Scope O 2.5" Round Monopoint (64mm)
Adjustable Surface Accent Light
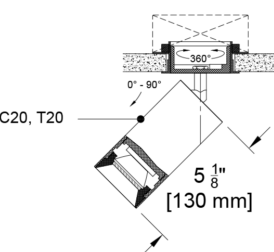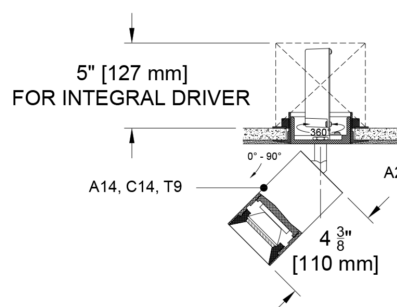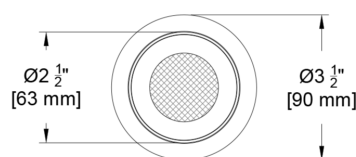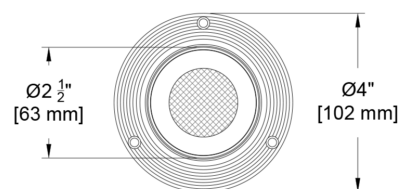
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Scope Original

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 it's 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.

Key Points (SCOM-RA)

Housing

- ₍c₎SPᵤₛCSA 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
- 3 Options for Ambient Dim - 2700K to 2200K, 3000K to 1900K, 3000K to 2200K
  2 Options for Tunable White- 2700K to 6500K and 1800K to 4000K
  RGBWW - 1800K - 6500K
- 90+ CRI, 60+ R9 Standard, 95+ CRI, 90+ R9 available with Ambient Dim option
- TITLE 24 JA8 Supports CA Tilte 24 Requirements to JA8 in most configurations
- Lifetime: L87B3>55,000 hours at 40ºC Ambient

Driver And Control

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

2.5" Round Z (Flangeless)

2.5" Round F (Flanged)

Ø2 ½" [63 mm]   Ø4" [102 mm]

Ø2 ½" [63 mm]   Ø3 ½" [90 mm]

5" [127 mm] FOR INTEGRAL DRIVER

360   0° - 90°   A14, C14, T9   4 ⅜" [110 mm]

360   0° - 90°   A20, C20, T20   5 ⅛" [130 mm]

Finish Options - See finish guide for full spectrum of colors

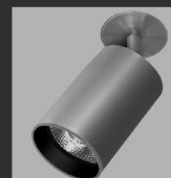| PXX- Powder Coat Paint examples		AXX- Anodize finish examples			AMXX- Matte Anodize	BXX- Brass finish
P14 White Paint	P13 Moog Bronze	A01 Black Anod.	A32 Clear	A20 Blue	AM32 Clear	B05 Satin Brass

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Scope O 2.5" Round Monopoint (64mm)
Adjustable Surface Accent Light

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Ordering Codes

PROJECT: SPECIFIER:

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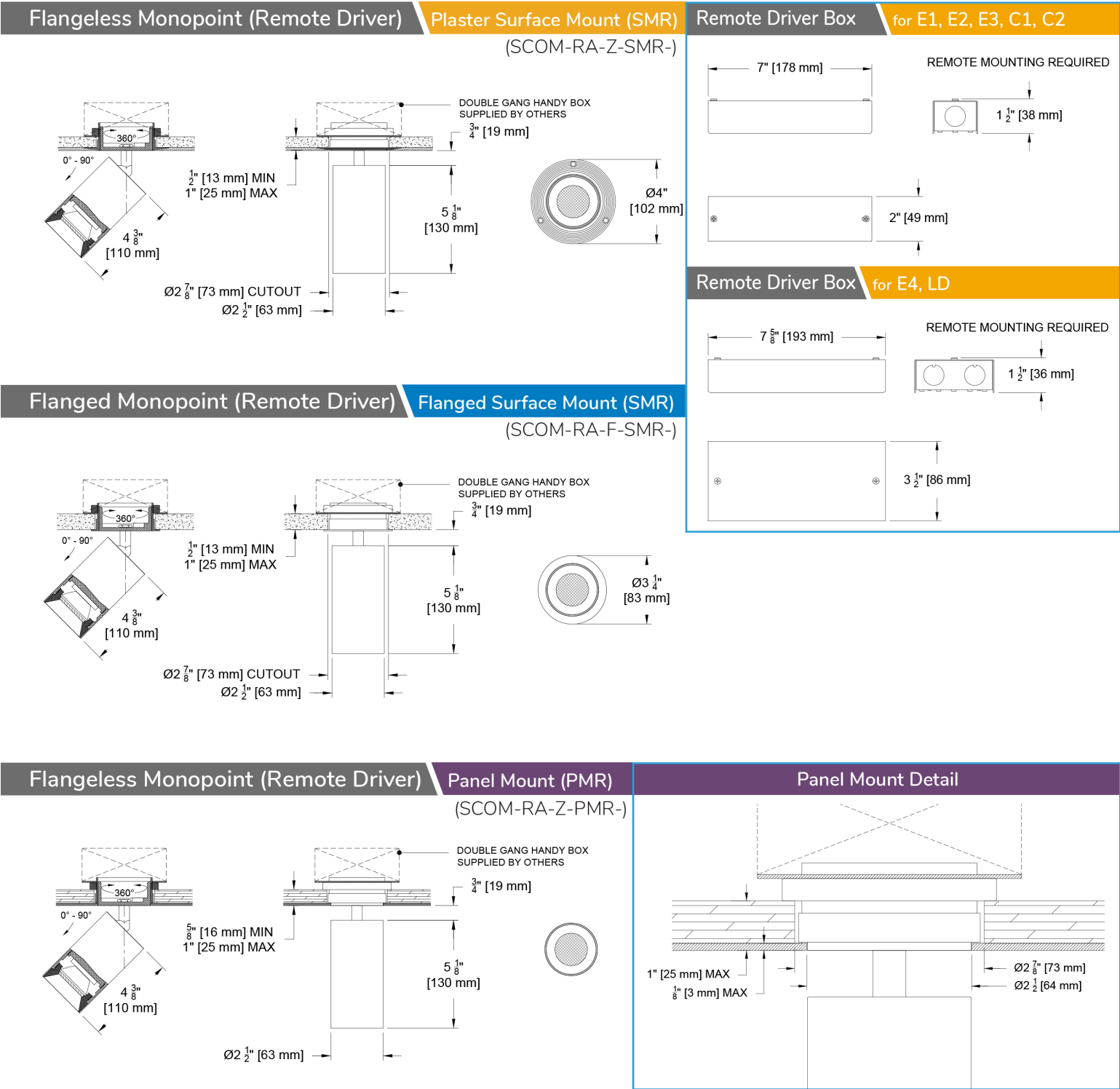
Ordering Code Example: SCOM-RA-F-SM-C14-30-35-C1-A01-91L

