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



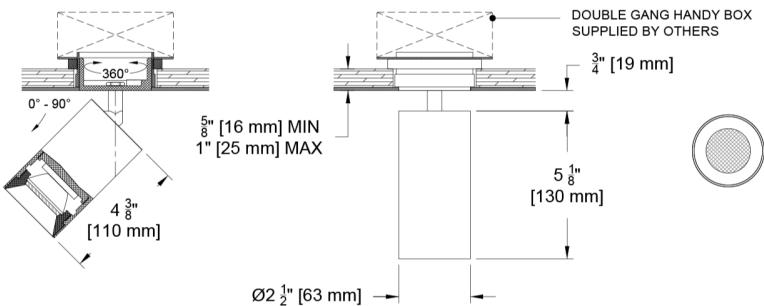
Flanged Monopoint (Remote Driver)

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



Flangeless Monopoint (Remote Driver)

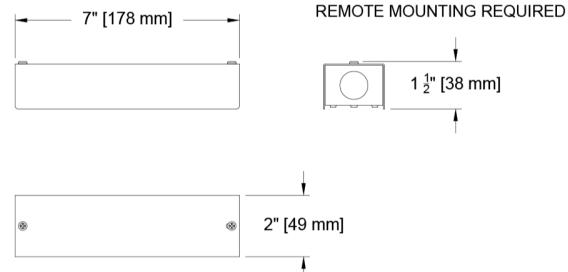
Panel Mount (PM#R) (SCOM-RA-Z-PM#R-)



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

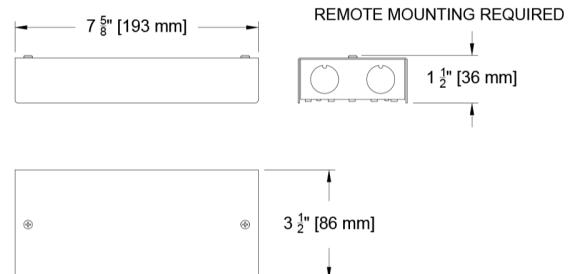
Remote Driver Box

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



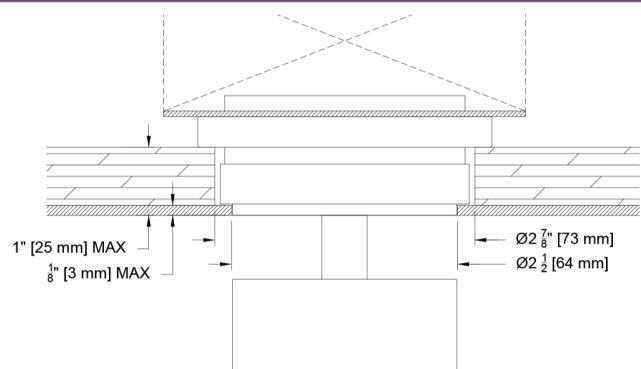
Remote Driver Box

for E4, LD



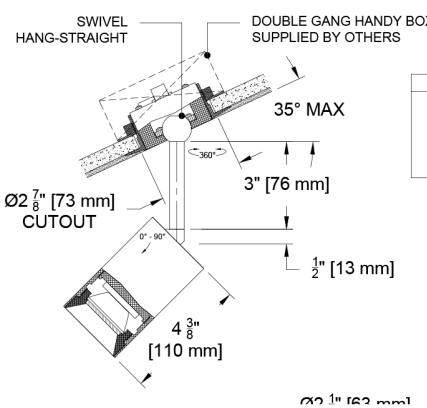
Flangeless Monopoint (Remote Driver)

Panel Mount Detail



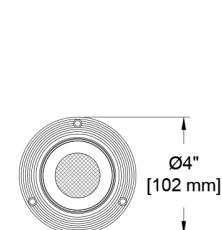
Ceiling Cutouts and Dimensions

Flangeless Monopoint (Remote Driver)



