

# Tenor5 4" (114mm)

Formerly 1005 4"

Recessed Rectangular Pocket Multiple Adjustable Accent Lights

## The Jazz Family

Within the Jazz Family, the Tenor5 is the same genre of fixtures you knew as the 1005. The architectural nature of this pocket accent lighting system, available in a flangeless option, presents a clean, unobtrusive integration of multiple sources in an honest, organized fashion that works in a variety of ceilings. The pockets are available in one, two or three headed rectangular apertures or greater multiples in the continuous linear version.

PROJECT:

TYPE:

SPECIFIER:

DATE:

### Key Points (JZT5-4)

#### Housing

- Extruded aluminum housing available in standard and custom colors for housing and trim flange
- Flange or flangeless
- **TITLE 24** IC Rated/airtight housing approved for use in direct contact with insulation and supports CA Title 24 compliance to JA8 requirements
- **UL** Listed-Damp

#### Heads

- Fully adjustable heads in single, double and triple configurations available with single or multi-circuit control
- Yoke and source/optic holder ring available in anodized finish or a painted in our array of standard and custom colors. The heat sink is furnished with a black anodized finish, except when ordering a white painted yoke, when the heat sink is furnished with a clear anodize.
- Pull down yoke available as an accessory when additional pan and tilt are required.

#### Sources / Optics

- Up to 1525 delivered lumens
- 4 beam spreads available - 10°, 20°, 36° and 60°
- 2700K, 3000K, 3500K, 4000K, Ambient Dim (AD), or Tunable White (TW)
- <2 MacAdam Steps (<2 SDCM)
- 90+ CRI, 60+ R9 Standard, 95+ CRI, 90+R9 available with Ambient Dim option
- **TITLE 24** Source supports California Title 24 to JA8 Requirements in most combinations
- L87B3>55,000 hours at 40°C Ambient (for fixed White)

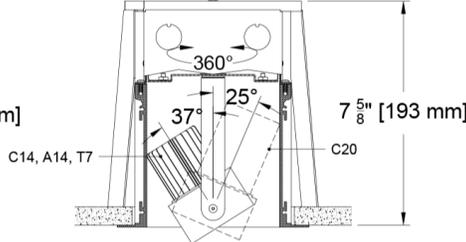
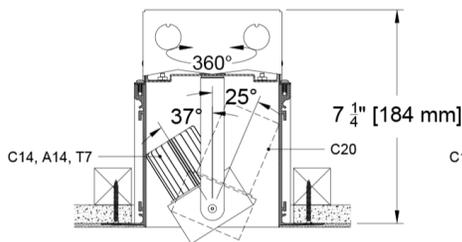
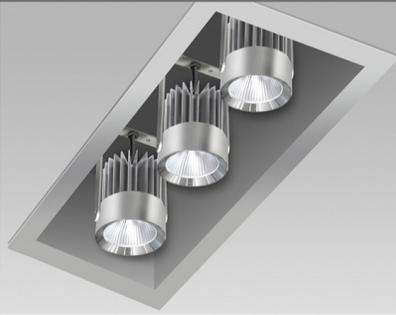
#### Drivers

- Flicker Free to IEEE 1789-2015 available with EldoLED and TruPhase™ selections
- 1% dimming standard  
TruPhase™ Dimming to 0.1% available
- Universal 120-277v
- Integral drivers for TruPhase™, 0-10 or Lutron Ecosystem.

4.5"- 3 Head (Flangeless)



4.5"- 3 Head (Flanged)



Note: Due to deeper heat sink, the C20 source is limited to 25° tilt in some orientations

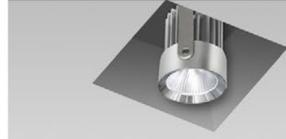


Standard Yoke



Pull Down Yoke (Select PY in Accessories)

