Scope O 2.5" Round Downlight (64mm)
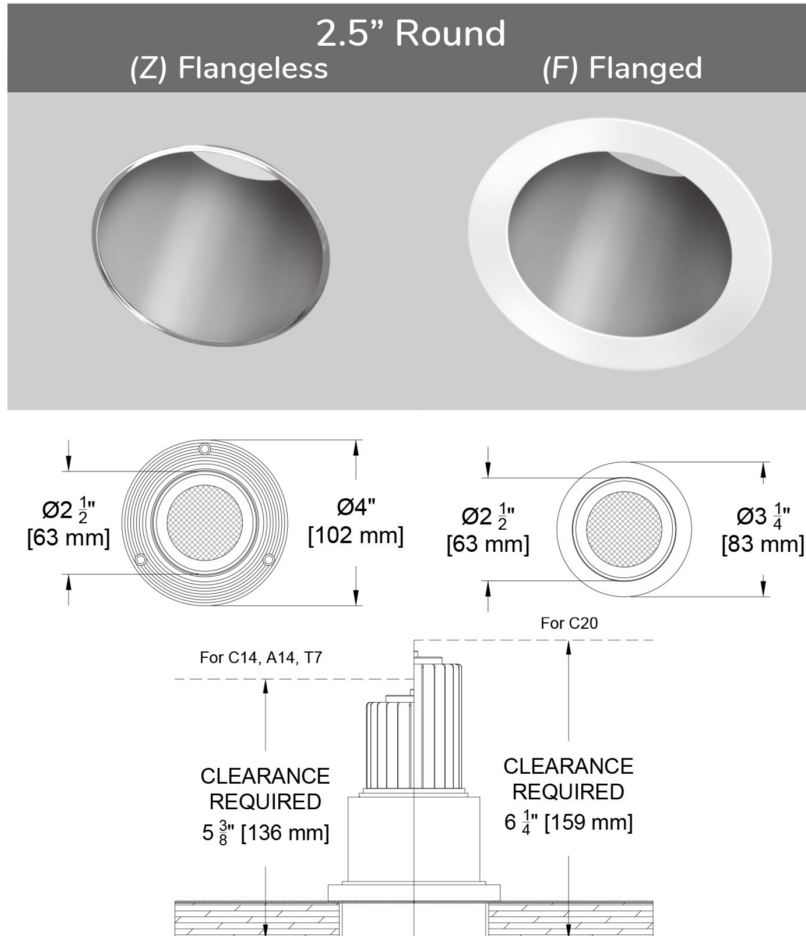
Formerly 4500 (FA, GA, PA), 4501, 4600
Fixed Recessed Accent Light

Specialty lighting industries

PROJECT: TYPE:

SPECIFIER: DATE:

Scope Original

The Scope Original is a small aperture downlight family used to great acclaim in thousands of projects over the last 20 years. Featuring some plenum intrusions <3 ½" and a wide selection of aperture types, we have expanded this offering with new mounting options, a large selection of source technology and control options. This modifiable fixture has over 40 finish options including a wood trim selection. You have found the Round Downlight Datasheet and we hope you enjoy the details

Key Points (SCOD-R)

Trim
- Machined aluminum Body in USA
- Wood trim bezel available on Flangeless option
- 40 finish colors + custom and RAL available for trim flange and bezel. Finishes can be mixed and matched. See Finish Guide
- Flange or flangeless

Source / Optics
- 3 beam spreads - 10°, 20° and 30°
- Up to 1385 delivered lumens
- <2 MacAdams Ellipses (<2 SDCM)
- 90+ CRI, 60+ R9 Standard, 95+ CRI, 90+ R9 available with AmbientDim™ option
- 2400K, 2700K, 3000K, 3500K, 4000K AmbientDim™, Tunable White, and RGBWW Options Available
- TITLE 24 Source supports California Tilte 24 Requirements to JA8 in many combinations
- Lifetime: L87B3>55,000 hours at 40ºC Ambient (for fixed White)

Housing
- 2 pan options rated IC / Airtight for use in direct contact with insulation (not for spray foam)
- TITLE 24 IC Rated / airtight housing approved for use in direct contact with insulation Chicago Plenum Available and meets CA Title 24
- cᴄᴜ₂ᵤₛ listed for damp location - wet rating with Shower Trim selection
- Remodel or millwork option available

Driver And Control
- Drivers are integral with fixtures unless noted as remote mount with * in ordering code options. "K can" type drivers do not fit through the 2.5" hole
- TruPhase™, 0-10, DALI-2, DMX, Ecosystem or Wireless Control
- Flicker free to IEEE 1789-2015 availablewith EldoLED and TruPhase™ selections
- Universal 120-277v

2.5" Round

(Z) Flangeless   **(F) Flanged**

Ø2 ½" [63 mm]   Ø4" [102 mm]
Ø2 ½" [63 mm]   Ø3 ¼" [83 mm]

For C20

For C14, A14, T7

CLEARANCE REQUIRED 5 ³⁄₈" [136 mm]

CLEARANCE REQUIRED 6 ¼" [159 mm]

2.5" Aperture Options

Deep Regress (DR)
Formerly known as 4500

Shallow Regress (SR)
Formerly known as 4501

Drop Glass (DG)
Formerly known as 4500

FL- Flat (Pin Hole)
Formerly known as 4500

Semi Recessed (SM)
Formerly known as 4600

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Ordering Codes

PROJECT: SPECIFIER:

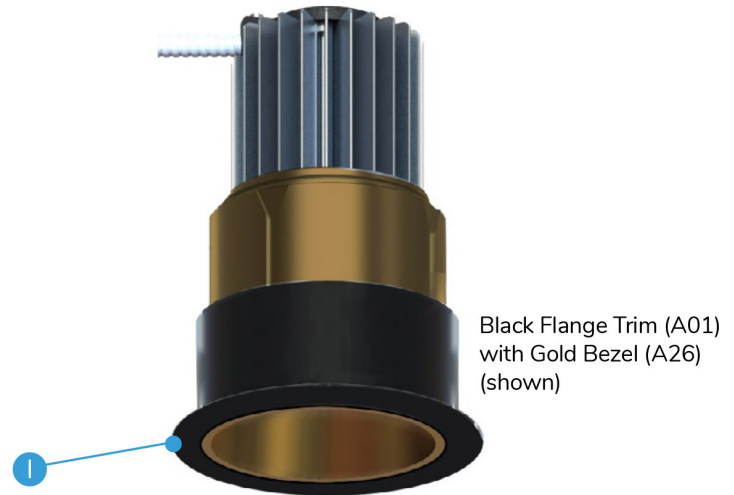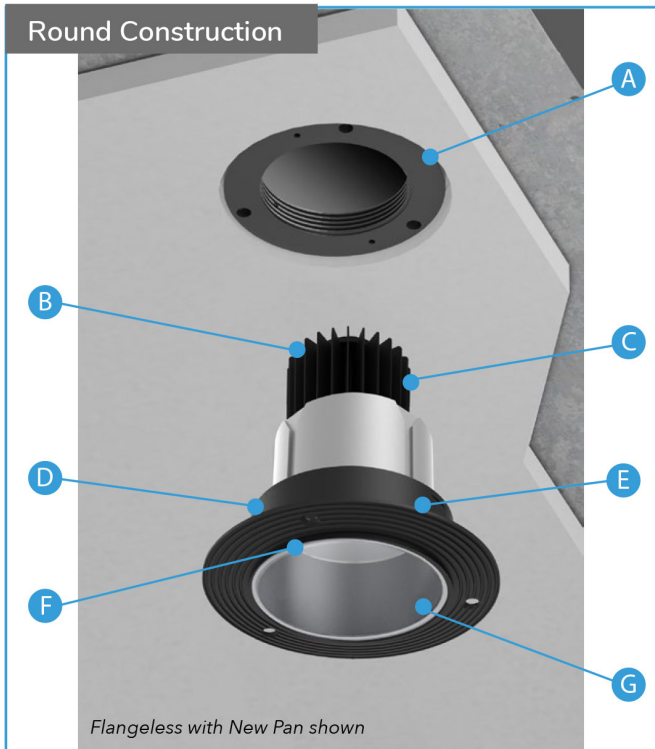DATE: TYPE: QUANTITY:

Ordering Code Example: SCOD-R-SR-F-NP-C20-30-20-C1-A24-P16-91L

FIXTURE	APERTURE	TRIM	MOUNTING	SOURCE / WATTS	CCT	BEAM	DRIVER / CONTROL	BEZEL FINISH	TRIM FINISH	LENS ACCESSORIES	ACCESSORIES
SCOD-R											
Scope Original 2.5" Downlight - Round	DR Deep Regress	F Flanged Trim	BP Bracket Pan (IC/Airtight) for mounting with hanger bars to studs or T-bar^	**Citizen**	24 2400K	10 Spot*	C1 0-10 1.0%, UNV (120-277V) linear	A01 Black Anodize	A01 Black Anodize	Reflector (lamp) Media	CP Chicago Plenum
	SR Shallow Regress	Z Flangeless Trim		C14 ●● 14W 1009Lm* 90+CRI, 60+R9	27 2700K	15 Spot	C2 ELV/Triac 1.0%, (120V) linear	A32 Clear Aluminum Anodize	A32 Clear Aluminum Anodize	91L Solite	EM Emergency Pack
	FL Flat (Pin Hole)	FS Flanged Shower Trim*	NP New Pan (IC/Airtight) for Mounting to bottom of wood studs^	C20 ●● 21W 1385Lm* 90+CRI, 60+R9	30 3000K	20 Narrow Flood	E1 0-10* 0.1%, UNV (120-277V) log			92L Supertex (spreader lens)	**Controls**
	DG Drop Glass *	ZS Flangeless Shower Trim*		**Tunable**	35 3500K	30 Flood	E2 DALI-2* 0.1%, UNV (120-277V) log	AXX Other Anodize colors*	AXX Specialty anodize color*	97L Black Hexcel Louver	LR Lutron Wireless RF PowPak
	SM Semi-Recessed^	*Requires aperature lens selection for wet listing	AT ●● Airtight Housing*	T14 90+CRI, 60+R9 *Tunable White*	40 4000K	*Other than Drop Glass, not recomended to use with Tunable (TW) source due to source imaging	E3 0-10* 0.1%, UNV (120-277V) linear	A1-A36	A1-A36	XXL Other reflector (lamp) media*	ATH Lutron Athena Wireless Node *Must be used with E2 driver (DALI-2)*
	^Available with Flanged Trim only		RM Remodel mounts direct to ceiling - Wing Springs for flanged and drywall anchors for flangeless	T20 20W 90+CRI, *Tunable White*	**Tunable**		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*	D Wood** (Z trim only)	W White Paint	**LENS ACCESSORY VISUAL GUIDE LINK**	CA Casambi Wireless BLE to be paired with driver
	*Available with 10° optic only			RGBWW 90+CRI, 60+R9 *E4 Only*	TW1840 1800-4000K Tunable White w/ E1, E2, E3, E4						
			PM Panel Mount§	**Ambient Dim™**	TW2765 2700-6500K Tunable White w/ E1, E2, E3, E4		LD Digital Ecosystem* 1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1	PXX Specialty Paint Color*	PXX Specialty Paint Color*		
			APM ●● Panel Mount Airtight/IC Housing * §	A14 ●● 15W 90+CRI, 60+R9	R1880 1800-6500K RGBWW Dynamic Color Changing *E4 Only*			P01-P15	P01-P15		
				A20 ●● 21W 90+CRI, 60+R9	**Ambient Dim™**		TR2 TruPhase™ 0.1%, (120-120V) log Up to 20W Forward and Reverse compatible Phase Dimming Static White & Ambient Dim only	C Custom/RAL Color**	C Custom/RAL Color Paint*		
			●● Suports CA Title 24 Compliance (not for Drop Glass or C20/A14 Flat)		2722* 2700-2200K *A14 Only*		*Requires remote mounting	*See Finish Guide **See Wood Trim Guide	K Blank for use with Flangeless or Panel Mount		
			*Based on 20° Deep Regress		3019 3000-1900K			**WOOD TRIM GUIDE**			
			** Based on Deep Regress with 20° Beam & 2765 CCT		3022* 3000-2200K *A14 Only*				* See Finish Guide **See Wood Trim Guide		
			* Chicago Plenum available with AT		* Some apertures not compliant with California Title 24				**FINISH GUIDE LINK**		
			^ Not for use with spray foam insulation								
			§ Must be used with flangeless trims								

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Scope O 2.5" Round Downlight (64mm)
Formerly 4500 (FA, GA, PA), 4501, 4600
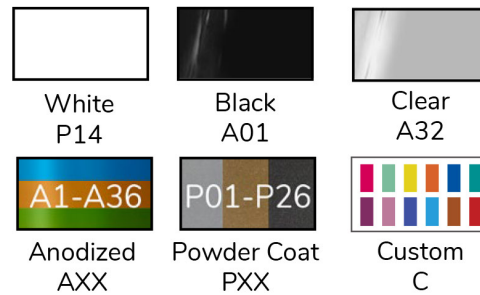Fixed Recessed Accent Light

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Fixture Details

Threaded collar comes integral with Pan. Receiver with integral trim flange threads into collar. Body assembly attaches to receiver with twist and drop, J hook, mounting mechanism.

Round Construction

A
B
C
D
E
F
G

Flangeless with New Pan shown

Black Flange Trim (A01)
with Gold Bezel (A26)
(shown)

I

Standard Assembly Specs

A Machined mounting collar (located above pan) integral with Pan or Housing to accommodate up to 1 1/4" ceiling thickness. Remodel Flanged Trim uses Wing Springs (shown below)

B 22AWG wire to Driver. Enclosed in flexible conduit connected to driver enclosure.

C Thermal management system and body. High grade anodized aluminum, precision machined in the U.S.A.