FIXTURE	TRIM	MOUNTING	SOURCE / WATTS	CCT	BEAM	DRIVER / CONTROL	HEAD FINISH	ACCESSORIES
SCOM-RA								
Scope Original 2.5" Mono-point - 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 SCSMR Sloped Ceiling Surface Mount ^ Δ (furnished with Hang-Straight) PM Panel Mount *†# PMR Panel Mount ^ Δ SCPMR Sloped Ceiling Panel Mount^ (Remote driver, furnished with Hang-Straight) SCPM Sloped Wood Ceiling Panel Mount ^ † **Shallow Panel Installation** SHPM Shallow Panel Mount Δ **Retro-fit Installation** SHM Shallow Surface Mount Δ **Pancake/ Octagonal J-Box Installation** CM Canopy 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* *† Intergral Driver* *Δ Remote Driver* **# - Bracket Pan available - Add #BP after mounting option**	C14 ● ● 14W 1292Lm* 90+CRI, 60+R9 C20 ● ● 21W 1450Lm** 90+CRI, 60+R9 **Tunable** T9 8W 96+CRI, 88+R9 *Tunable White* T14 90+CRI, 60+R9 *Tunable White* T20 ● ● 21W 90+CRI, 60+R9 *Tunable White* **RGBWW** RGBWW 13W 1346Lm 96+CRI, 93+R9 **E4 Only* **Ambient Dim™** A14 ● ● 15W 95+CRI, 90+R9 A20 ● ● 21W 95+CRI, 90+R9 ● ● Supports CA Title 24 compliance to JA8 requirements (except 1840 20° and 40°) *Based on 28° Beam ** Based on 20° Beam & 2977 CCT	24 2400K 27 2700K 30 3000K 35 3500K 40 4000K **Tunable** TW1840 1800-4000K Tunable White *w/ E1, E2, E3, E4* TW2765 2700-6500K Tunable White *w/ E1, E2, E3, E4* **RGBWW** R1865 1800-6500K RGBWW Dynamic Color Changing **E4 Only* **Ambient Dim™** 2722* 2700-2200K **A14 Only* 3019 3000-1900K 3022* 3000-2200K **A14 Only*	15 Spot 20 Spot 28 Narrow Flood^ 40 Flood 60 Wide Flood^ ^Not Available in (T9) Tunable White	C1 0-10^ 1.0%, UNV (120-277) 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 *RGBW-DMX* *^ INCLUDES DMX/RDM COMPATIBLE DRIVER WITH BUILT-IN DECODER - CONTROLLER BY OTHERS* **Lutron** LD Digital Ecosystem* 1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1 * Requires remote mounting	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 **FINISH GUIDE LINK**	**Reflector (lamp) Media** 97L Black Hexcel Louver* 91L Solite* XXL Other Reflector (lamp) Media* **Other** STM Stem standard length 3/4" For custom size, indicate in inches EM Emergency Pack **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 **LENS ACCESSORY VISUAL GUIDE LINK**

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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.

360°

0° - 90°

$4\frac{3}{8}$"
[110 mm]

DEEP DOUBLE GANG HANDY BOX
W/ EXTENDER SUPPLIED BY OTHERS

$\frac{3}{4}$" [19 mm]

$\frac{1}{2}$" [13 mm] MIN
1" [25 mm] MAX

$5\frac{1}{8}$"
[130 mm]

Ø4"
[102 mm]

Ø$2\frac{7}{8}$" [73 mm] CUTOUT
Ø$2\frac{1}{2}$" [63 mm]

Flanged Monopoint (Integral Driver) Flanged Surface Mount (SM)
(SCOM-RA-F-SM-)

360°

0° - 90°

$4\frac{3}{8}$"
[110 mm]

DEEP DOUBLE GANG HANDY BOX
W/ EXTENDER SUPPLIED BY OTHERS

$\frac{3}{4}$" [19 mm]

$\frac{1}{2}$" [13 mm] MIN
1" [25 mm] MAX

$5\frac{1}{8}$"
[130 mm]