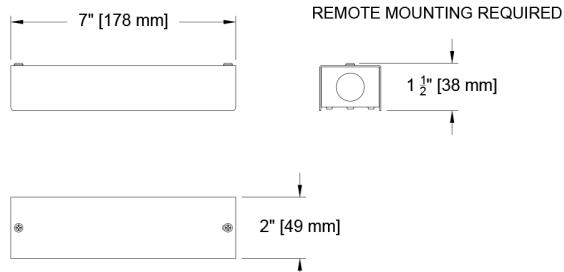
Plaster Surface Mount Sloped Ceiling Remote Driver (SCSM#R-)

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

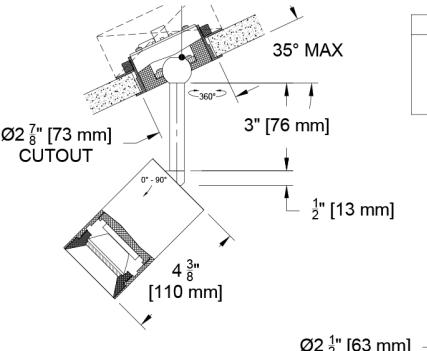


Remote Driver Box

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

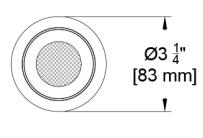


Flanged Monopoint (Remote Driver)



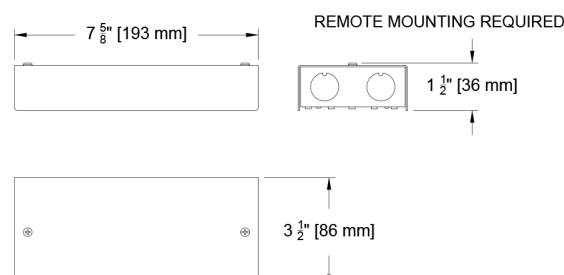
Flanged Surface Mount Sloped Ceiling Remote Driver (SCSM#R-)

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

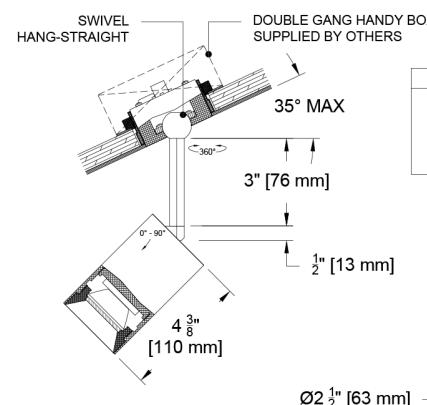


Remote Driver Box

for E4, LD



Flangeless Monopoint (Remote Driver)

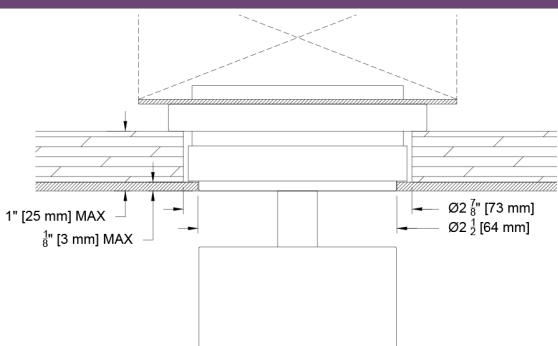


Panel Mount Sloped Ceiling Remote Driver (SCPM#R-)

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



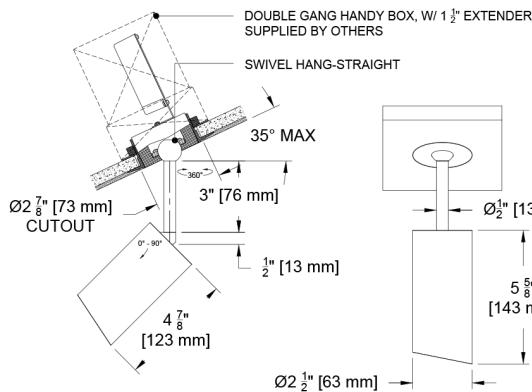
Panel Mount Detail



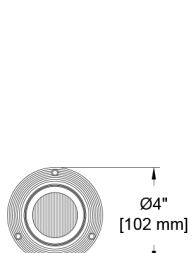
* Double gang handy box supplied by others for fixture mount & low voltage wiring