D Receiver – High Grade Aluminum precision machined in U.S.A. with integral flange

E LED Assembly- Field serviceable as part of thermal management system (not shown)

F Lens optic- Field changeable

G Bezel, Integral with body- available in all finish options

H Driver and enclosure – UL approved for IC

I Finish trim flange- integral with receiver

J Panel trim mounting collar and bracket

K Pinhole or Semi Recessed aperture bezel- integral with body-
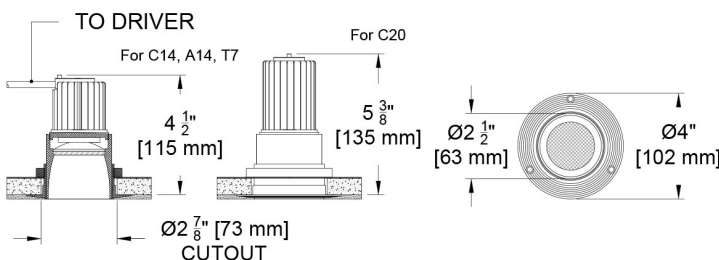
L Drop glass- for decorative accent

Finish Options

Trim and bezel are separate pieces and can be finished with any combination

White P14	Black A01	Clear A32
Anodized AXX (A1-A36)	Powder Coat PXX (P01-P26)	Custom C

Panel Trim Option

Panel Trim Mounting bracket must be attached to ceiling panel prior to ceiling installation

J

DRIVER ENCLOSURE

H

L

K

Retrofit Flanged (wing spring shown)
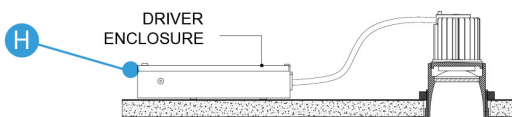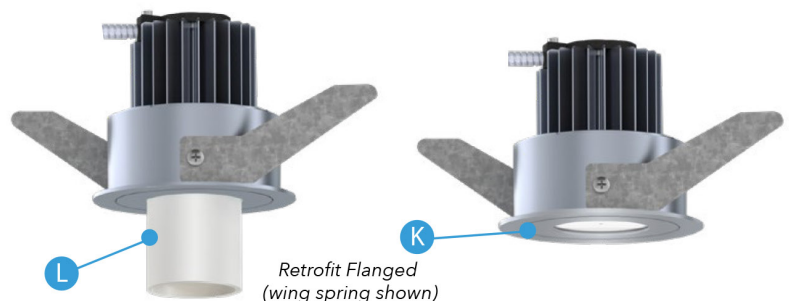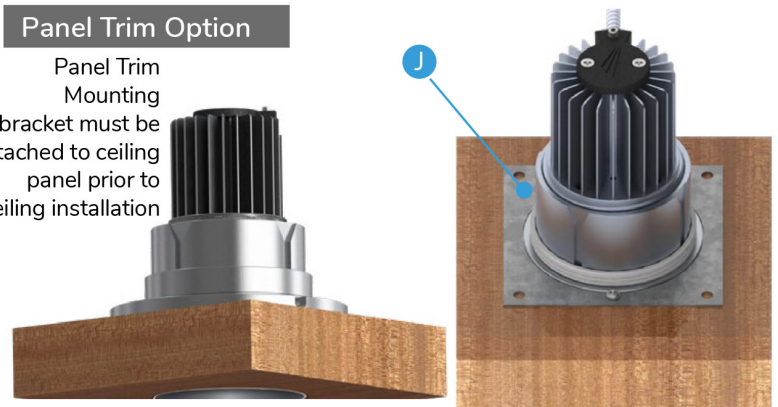
Ceiling Cutouts and Dimensions

Round Flangeless (Deep Regress)
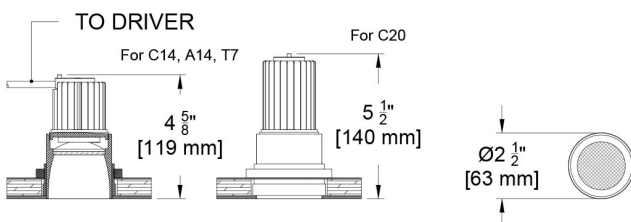### for Bracket Pan / New Pan

Round Flanged (Deep Regress) `DR`

TO DRIVER
For C14, A14, T7
For C20
$4\frac{1}{2}$" [115 mm]
$5\frac{3}{8}$" [135 mm]
Ø$2\frac{1}{2}$" [63 mm]
Ø4" [102 mm]
Ø$2\frac{7}{8}$" [73 mm] CUTOUT

(SCOD-R-DR-Z-BP)

TO DRIVER
For C14, A14, T7
For C20
$4\frac{5}{8}$" [118 mm]
$5\frac{3}{8}$" [138 mm]
Ø$2\frac{1}{2}$" [63 mm]
$3\frac{1}{4}$" [83 mm]
Ø$2\frac{7}{8}$" [73 mm] CUTOUT
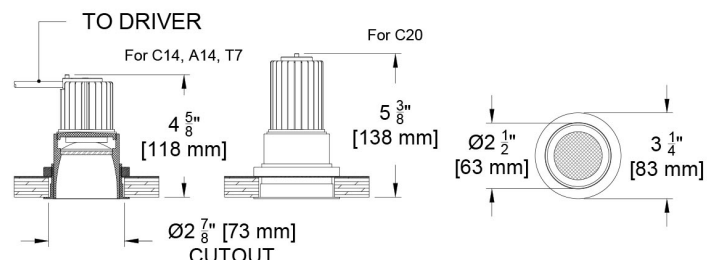
(SCOD-R-DR-F-BP)

Round Panel Trim (Deep Regress) `DR`
for Panel Mount

TO DRIVER
For C14, A14, T7
For C20
$4\frac{5}{8}$" [119 mm]
$5\frac{1}{2}$" [140 mm]
Ø$2\frac{1}{2}$" [63 mm]

(SCOD-R-DR-Z-PM)

Panel Mount Detail   (SCOD-R-DR-Z-PM)

$\frac{7}{8}$" [22 mm] MAX
$\frac{1}{8}$" [3 mm] MAX
Ø$2\frac{1}{2}$" [64 mm]
Ø$2\frac{7}{8}$" [73 mm]
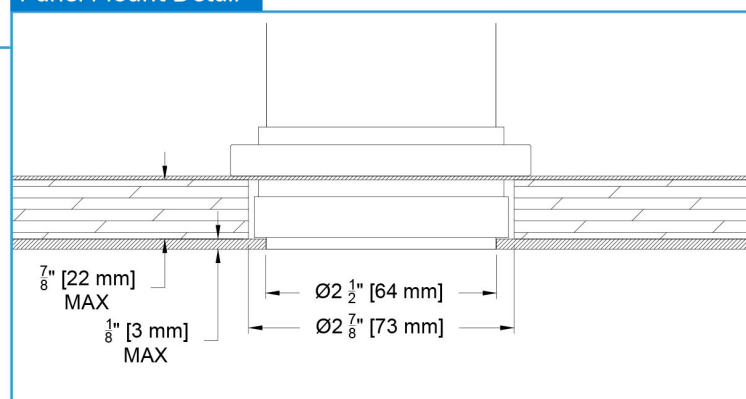
Round Flangeless (Deep Regress)
for Retrofit

Round Flanged (Deep Regress) `DR`

TO DRIVER
For C14, A14, T7
For C20
$4\frac{1}{2}$" [115 mm]
$5\frac{3}{8}$" [135 mm]
Ø$2\frac{1}{2}$" [63 mm]
Ø4" [102 mm]
Ø$3\frac{3}{8}$" [86 mm] CUTOUT