Ø$3\frac{1}{4}$"
[83 mm]

Ø$2\frac{7}{8}$" [73 mm] CUTOUT
Ø$2\frac{1}{2}$" [63 mm]

Flangeless Monopoint (Integral Driver) Panel Mount (PM)
(SCOM-RA-Z-PM-)

Panel Mount Detail

360°

0° - 90°

$4\frac{3}{8}$"
[110 mm]

DEEP DOUBLE GANG HANDY BOX
W/ EXTENDER SUPPLIED BY OTHERS

$\frac{3}{4}$" [19 mm]

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

$5\frac{1}{8}$"
[130 mm]

Ø$2\frac{1}{2}$" [63 mm]

1" [25 mm] MAX
$\frac{1}{8}$" [3 mm] MAX

Ø$2\frac{7}{8}$" [73 mm]
Ø$2\frac{1}{2}$" [64 mm]

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Ceiling Cutouts and Dimensions

Flangeless Monopoint (Remote Driver) — Plaster Surface Mount (SMR)
(SCOM-RA-Z-SMR-)

360°
0° - 90°
$4\frac{3}{8}$" [110 mm]
$\frac{1}{2}$" [13 mm] MIN
1" [25 mm] MAX
$\frac{3}{4}$" [19 mm]
DOUBLE GANG HANDY BOX SUPPLIED BY OTHERS
$5\frac{1}{8}$" [130 mm]
Ø$2\frac{7}{8}$" [73 mm] CUTOUT
Ø$2\frac{1}{2}$" [63 mm]
Ø4" [102 mm]

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

REMOTE MOUNTING REQUIRED
7" [178 mm]
$1\frac{1}{2}$" [38 mm]
2" [49 mm]

Remote Driver Box — for E4, LD

REMOTE MOUNTING REQUIRED
$7\frac{5}{8}$" [193 mm]
$1\frac{1}{2}$" [36 mm]
$3\frac{1}{2}$" [86 mm]

Flanged Monopoint (Remote Driver) — Flanged Surface Mount (SMR)
(SCOM-RA-F-SMR-)

360°
0° - 90°
$4\frac{3}{8}$" [110 mm]
$\frac{1}{2}$" [13 mm] MIN
1" [25 mm] MAX
$\frac{3}{4}$" [19 mm]
DOUBLE GANG HANDY BOX SUPPLIED BY OTHERS
$5\frac{1}{8}$" [130 mm]
Ø$2\frac{7}{8}$" [73 mm] CUTOUT
Ø$2\frac{1}{2}$" [63 mm]
Ø$3\frac{1}{4}$" [83 mm]

Flangeless Monopoint (Remote Driver) — Panel Mount (PMR)
(SCOM-RA-Z-PMR-)

360°
0° - 90°
$4\frac{3}{8}$" [110 mm]
$\frac{5}{8}$" [16 mm] MIN
1" [25 mm] MAX
$\frac{3}{4}$" [19 mm]
DOUBLE GANG HANDY BOX SUPPLIED BY OTHERS
$5\frac{1}{8}$" [130 mm]
Ø$2\frac{1}{2}$" [63 mm]

Panel Mount Detail

1" [25 mm] MAX
$\frac{1}{8}$" [3 mm] MAX
Ø$2\frac{7}{8}$" [73 mm]
Ø$2\frac{1}{2}$" [64 mm]

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Ceiling Cutouts and Dimensions

Flangeless Monopoint (Remote Driver)

Plaster Retro-fit / Shallow Surface Mount (SHM)

(SCOM-RA-Z-SHM-)

TO DRIVER

360°

0° - 90°

4 3/8"
[110 mm]

1" [25 mm] MAX

3/4" [19 mm]

5 1/8"
[130 mm]

Ø4"
[102 mm]

Ø3 3/8" [86 mm] CUTOUT
Ø2 1/2" [63 mm]

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

7" [178 mm]

REMOTE MOUNTING REQUIRED

1 1/2" [38 mm]

2" [49 mm]
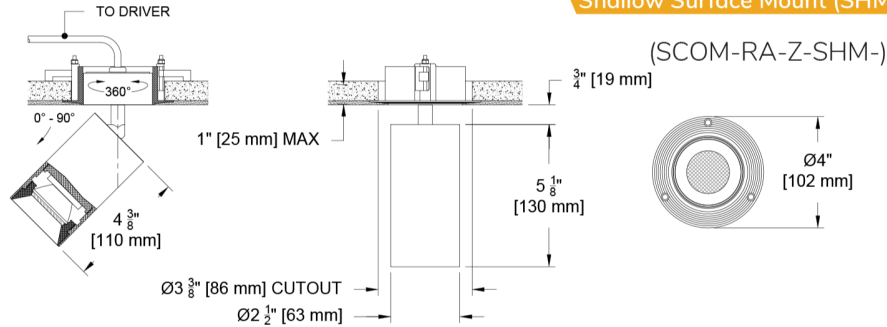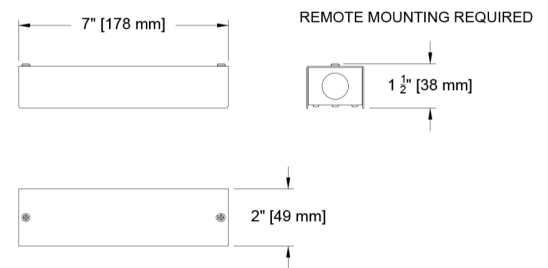
Flanged Monopoint (Remote Driver)