### Aperture Options



1 Head Flangeless (4.5"x4.5")



1 Head Flanged (4.5"x4.5")



2 Head Flangeless (4.5"x9")



2 Head Flanged (4.5"x9")

Beamspreads		15°					20°					36°					60°				
		Source	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	Deliv. Lumens (lm)	Lumens/Watt	Peak cd	10% Field		
SINGLE HEAD	Citizen C14	14	1073	77	5515	39°	1104	79	3832	49°	1082	78	1761	76°	Consult factory for photometry						
	Citizen C20	21	1467	71	7627	39°	1525	74	5311	49°	1502	73	2418	76°							
	Ambient Dim A14	15	750	50	4868	34°	752	50	2910	45°	758	50	1272	74°							
	Tunable White 1840	10	443	43	2469	33°	456	45	2008	41°	470	46	802	77°							
	Tunable White 2765	10	573	58	3221	33°	588	59	2547	41°	581	59	965	78°							

All measurements are delivered lumens based on 3000K unless otherwise noted below. See full Photometric Table below. Ambient dim measured at full output. Tunable White measurements at mid-point of CCT range (2700k for 1840 and 4500k for 2765 source). Data is based upon a single head aimed at 0°. Multiple heads will deliver more light and will need to be accounted for individually in calculations.

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## Ordering Codes

PROJECT:

SPECIFIER:

DATE:

TYPE:

QUANTITY:

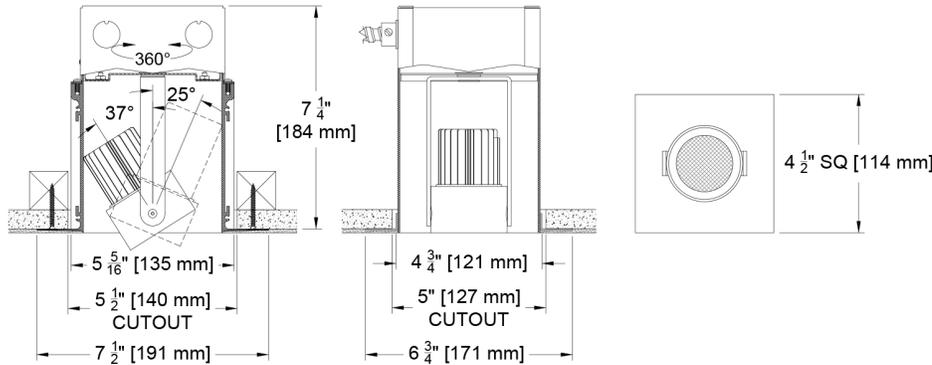
Ordering Code Example: JZT5-4-2-AF-C20-30-36-E1-2C-P16-A01-91L-97L

FIXTURE	HEADS	MOUNTING	SOURCE / WATTS	CCT	BEAM	DRIVER / CONTROL	CIRCUITS	HOUSING FINISH	HEAD FINISH	ACCESSORIES
JZT5-4										
Tenor5-4	1 1 head  2 2 head  3 3 head	Flanged Housings  AF ●● Flanged Airtight/IC  Flangeless Housings  AP ●● Plaster Airtight/IC  Universal  AU ●● Universal IC/Airtight*  ●● Supports California Title 24 compliance to JA8 requirements	Citizen  C14 ●● 15W 1104Lm* 90+CRI, 60+R9  C20 ●● 21W 1525Lm* 90+CRI, 60+R9  Ambient Dim™  A14 ●● 15W 752Lm* 95+CRI, 90+R9 3000 to 1900K  Ink™  T7 ●● 10W 588Lm** 90+CRI, 70+R9 Tunable White+  ●● Supports CA Title 24 compliance to JA8 Requirements  *Based on 20°  ** Based on 20° Beam & 2765 CCT  +LTT or EldoLED driver selection required and will be supplied with 2 Channel version	27 2700K  30 3000K  35 3500K  40 4000K  Ambient Dim™  AD 1900-3000K  Ink™  1840 1800-4000K Tunable White*  2765 2700-6500K Tunable White * 15° beamspread not compliant with California Title 24	15 Spot  20 Spot  36 Flood  60 Wide Flood  Tunable white options not available for 15°	C1 0-10 1.0%, UNV (120-277V) linear  C2 ELV/Triac 1.0%, (120V) 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  LD Digital Ecosystem* 1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1  TR2 TruPhase™ 0.1%, (120-120V) log Up to 20W Forward and Reverse compatible Phase Dimming Static White & Ambient Dim only  Ink™  CA Wireless BLE 0.1%, UNV (120-277V) log Casambi * remote driver only	1C 1 Circuit  #C (# of circuits must be equal to or less than the # of heads)	B Black Paint  W White Paint  PXX Specialty Paint Color*  P01-P15  C Custom/RAL*  *See Finish Guide	A01 Black Anodize  A32 Clear Anodize  AXX Specialty Anodize Color*  A1-A36  AMXX Specialty Matte Anodize Color*  AM1-AM36  W White Paint^  PXX Specialty Paint Color*  P01-P15  C Custom/RAL#*  * See Finish Guide  ^ Furnished with clear anodized heat sink	Reflector (lamp) Media  91L Solite*  XXL Other Reflector (lamp) Media*  97L Black Hexcel Louver*  Other  PY Pull Down Yoke  Controls  ATH Lutron Athena Wireless Node <i>Must be used with E2 driver</i>  * See Lens Accessory Guide  ^ For Pull-down Yoke accessory refer to Configurations Page for details, dimensions and head movements.