(SCOD-R-DR-Z-RM)

TO DRIVER
For C14, A14, T7
For C20
$4\frac{5}{8}$" [118 mm]
$5\frac{3}{8}$" [138 mm]
Ø$2\frac{1}{2}$" [63 mm]
$3\frac{1}{4}$" [83 mm]
Ø3" [76 mm] CUTOUT

(SCOD-R-DR-F-RM)

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Ceiling Cutouts and Dimensions

Round Flangeless (Shallow Regress)	Round Flanged (Shallow Regress) SR
for Bracket Pan / New Pan	

TO DRIVER
For C14, A14, T7
3 3/8" [85 mm]
For C20
4 1/8" [105 mm]
Ø2 1/2" [63 mm]
Ø4" [102 mm]
Ø2 7/8" [73 mm]
CUTOUT

(SCOD-R-SR-Z-BP)

TO DRIVER
For C14, A14, T7
3 1/2" [87 mm]
For C20
4 1/4" [108 mm]
Ø2 1/2" [63 mm]
3 1/4" [83 mm]
Ø2 7/8" [73 mm]
CUTOUT

(SCOD-R-SR-F-BP)

Round Panel Trim (Shallow Regress) SR	
for Panel Mount	

TO DRIVER
For C14, A14, T7
3 1/2" [89 mm]
For C20
4 1/4" [109 mm]
Ø2 1/2" [63 mm]
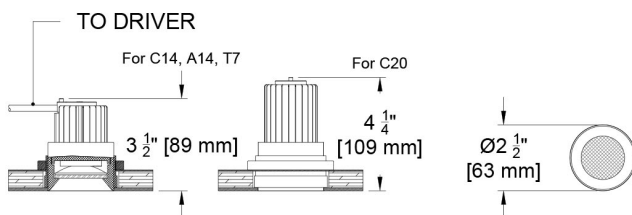
(SCOD-R-SR-Z-PM)

Panel Mount Detail (SCOD-R-SR-Z-PM)

7/8" [22 mm] MAX
1/8" [3 mm] MAX
Ø2 1/2" [64 mm]
Ø2 7/8" [73 mm]

Round Flangeless (Shallow Regress)	Round Flanged (Shallow Regress) SR
for Retrofit	

TO DRIVER
For C14, A14, T7
3 3/8" [85 mm]
For C20
4 1/8" [105 mm]
Ø2 1/2" [63 mm]
Ø4" [102 mm]
Ø3 3/8" [86 mm]
CUTOUT

(SCOD-R-SR-Z-RM)

TO DRIVER
For C14, A14, T7
3 1/2" [87 mm]
For C20
4 1/4" [108 mm]
Ø2 1/2" [63 mm]
3 1/4" [83 mm]
Ø3" [76 mm]
CUTOUT

(SCOD-R-SR-F-RM)

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Ceiling Cutouts and Dimensions

| Round Flangeless (Pin Hole) | Round Flanged (Pin Hole) | PH |

for Bracket Pan / New Pan

(SCOD-R-PH-Z-BP)

(SCOD-R-PH-F-BP)

| Round Panel Trim (Pin Hole) | PH |

for Panel Mount

(SCOD-R-PH-Z-PM)

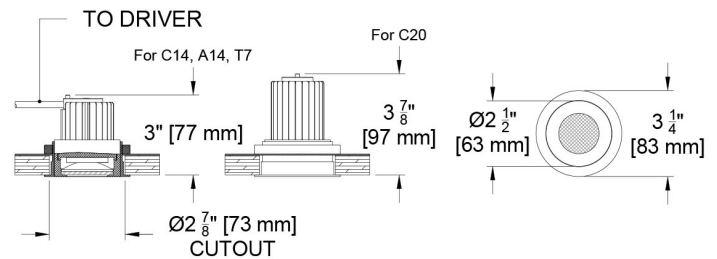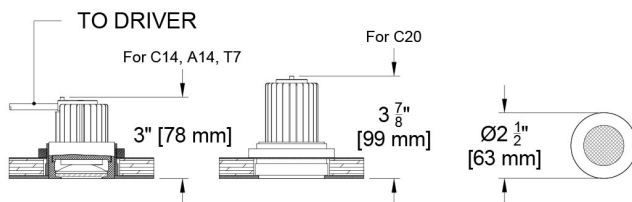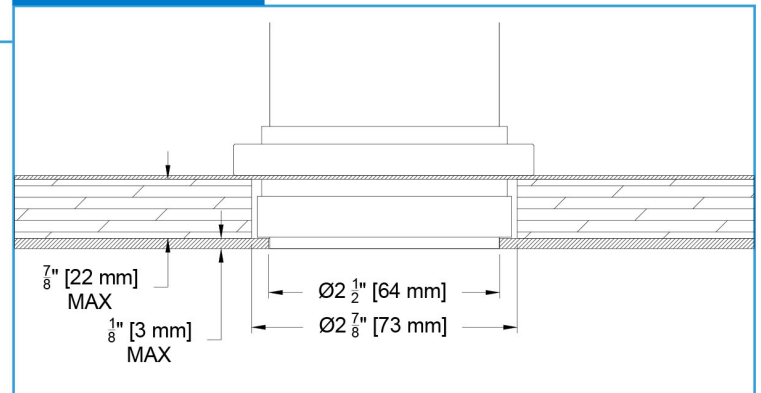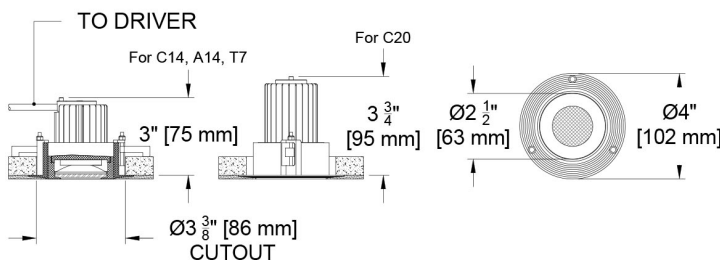**Panel Mount Detail** (SCOD-R-PH-Z-PM)
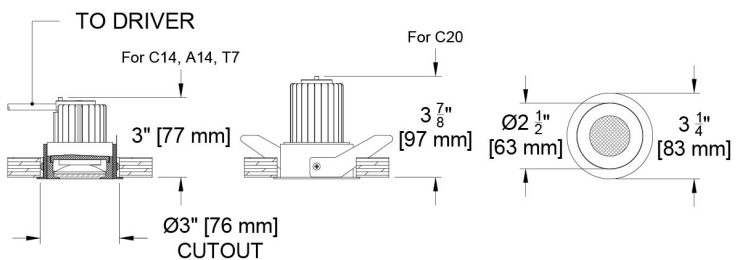

| Round Flangeless (Pin Hole) | Round Flanged (Pin Hole) | PH |

for Retrofit

(SCOD-R-PH-Z-RM)

(SCOD-R-PH-F-RM)

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Ceiling Cutouts and Dimensions

Round Flangeless (Drop Glass) | Round Flanged (Drop Glass) | DG

for Bracket Pan / New Pan

TO DRIVER
For C14, A14, T7
For C20
3 7/8" [98 mm]
Ø2 1/2" [64 mm]
Ø4" [102 mm]
3 1/8" [78 mm]
1 1/2" [37 mm]
Ø2 7/8" [73 mm] CUTOUT