Flanged Retro-fit / Shallow Surface Mount (SHM)

(SCOM-RA-F-SHM-)

TO DRIVER

360°

0° - 90°

4 3/8"
[110 mm]

1" [25 mm] MAX

3/4" [19 mm]

5 1/8"
[130 mm]

Ø3 1/4"
[83 mm]

Ø3" [76 mm] CUTOUT
Ø2 1/2" [63 mm]

Remote Driver Box — for E4, LD

7 5/8" [193 mm]

REMOTE MOUNTING REQUIRED

1 1/2" [36 mm]

3 1/2" [86 mm]
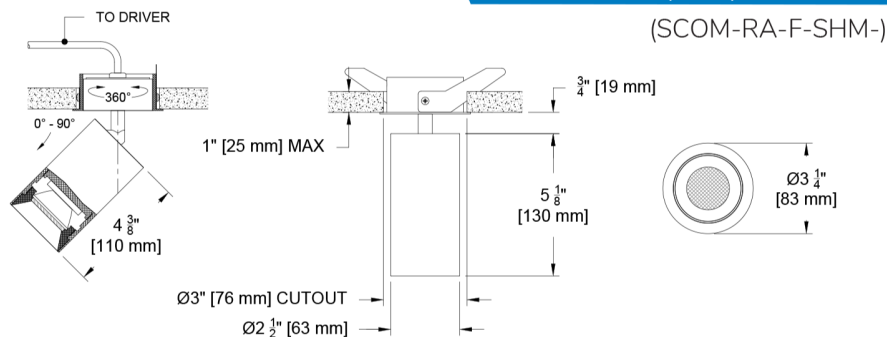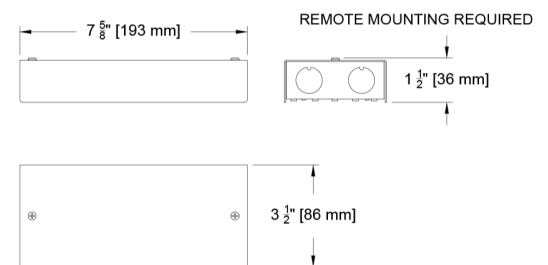
Flangeless Monopoint (Remote Driver)

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

(SCOM-RA-Z-SHPM-)

TO DRIVER

360°

0° - 90°

4 3/8"
[110 mm]

5/8" [16 mm] MIN
1" [25 mm] MAX

3/4" [19 mm]

5 1/8"
[130 mm]

Ø2 1/2" [63 mm]

Panel Mount Detail

1" [25 mm] MAX
1/8" [3 mm] MAX

Ø2 7/8" [73 mm]
Ø2 1/2" [64 mm]
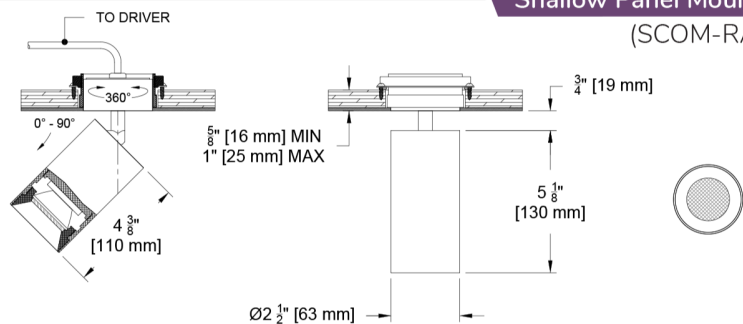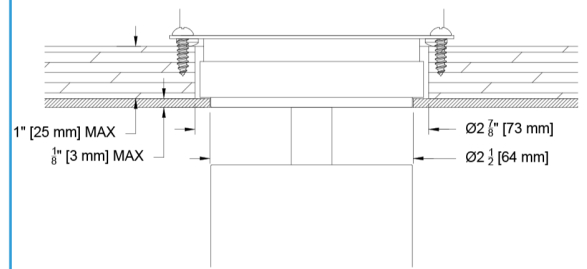
Canopy Plate (Remote Driver)

Canopy Mount (CP-CM)

(SCOM-RA-CP-CM-)

360°

0° - 90°

4 3/8"
[110 mm]

OCTAGONAL J-BOX OR Ø4" PANCAKE BOX
SUPPLIED BY OTHERS

7/8" [21 mm]

5 1/8"
[130 mm]

Ø4 1/2"
[114 mm]

Ø2 1/2" [63 mm]

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Ceiling Cutouts and Dimensions

Flangeless Monopoint (Remote Driver)

SWIVEL HANG-STRAIGHT
DOUBLE GANG HANDY BOX SUPPLIED BY OTHERS
35° MAX
360°
3" [76 mm]
Ø2 7/8" [73 mm] CUTOUT
0° - 90°
4 3/8" [110 mm]
Ø1/2" [13 mm]
1/2" [13 mm]
5 1/8" [130 mm]
Ø2 1/2" [63 mm]

Plaster Surface Mount Sloped Ceiling Remote Driver (SCSMR)

(SCOM-RA-Z-SCSMR-)

Ø4" [102 mm]

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

7" [178 mm]

REMOTE MOUNTING REQUIRED

1 1/2" [38 mm]

2" [49 mm]

Remote Driver Box — for E4, LD

7 5/8" [193 mm]

REMOTE MOUNTING REQUIRED

1 1/2" [36 mm]

3 1/2" [86 mm]

Flanged Monopoint (Remote Driver)