# Ceiling Cutouts and Dimensions

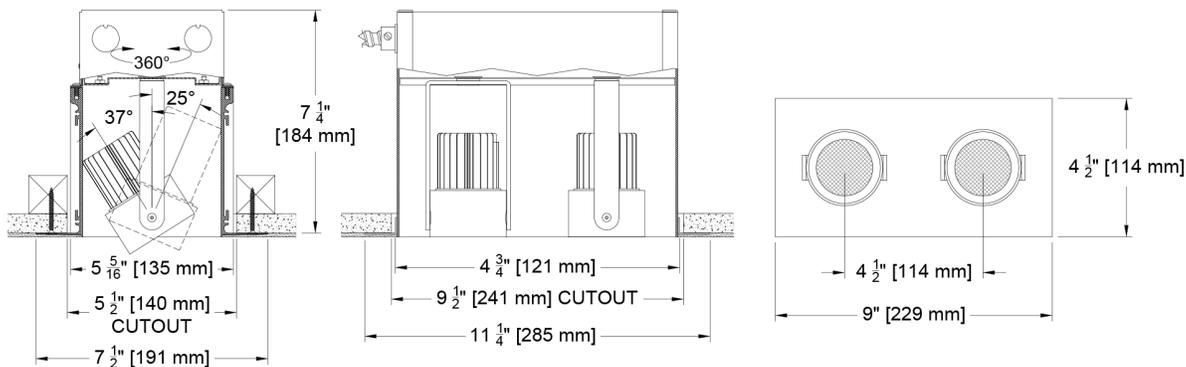
## 4.5"- 1 Head Flangeless Housing Plaster Airtight / IC (AP)

(JZT5-4-1-AP-)



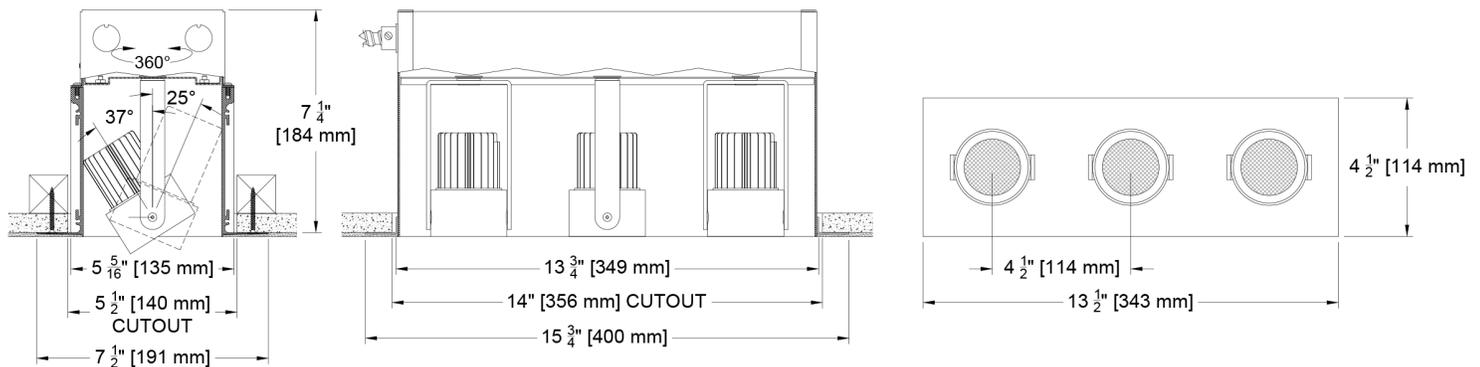
## 4.5"- 2 Head Flangeless Housing Plaster Airtight / IC (AP)