(SCOD-R-DG-Z-BP)

TO DRIVER
For C14, A14, T7
For C20
3 1/8" [80 mm]
4" [100 mm]
Ø2 1/2" [64 mm]
3 1/4" [83 mm]
1 1/2" [37 mm]
Ø2 7/8" [73 mm] CUTOUT
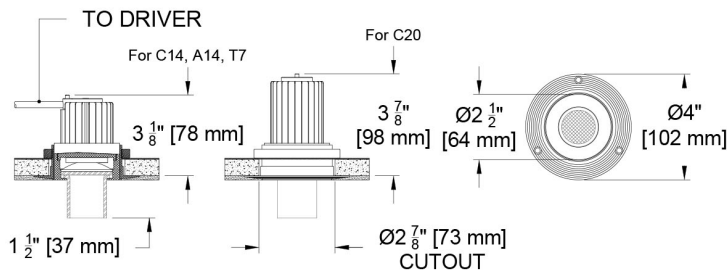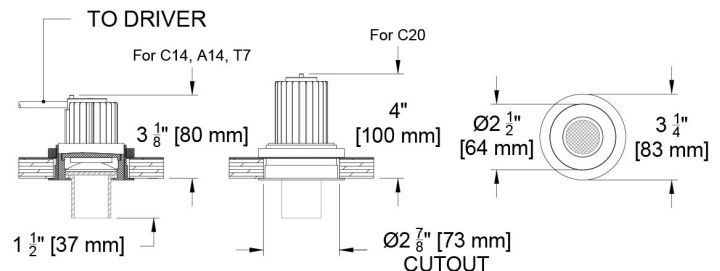
(SCOD-R-DG-F-BP)

Round Panel Trim (Drop Glass) | DG

for Panel Mount

TO DRIVER
For C14, A14, T7
For C20
3 1/4" [82 mm]
4" [102 mm]
Ø2 1/2" [64 mm]
1 1/2" [37 mm]
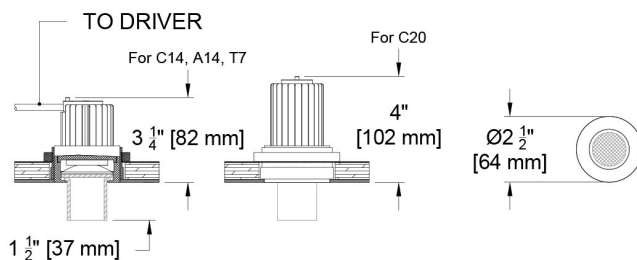
(SCOD-R-DG -Z-PM)

Panel Mount Detail (SCOD-R-DG-Z-PM)

7/8" [22 mm] MAX
1/8" [3 mm] MAX
Ø2 1/2" [64 mm]
Ø2 7/8" [73 mm]

Round Flangeless (Drop Glass) | Round Flanged (Drop Glass) | PH

for Retrofit

TO DRIVER
For C14, A14, T7
For C20
3 7/8" [98 mm]
Ø2 1/2" [64 mm]
Ø4" [102 mm]
3 1/8" [78 mm]
1 1/2" [37 mm]
Ø3 3/8" [86 mm] CUTOUT

(SCOD-R-DG-Z-RM)

TO DRIVER
For C14, A14, T7
For C20
3 1/8" [80 mm]
4" [100 mm]
Ø2 1/2" [64 mm]
3 1/4" [83 mm]
1 1/2" [37 mm]
Ø3" [76 mm] CUTOUT

(SCOD-R-DG-F-RM)

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Ceiling Cutouts and Dimensions

Round Flangeless (Semi Recessed)	Round Flanged (Semi Recessed)	SM

for Bracket Pan / New Pan

TO DRIVER
For C14, A14, T7
For C20
$4\frac{1}{8}$" [105 mm]
5" [125 mm]
$\emptyset 2\frac{1}{2}$" [64 mm]
$\emptyset 4$" [102 mm]
$\frac{3}{8}$" [10 mm]
$\emptyset 3\frac{3}{8}$" [86 mm] CUTOUT

(SCOD-R-SM-Z-BP)

TO DRIVER
For C14, A14, T7
For C20
$4\frac{1}{4}$" [108 mm]
5" [128 mm]
$\emptyset 2\frac{1}{2}$" [64 mm]
$3\frac{1}{4}$" [83 mm]
$\frac{3}{8}$" [10 mm]

(SCOD-R-SM-F-BP)

Round Panel Trim (Semi Recessed)	SM

for Panel Mount

TO DRIVER
For C14, A14, T7
For C20
$4\frac{1}{4}$" [109 mm]
$5\frac{1}{8}$" [130 mm]
$\emptyset 2\frac{1}{2}$" [64 mm]
$\frac{3}{8}$" [10 mm]
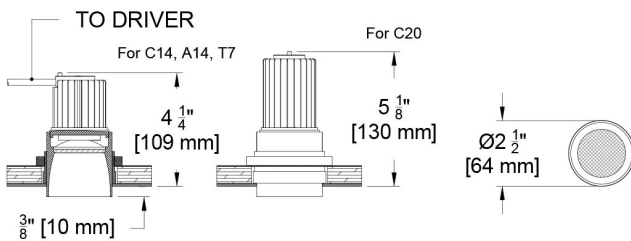
(SCOD-R-SM-Z-PM)

Panel Mount Detail (SCOD-R-SM-Z-PM)
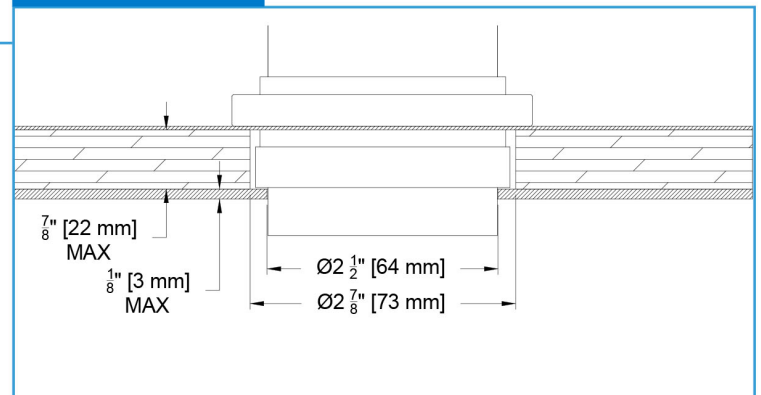
$\frac{7}{8}$" [22 mm] MAX
$\frac{1}{8}$" [3 mm] MAX
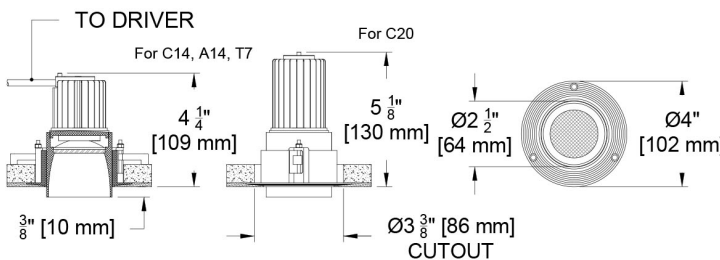$\emptyset 2\frac{1}{2}$" [64 mm]
$\emptyset 2\frac{7}{8}$" [73 mm]