SWIVEL HANG-STRAIGHT
DOUBLE GANG HANDY BOX SUPPLIED BY OTHERS
35° MAX
360°
3" [76 mm]
Ø2 7/8" [73 mm] CUTOUT
0° - 90°
4 3/8" [110 mm]
Ø1/2" [13 mm]
1/2" [13 mm]
5 1/8" [130 mm]
Ø2 1/2" [63 mm]

Flanged Surface Mount Sloped Ceiling Remote Driver (SCSMR)

(SCOM-RA-F-SCSMR-)

Ø3 1/4" [83 mm]

Flangeless Monopoint (Remote Driver)

SWIVEL HANG-STRAIGHT
DOUBLE GANG HANDY BOX SUPPLIED BY OTHERS
35° MAX
360°
3" [76 mm]
0° - 90°
4 3/8" [110 mm]
Ø1/2" [13 mm]
1/2" [13 mm]
5 1/8" [130 mm]
Ø2 1/2" [63 mm]

Panel Mount Sloped Ceiling Remote Driver (SCPMR)

(SCOM-RA-Z-SCPMR-)
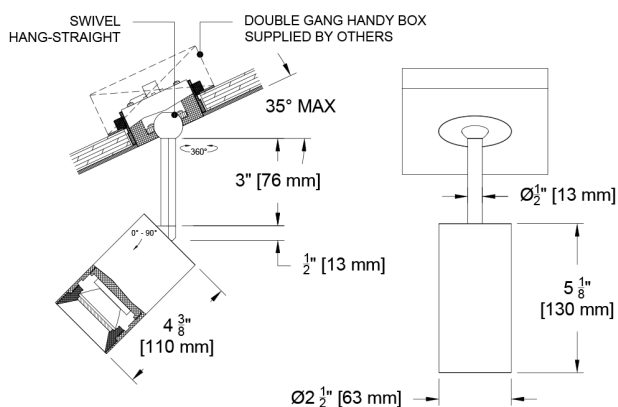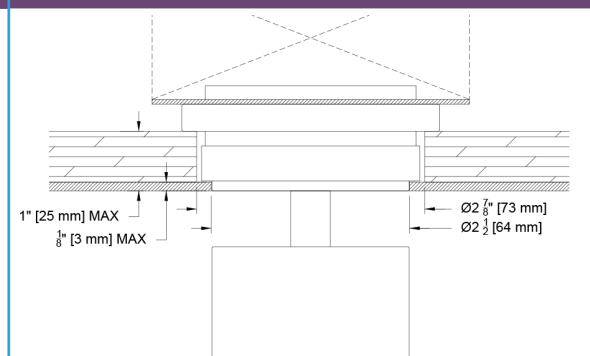
Panel Mount Detail

1" [25 mm] MAX
1/8" [3 mm] MAX
Ø2 7/8" [73 mm]
Ø2 1/2" [64 mm]

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Ceiling Cutouts and Dimensions

Flangeless Monopoint (Integral Driver)

DOUBLE GANG HANDY BOX, W/ 1 $\frac{1}{2}$" EXTENDER SUPPLIED BY OTHERS

SWIVEL HANG-STRAIGHT

35° MAX

360°

3" [76 mm]

Ø2 $\frac{7}{8}$" [73 mm] CUTOUT

0° - 90°

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

4 $\frac{3}{8}$" [110 mm]

Ø $\frac{1}{2}$" [13 mm]

5 $\frac{1}{8}$" [130 mm]

Ø2 $\frac{1}{2}$" [63 mm]

Ø4" [102 mm]

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

Remote Driver Box — for E1, E2, E3, C1, C2
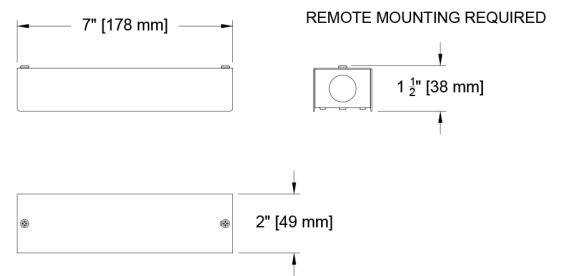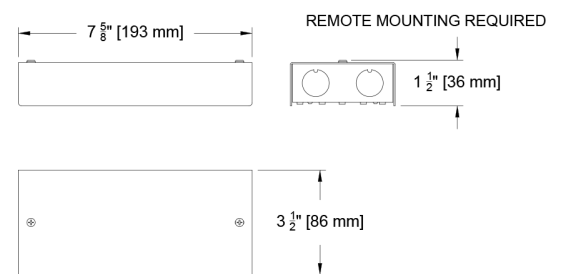
7" [178 mm]

REMOTE MOUNTING REQUIRED

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

2" [49 mm]

Remote Driver Box — for E4, LD

7 $\frac{5}{8}$" [193 mm]

REMOTE MOUNTING REQUIRED

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

3 $\frac{1}{2}$" [86 mm]

Flanged Monopoint (Integral Driver)

DOUBLE GANG HANDY BOX, W/ 1 $\frac{1}{2}$" EXTENDER SUPPLIED BY OTHERS

SWIVEL HANG-STRAIGHT

35° MAX

360°

3" [76 mm]

Ø2 $\frac{7}{8}$" [73 mm] CUTOUT

0° - 90°

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

4 $\frac{3}{8}$" [110 mm]

Ø $\frac{1}{2}$" [13 mm]