(JZT5-4-2-AP-)



## 4.5"- 3 Head Flangeless Housing Plaster Airtight / IC (AP)

(JZT5-4-3-AP-)



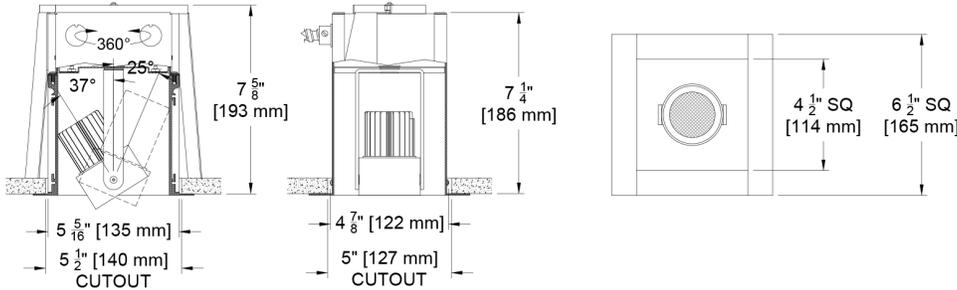
# Ceiling Cutouts and Dimensions

## 4.5"- 1 Head Flange Housing

Flanged Airtight / IC (AF)

(JZT5-4-1-AF)

Note: For ceilings greater than 1" consult factory for an alternate mounting bracket.

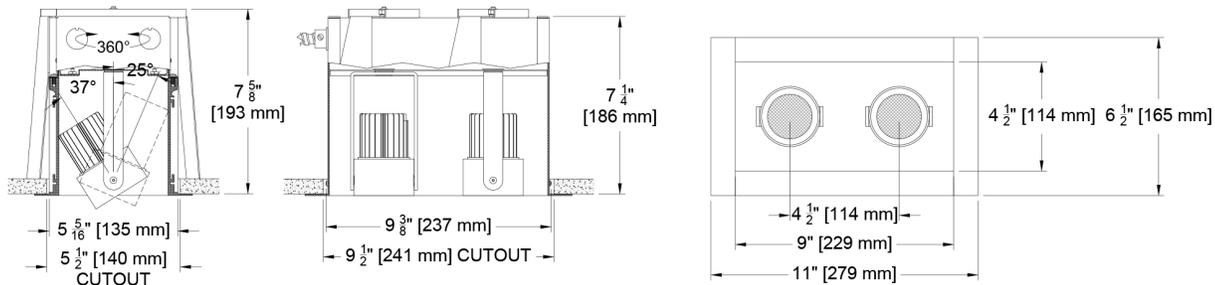


## 4.5"- 2 Head Flange Housing

Flanged Airtight / IC (AF)

(JZT5-4-2-AF)

Note: For ceilings greater than 1" consult factory for an alternate mounting bracket.