Ceiling Cutouts and Dimensions

Flangeless Monopoint (Integral Driver)

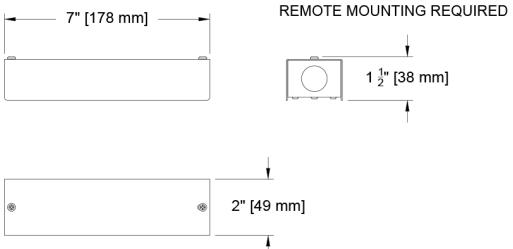


Plaster Surface Mount Sloped Ceiling Integral Driver (SCSMR) (SCOM-RA-Z-SCSMR-)



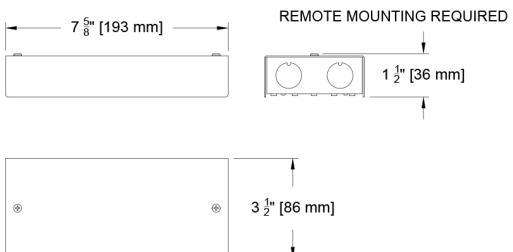
Remote Driver Box

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

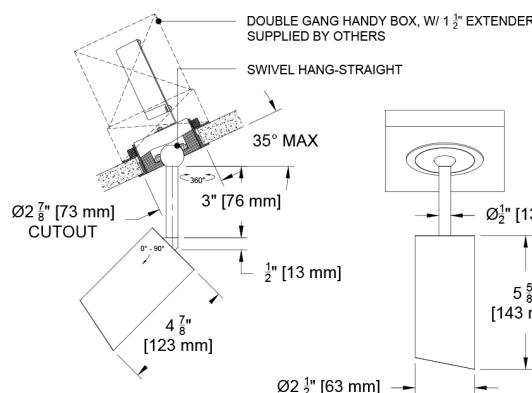


Remote Driver Box

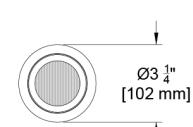
for E4, LD



Flanged Monopoint (Integral Driver)



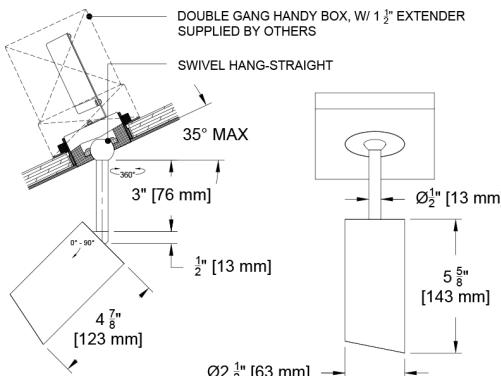
Flanged Surface Mount Sloped Ceiling Integral Driver (SCSMR) (SCOM-RA-F-SCSMR-)



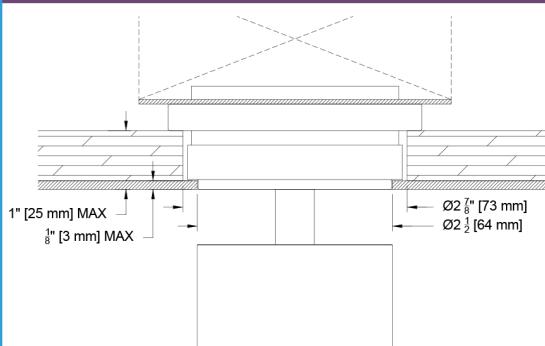
Flangeless Monopoint (Integral Driver)

Panel Mount Sloped Ceiling Integral Driver (SCPMR)

(SCOM-RA-Z-SCPMR-)