Ø2 $\frac{1}{2}$" [63 mm]

Ø3 $\frac{1}{4}$" [102 mm]

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

Flangeless Monopoint (Integral Driver)

DOUBLE GANG HANDY BOX, W/ 1 $\frac{1}{2}$" EXTENDER SUPPLIED BY OTHERS

SWIVEL HANG-STRAIGHT

35° MAX

360°

3" [76 mm]

0° - 90°

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

4 $\frac{3}{8}$" [110 mm]

Ø $\frac{1}{2}$" [13 mm]

5 $\frac{5}{8}$" [143 mm]

Ø2 $\frac{1}{2}$" [63 mm]

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

Panel Mount Detail

1" [25 mm] MAX

$\frac{1}{8}$" [3 mm] MAX

Ø2 $\frac{7}{8}$" [73 mm]
Ø2 $\frac{1}{2}$" [64 mm]

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Ceiling Cutouts and Dimensions

Flangeless Monopoint (Integral Driver) | Plaster Surface Mount (SMR) Bracket Pan (#BP)
(SCOM-RA-Z-SMR#BP-)

16" [406 mm]
DRIVER ENCLOSURE
3" [75 mm]
0° - 90°
360°
4 3/8" [110 mm]

9" [229 mm]
1/2" [13 mm] MIN
1" [25 mm] MAX
5 1/8" [130 mm]
Ø4" [102 mm]
Ø2 7/8" [73 mm] CUTOUT
Ø2 1/2" [63 mm]

Remote Driver Box | for E1, E2, E3, C1, C2
7" [178 mm]
REMOTE MOUNTING REQUIRED
1 1/2" [38 mm]
2" [49 mm]

Flanged Monopoint (Integral Driver) | Flanged Surface Mount (SMR) Bracket Pan (#BP)
(SCOM-RA-F-SMR#BP-)

16" [406 mm]
DRIVER ENCLOSURE
3" [75 mm]
0° - 90°
360°
4 3/8" [110 mm]

9" [229 mm]
1/2" [13 mm] MIN
1" [25 mm] MAX
5 1/8" [130 mm]
Ø3 1/4" [83 mm]
Ø2 7/8" [73 mm] CUTOUT
Ø2 1/2" [63 mm]

Remote Driver Box | for E4, LD
7 5/8" [193 mm]
REMOTE MOUNTING REQUIRED
1 7/16" [36 mm]
3 1/2" [86 mm]

Flangeless Monopoint (Integral Driver) | Panel Mount (PMR) Bracket Pan (#BP)
(SCOM-RA-Z-PMR#BP-)

16" [406 mm]
DRIVER ENCLOSURE
3" [75 mm]
0° - 90°
360°
4 3/8" [110 mm]

9" [229 mm]
5/8" [16 mm] MIN
1" [25 mm] MAX
5 1/8" [130 mm]
Ø2 1/2" [63 mm]

Panel Mount Detail
1" [25 mm] MAX
1/8" [3 mm] MAX
Ø2 7/8" [73 mm]
Ø2 1/2" [64 mm]

Bracklet Pan Detail | BP
(SCOM-RA-Z-BP-)

16" [406 mm]
9" [229 mm]
3" [75 mm]
5 1/2" [140 mm]
10 1/2" [267 mm]

Bracket Pan Mounting Detail
14" [356 mm] - 26" [660 mm]
BRACKET PAN
BUTTERFLY BRACKET
HANGER BAR

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1306 Doris Ave., Ocean, NJ 07712
Tel. 732.517.0800 | Fax 732.517.0971

Ceiling Cutouts and Dimensions

Surface Monopoint (Integral Driver)

Surface Mount Large Junction Box (Integral Driver) SMLJB

(SCOM-RA-CP-SMLJB-)

360°

0° - 90°

4 $\frac{3}{8}$" [110 mm]

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

$\frac{3}{4}$" [19 mm]

5 $\frac{1}{8}$" [130 mm]

Ø2 $\frac{1}{2}$" [63 mm]

5 $\frac{1}{2}$" [140 mm]

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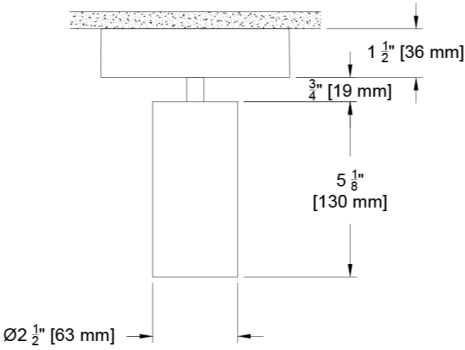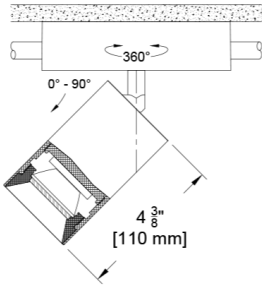
Integral Driver Detail
J-Box Configurations by Driver Type
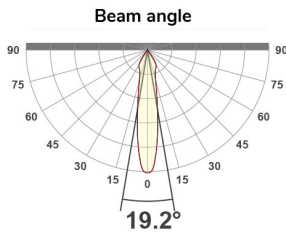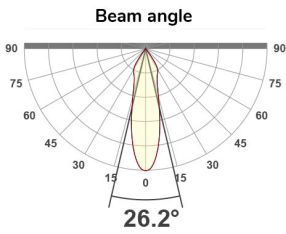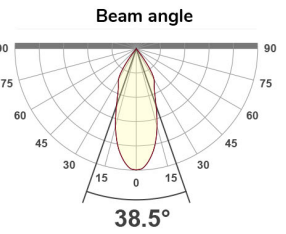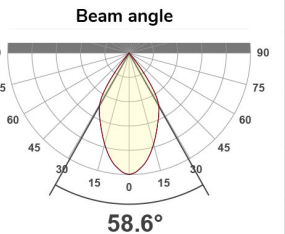
Integral Driver J-Box Configuration — E1, E2, E3, C1, C2 Drivers