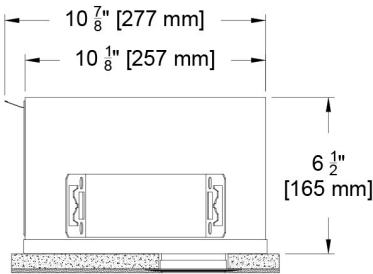| Round Flangeless (Semi Recessed)	Round Flanged (Semi Recessed)	SM

for Retrofit

TO DRIVER
For C14, A14, T7
For C20
$4\frac{1}{4}$" [109 mm]
$5\frac{1}{8}$" [130 mm]
$\emptyset 2\frac{1}{2}$" [64 mm]
$\emptyset 4$" [102 mm]
$\frac{3}{8}$" [10 mm]
$\emptyset 3\frac{3}{8}$" [86 mm] CUTOUT

(SCOD-R-SM-Z-RM)

TO DRIVER
For C14, A14, T7
For C20
$4\frac{1}{4}$" [108 mm]
5" [128 mm]
$\emptyset 2\frac{1}{2}$" [64 mm]
$3\frac{1}{4}$" [83 mm]
$\frac{3}{8}$" [10 mm]

(SCOD-R-SM-F-RM)

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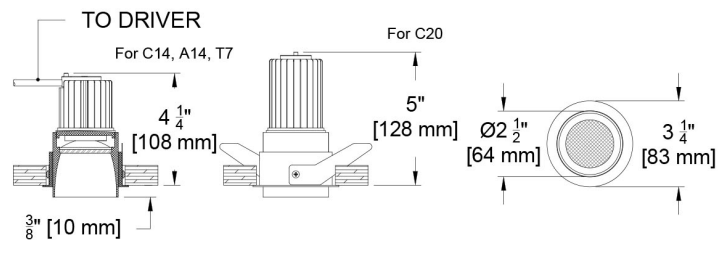
Ceiling Cutouts and Dimensions

Round Airtight (AT)

10 $\frac{7}{8}$" [277 mm]

10 $\frac{1}{8}$" [257 mm]

6 $\frac{1}{2}$" [165 mm]

10 $\frac{1}{2}$" [265 mm]

7 $\frac{1}{8}$" [181 mm]

7" [179 mm]

3 $\frac{1}{8}$ " [78 mm]
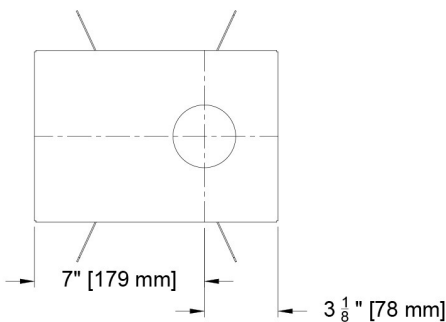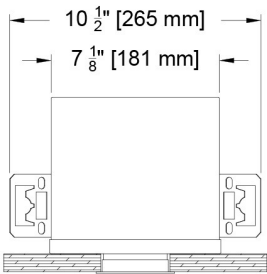
(SCOD-R-_-_-AT)

Driver Enclosure   for C1, C2, TR2

INTEGRAL WITH FIXTURE

6 $\frac{3}{4}$" [170 mm]

1 $\frac{5}{8}$" [40 mm]

2" [49 mm]
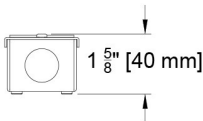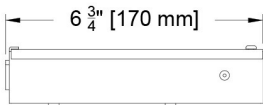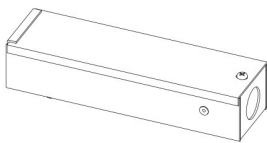
Driver Enclosure   for E1, E2, E3, E4, LD

REMOTE MOUNTING REQUIRED

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

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

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

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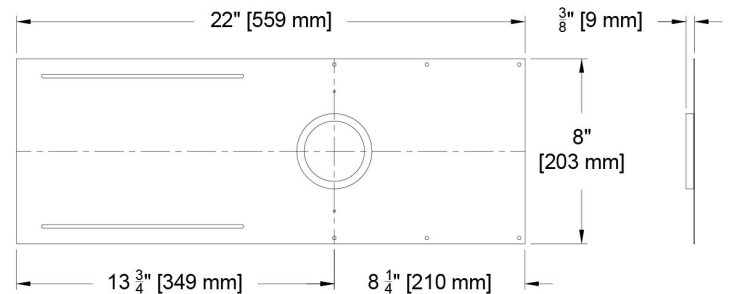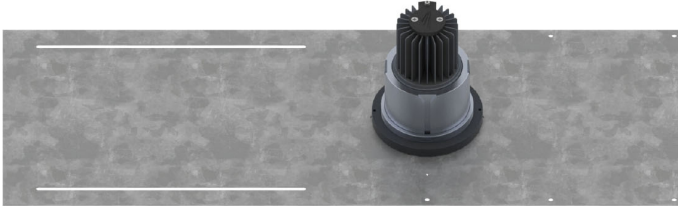Tel. 732.517.0800 | Fax 732.517.0971
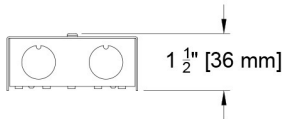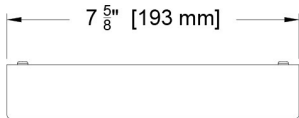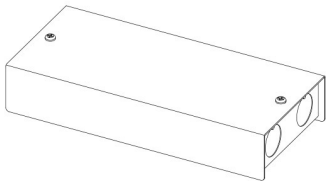
Mounting Options

New Pan (SCOD-R-_-NP)

For new construction and attachment to bottom of studs

22" [559 mm] $\frac{3}{8}$" [9 mm]

8" [203 mm]