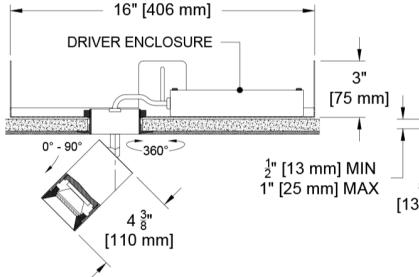


Panel Mount Detail



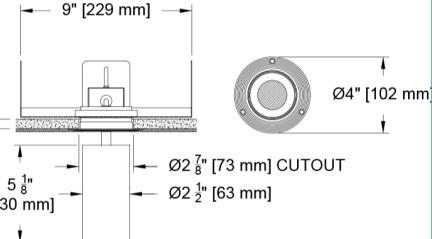
Ceiling Cutouts and Dimensions

Flangeless Monopoint (Remote Driver)

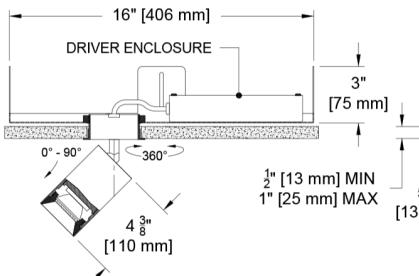


Plaster Surface Mount (SM#R) Bracket Pan (#BP)

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

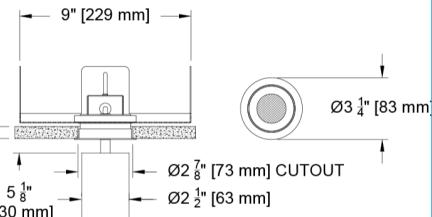


Flanged Monopoint (Remote Driver)

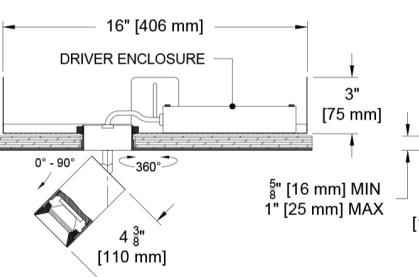


Flanged Surface Mount (SM#R) Bracket Pan (#BP)

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

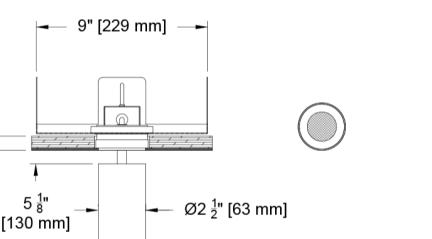


Flangeless Monopoint (Remote Driver)



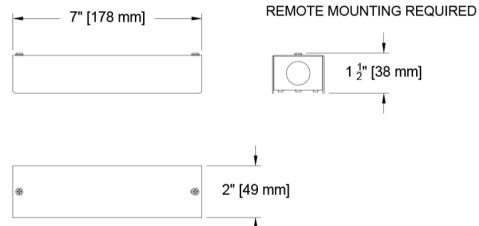
Panel Mount (PM#R) Bracket Pan (#BP)

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



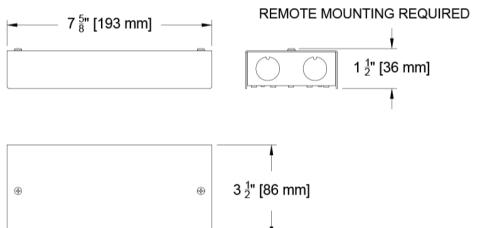
Remote Driver Box

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



Remote Driver Box

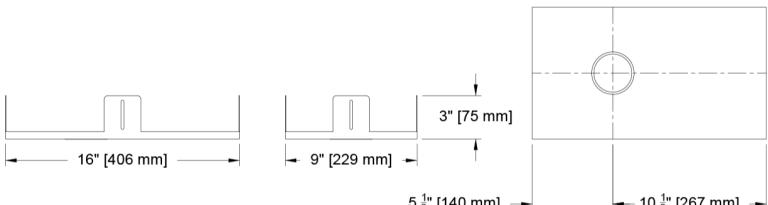
for E4, LD



Bracket Pan Detail

BP

(SCOM-RA-Z-#BP-)