3 ½" DEEP DOUBLE GANG HANDY BOX SUPPLIED BY OTHERS

4" X 1 ½" DEEP EXTENDER SUPPLIED BY OTHERS

5" [127 mm]

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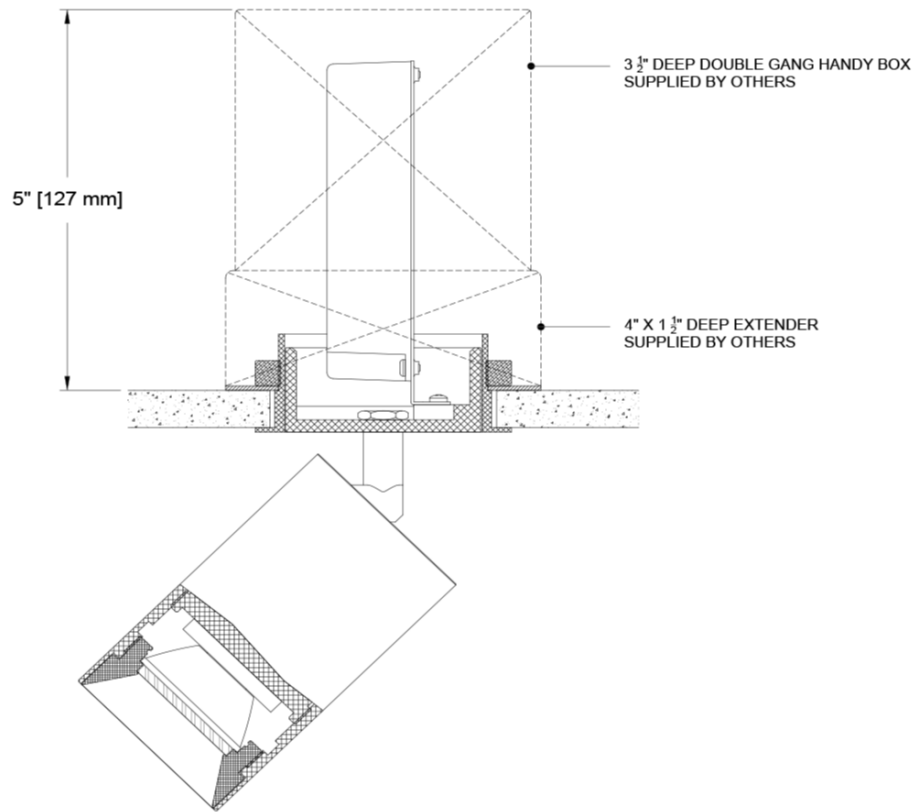
Photometric Table

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	System watts (W)	20°				28°				40°				60°			
		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	
CCT	Citizen
2700	0.95
3000	1.00
3500	1.02
4000	1.03

Beam angle — 19.2°

Beam angle — 26.2°

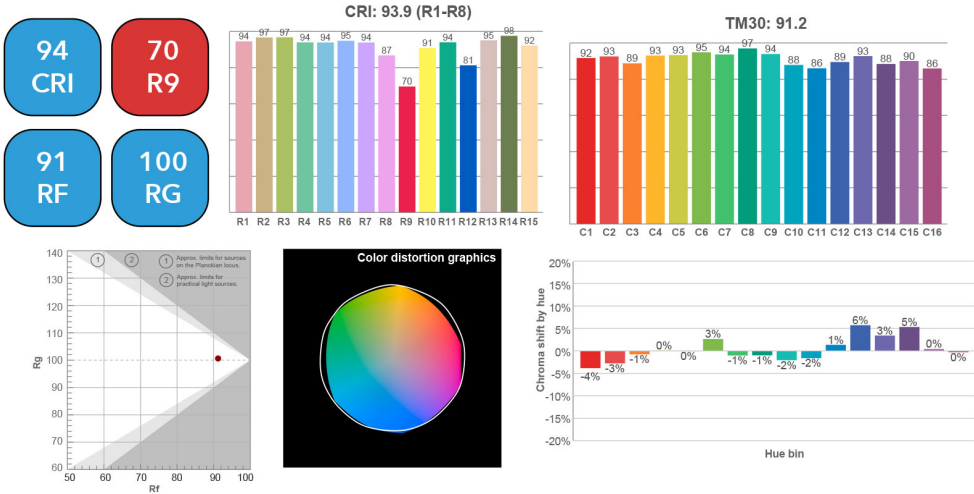**Beam angle** — 38.5°

Beam angle — 58.6°

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.