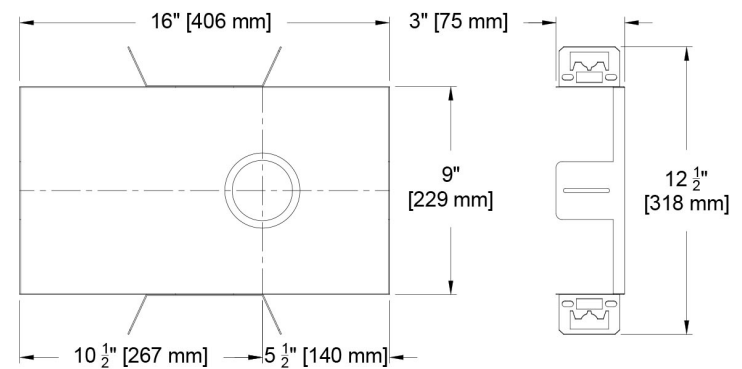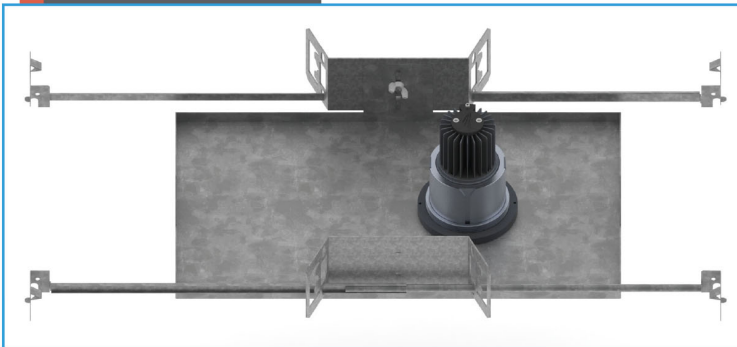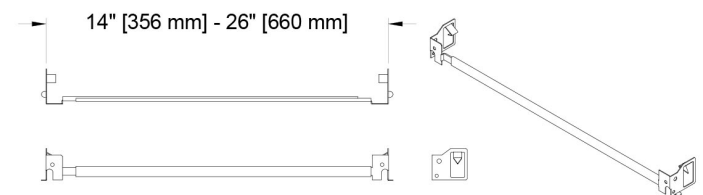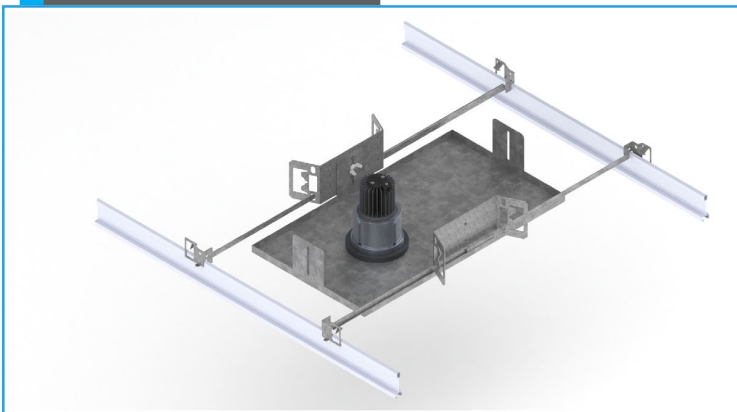13 $\frac{3}{4}$" [349 mm]   8 $\frac{1}{4}$" [210 mm]

Bracket Pan (SCOD-R-_-BP)

For new construction using hanger bars for attaching to studs or drop ceiling

Option 1- Attaching to Studs

16" [406 mm]   3" [75 mm]

9" [229 mm]

12 $\frac{1}{2}$" [318 mm]

10 $\frac{1}{2}$" [267 mm]   5 $\frac{1}{2}$" [140 mm]
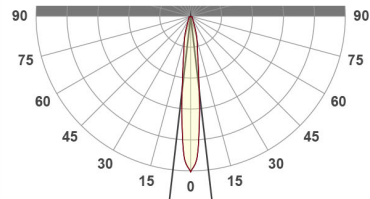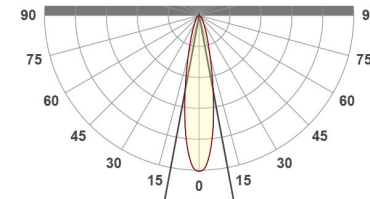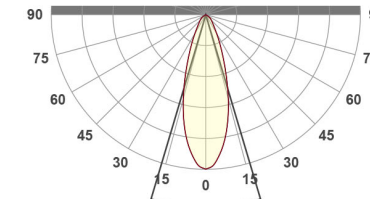
Option 2- Attaching to Drop Ceiling

14" [356 mm] - 26" [660 mm]

For Panel Mounting- See picture on page 3 and installation instructions for more detail.

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Scope O 2.5" Round Downlight (64mm)
Formerly 4500 (FA, GA, PA), 4501, 4600
Fixed Recessed Accent Light

specialty lighting industries

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 - Shallow Regress - Tunable White (TW) 1840; Flat (pin hole) - C20, A14, TW1840; and all of Drop Glass
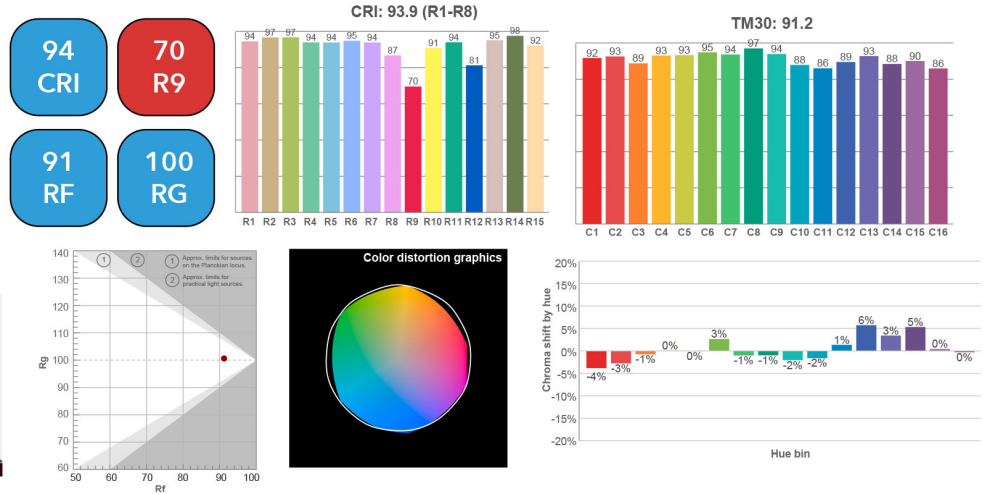
ROUND Beamspreads	Source	System watts (W)	10° Delivered Lumens (lm)	10° Lumens/ Watt	10° UGR	10° Peak CD	10° 10% Field	20° Delivered Lumens (lm)	20° Lumens/ Watt	20° UGR	20° Peak CD	20° 10% Field	30° Delivered Lumens (lm)	30° Lumens/ Watt	30° UGR	30° Peak CD	30° 10% Field
Deep Regress	Citizen C14	14	1014	72	30	6304	40°	1009	72	31	3599	61°	963	69	33	2136	73°
	Citizen C20	21	1372	65	30	7323	50°	1385	66	32	4911	61°	1323	63	34	2947	73°
	Ambient Dim A14	15	693	47	30	4486	37°	707	48	30	2825	56°	693	47	31	1628	71°
	Tunable White 1840	10	452	45	26	2634	32°	470	47	26	2178	41°	452	45	28	1080	71°
	Tunable White 2765	10	596	60	27	3401	33°	631	63	27	2970	40°	620	62	29	1468	71°
Shallow Regress	Citizen C14	14	1004	72	36	4113	46°	1002	72	35	3064	55°	971	69	36	1876	71°
	Citizen C20	21	1379	66	37	7030	42°	1377	66	36	4211	55°	1341	64	37	2562	71°
	Ambient Dim A14	15	657	45	34	4129	38°	683	47	34	2568	49°	682	47	34	1393	69°
	Tunable White 1840	10	418	42	30	2669	38°	411	41	29	1618	47°	411	41	29	874	66°
	Tunable White 2765	10	483	47	31	3126	38°	512	50	30	2000	48°	499	49	30	1058	66°
Pin Hole	Citizen C14	14	773	55	33	4173	42°	800	57	33	3020	51°	766	55	34	1649	71°
	Citizen C20	21	1055	50	33	5683	42°	1122	53	34	4186	51°	1051	50	35	2262	71o
	Ambient Dim A14	15	543	37	31	3622	37°	571	39	31	2407	47°	548	38	32	1248	68°
	Tunable White 1840	10	347	35	27	2072	33°	362	36	27	1630	42°	373	37	29	774	73°
	Tunable White 2765	10	441	45	28	2684	33°	475	48	28	2201	41°	473	48	30	959	74°
Drop Glass	Citizen C14	14	605	43	40	1472	53°										
	Citizen C20	21	816	39	40	1985	53°										
	Ambient Dim A14	15	425	29	38	1393	44°										
	Tunable White 1840	10	269	27	36	661	49°										
	Tunable White 2765	10	352	35	36	866	49°										