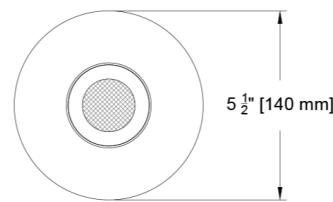
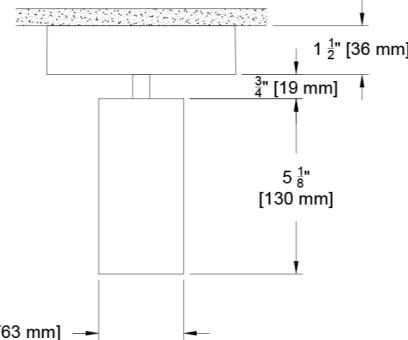
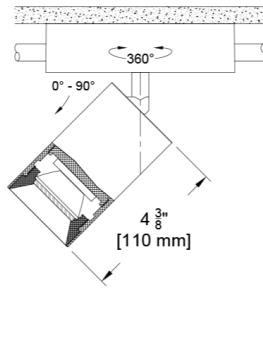
Panel Mount Detail

Ceiling Cutouts and Dimensions

Surface Monopoint (Integral Driver)

Surface Mount Large Junction Box (Integral Driver) SMLJB

(SCOM-RA-CP-SMLJB-)

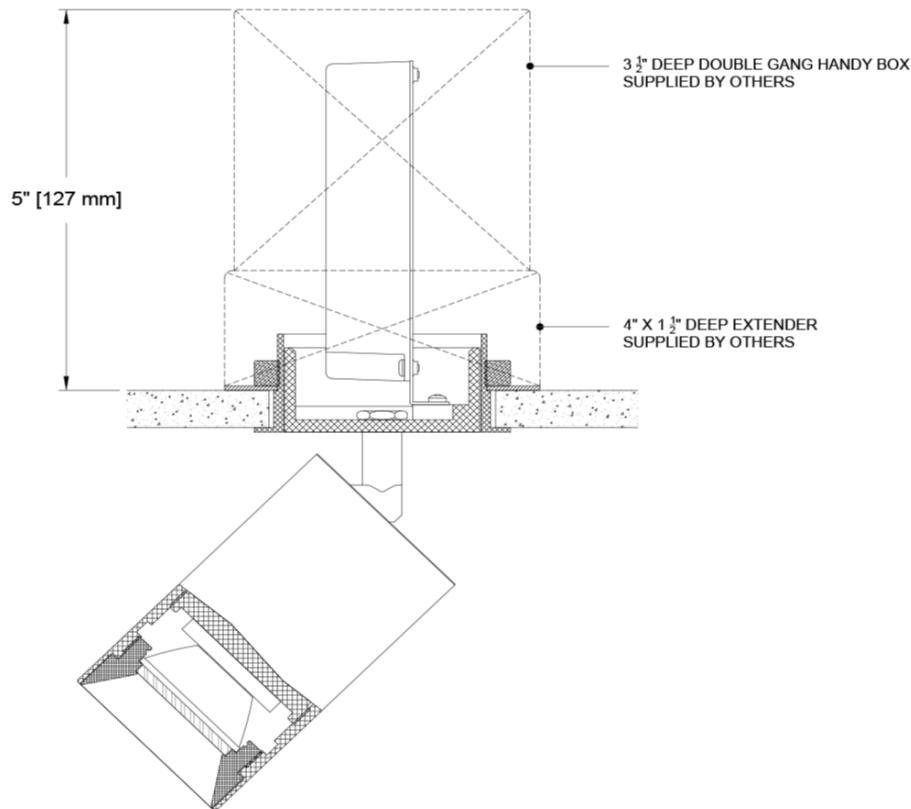


Integral Driver Detail

J-Box Configurations by Driver Type

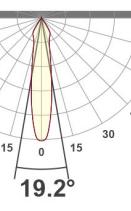
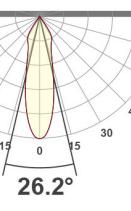
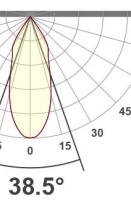
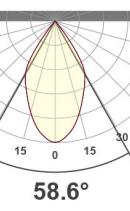
Integral Driver J-Box Configuration