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Color Data

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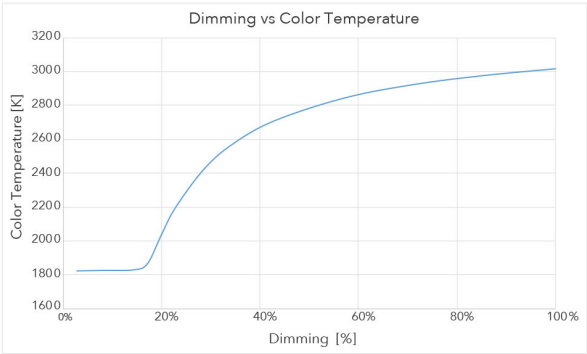
Citizen Source C14, C20

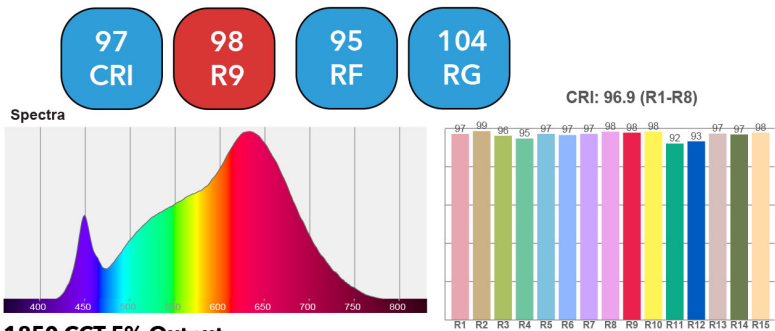- <2 MacAdam Ellipse (<2 SDCM)
- 90+ CRI and RF
- 60+R9, Hue Bin 1

94 CRI	70 R9
91 RF	100 RG

CRI: 93.9 (R1-R8)

TM30: 91.2

Spectra

Color distortion graphics

Chroma shift by hue

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

3000 CCT Full Output

97 CRI	98 R9	95 RF	104 RG

Spectra

CRI: 96.9 (R1-R8)

1850 CCT 5% Output

93 CRI	72 R9	83 RF	110 RG

Spectra

CRI: 92.6 (R1-R8)

Dimming vs Color Temperature

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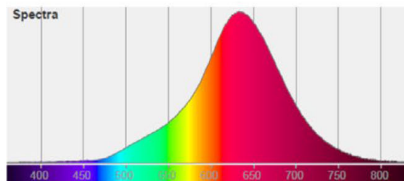Tel. 732.517.0800 | Fax 732.517.0971
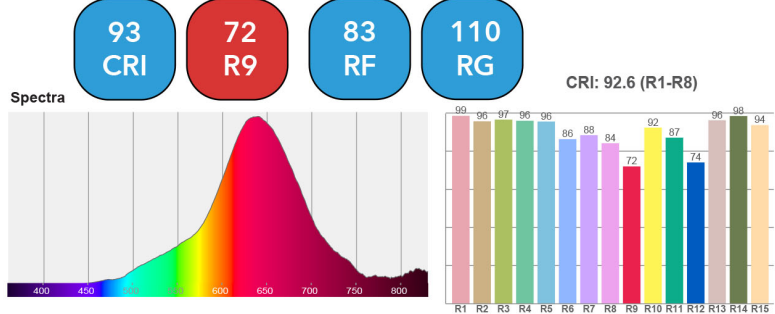
Tunable White source T7 - CCT 1840 (1800k to 4000k)

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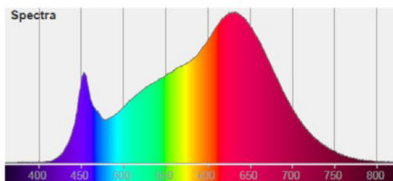- Available in both wired or wireless control

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

TUNABLE WHITE - 1800-4000K

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

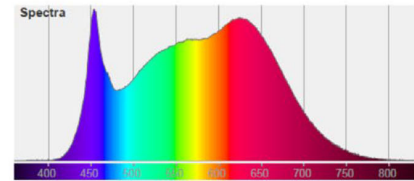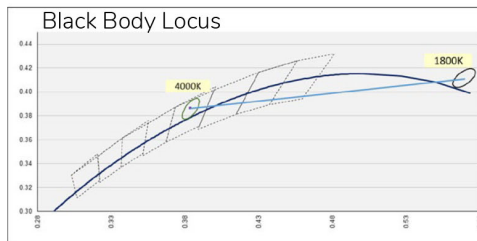Spectral Power Distributions at all listed CCTs available upon request

1800K

3000K

4000K

94 CRI | 76 R9 | 89 RF | 97 RG
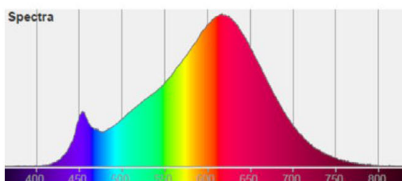

Black Body Locus

1800K ←→ 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
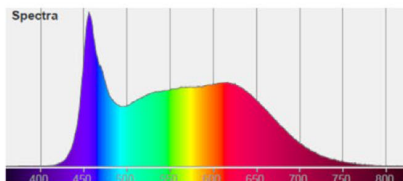- Available in both wired or wireless control

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

TUNABLE WHITE - 2700-6500K

Flux and Color data based on 20° measurement at 4500k. All other values are extroplated from actual and analytical tests.
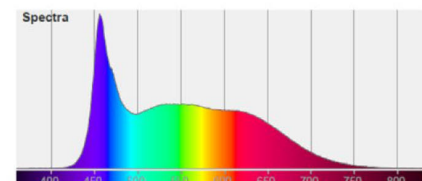
Spectral Power Distributions at all listed CCTs available upon request

2700K

5000K

6500K

96 CRI | 76 R9 | 91 RF | 99 RG

Black Body Locus

2700K ←→ 6500K

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