CCT Multiplier

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). Deep Regress and Semi-Recessed has the same photometry. ISO cd Plots based on Shallow Regress with Ambient Dim source. Beams very based on aperture. Refer to photometry tab on product page for exact ISO cd plot and IES file. UGR values based on 4H 3H table cell. The following combinations do not meet CA Title 24 JA8 requirements: Shallow Regress - Tunable 1840; Flat - C20, A14, Tunable 1840; all sources in Drop Glass.

Beam angle

13.2°

Beam angle

21.2°

Beam angle

33.1°

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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.
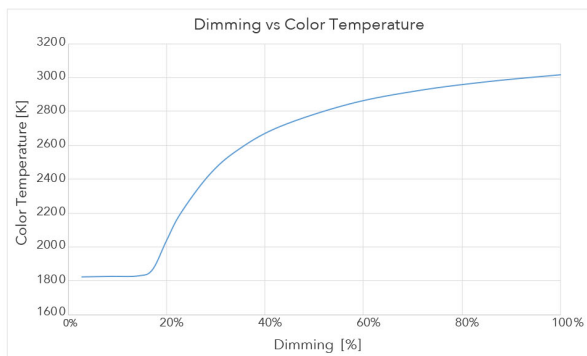
Citizen Source C14, C20

- <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

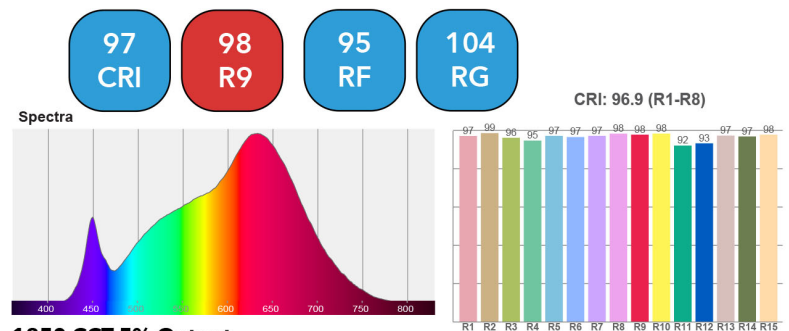Color distortion graphics

Chroma shift by hue

Ambient Dim Source A14 (AD - 3000k to 1900k)
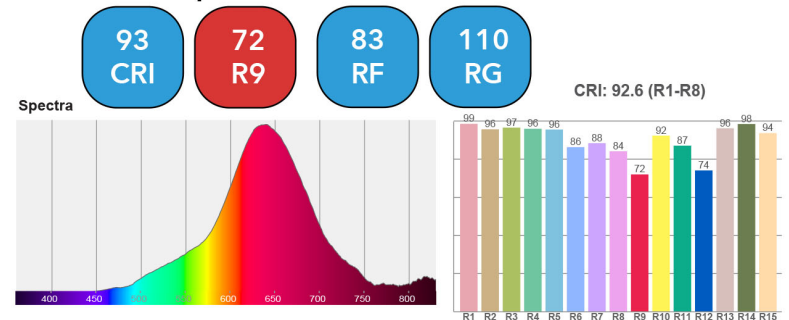
- <3 MacAdam Ellipse (<3 SDCM)
- 95+ CRI and RF
- 90+R9, Hue Bin 1
- Follows Black Body Locus through dimming range

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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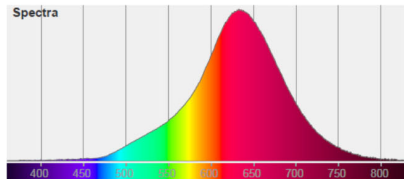Tel. 732.517.0800 | Fax 732.517.0971

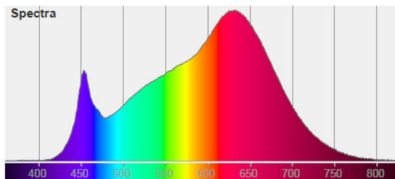# Tunable White source T7 - CCT 1840 (1800k to 4000k)

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

	TUNABLE WHITE - 1800-4000K						
Color Temp	1800	2200	2500	2700	3000	3500	4000
System Watts	10	10	10	10	10	10	10
Delivered Lumens	363	414	448	470	516	546	546
Luminaire Efficiency	38	44	47	49	54	58	58

Flux and Color data based on Deep Regress 20° measurement at 2700k. All other values are extroplated from actual and analytical tests
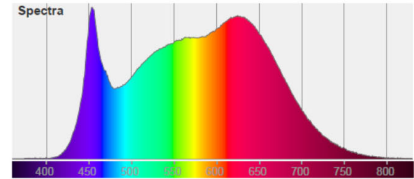
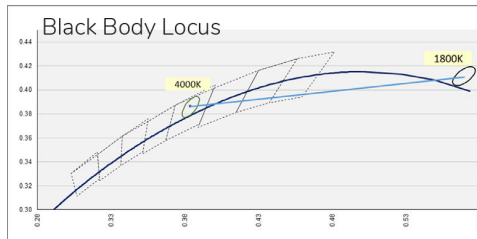Spectral Power Distributions at all listed CCTs available upon request

1800K

3000K

4000K

94 CRI 76 R9
89 RF 97 RG
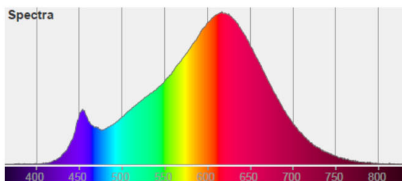

Black Body Locus

1800K — 4000K

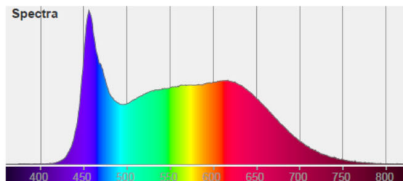# Tunable White source T7 - CCT 2765 (2700k to 6500k)

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

	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	602	620	640	631	640	639	638	636	644
Luminaire Efficiency	63	65	67	66	67	67	67	67	68

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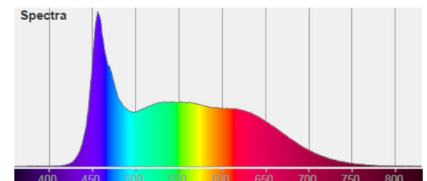
Spectral Power Distributions at all listed CCTs available upon request

2700K

5000K

6500K

96 CRI 96 R9
91 RF 99 RG

Black Body Locus

2700K — 6500K

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