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

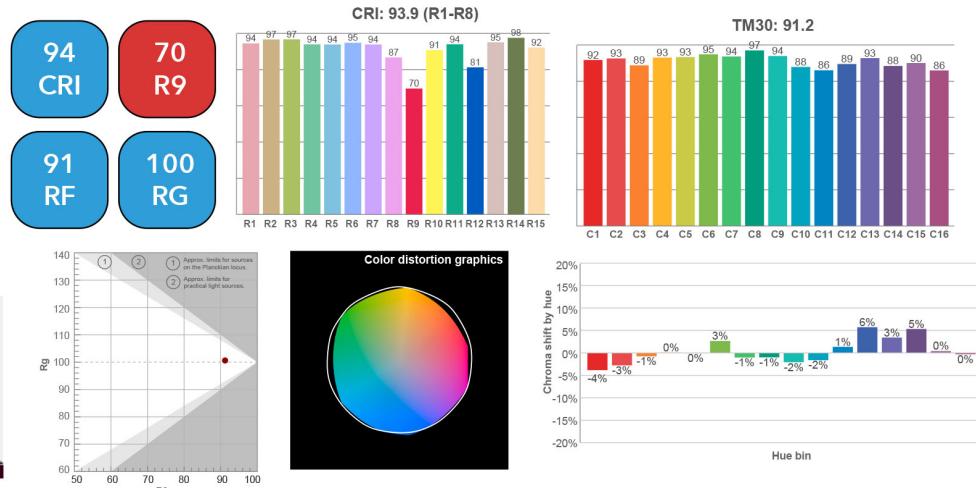
CYLINDER Beamspreads		20°				28°				40°				60°			
	System watts (W)	Delivered Lumens (lm)	Lumens/ Watt	Peak CD	10% Field	Delivered Lumens (lm)	Lumens/ Watt	Peak CD	10% Field	Delivered Lumens (lm)	Lumens/ Watt	Peak CD	10% Field	Del. Lumens (lm)	Lms/ Watt	Peak CD	10% Field
Citizen C14	14	1290	92	4733	68°	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

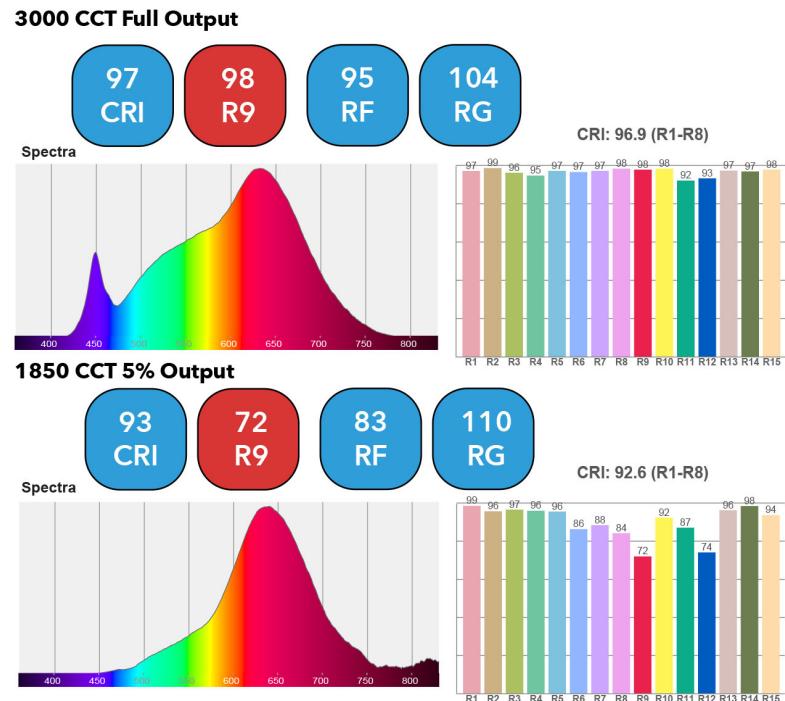
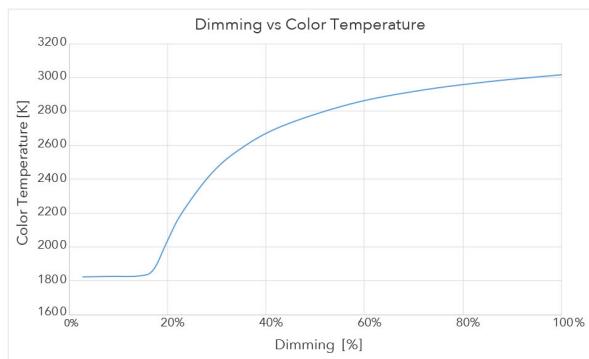
Citizen Source C14, C20

- <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



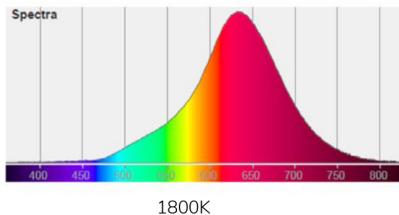
Tunable White source T7 - CCT 1840 (1800k to 4000k)

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

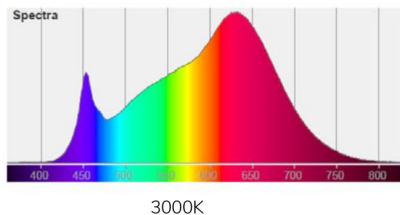
INK	TUNABLE WHITE - 1800-4000K						
Color Temp	1800	2200	2500	2700	3000	3500	4000
System Watts	10	10	10	10	10	10	10
Delivered Lumens	360	412	445	467	513	543	543
Luminaire Efficiency	36	41	44	46	51	54	54

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

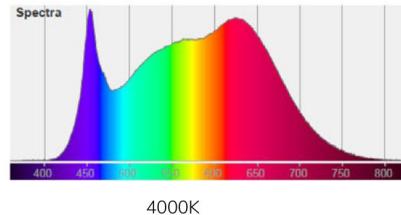
Spectral Power Distributions at all listed CCTs available upon request



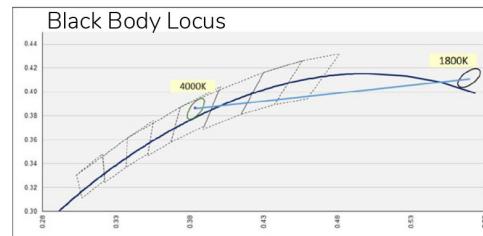
1800K



3000K



4000K



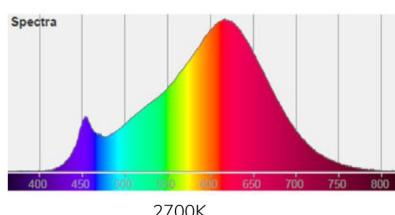
Tunable White source T7 - CCT 2765 (2700k to 6500k)

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

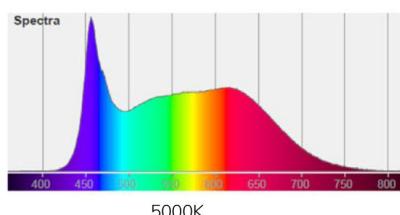
Spectral Power Distributions at all listed CCTs available upon request

INK	TUNABLE WHITE - 2700-6500K								
Color Temp	2700	3000	3500	4000	4500	5000	5500	6000	6500
System Watts	10	10	10	10	10	10	10	10	10
Delivered Lumens	552	569	587	574	587	586	585	584	590
Luminaire Efficiency	56	58	60	59	60	60	60	60	60

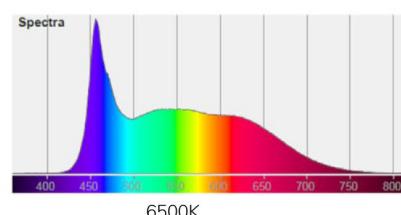
Flux and Color data based on 20° measurement at 4500K. All other values are extrapolated from actual and analytical tests.



2700K



5000K



6500K