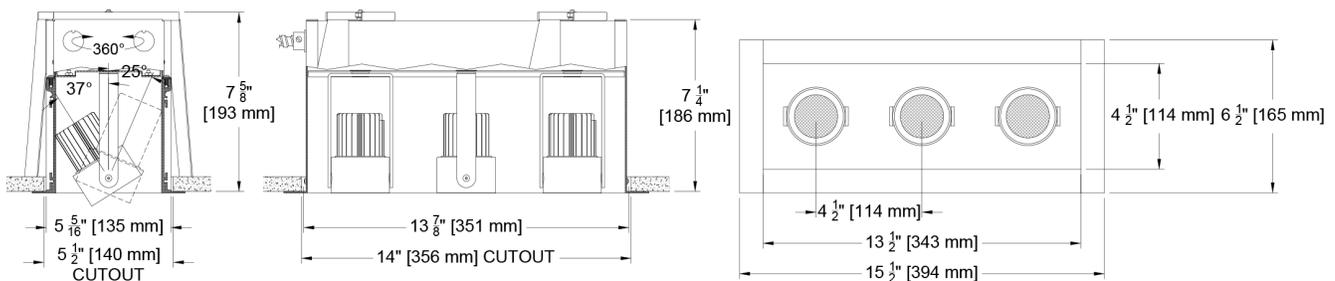


## 4.5"- 3 Head Flange Housing

Flanged Airtight / IC (AF)

(JZT5-4-3-AF-)

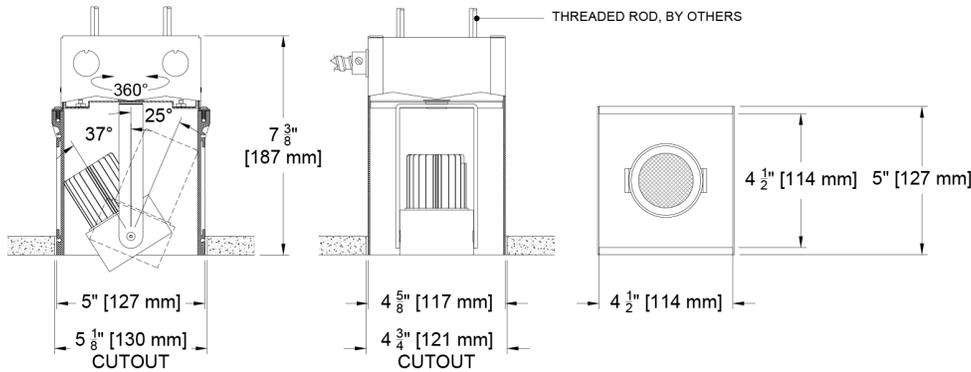
Note: For ceilings greater than 1" consult factory for an alternate mounting bracket.



# Ceiling Cutouts and Dimensions

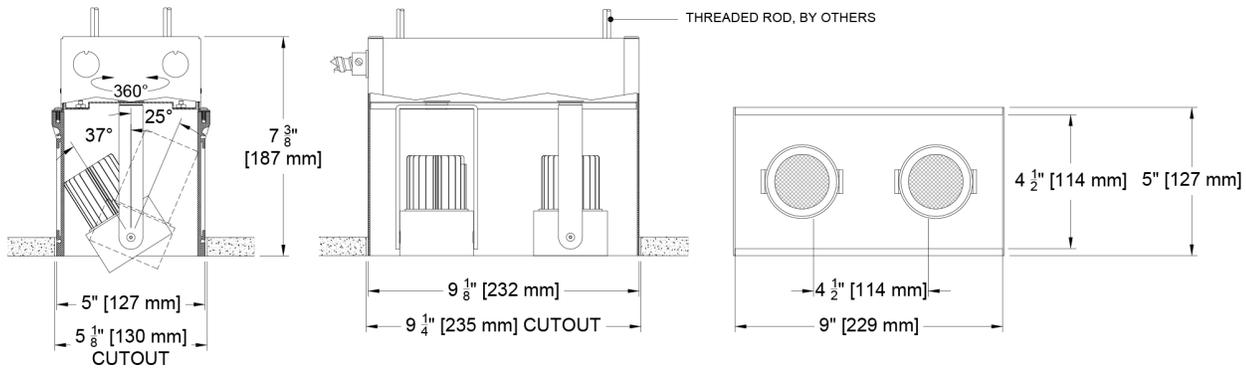
## 4.5"- 1 Head Flangeless Housing Universal Airtight / U / AU

(JZT5-4-1-AF)



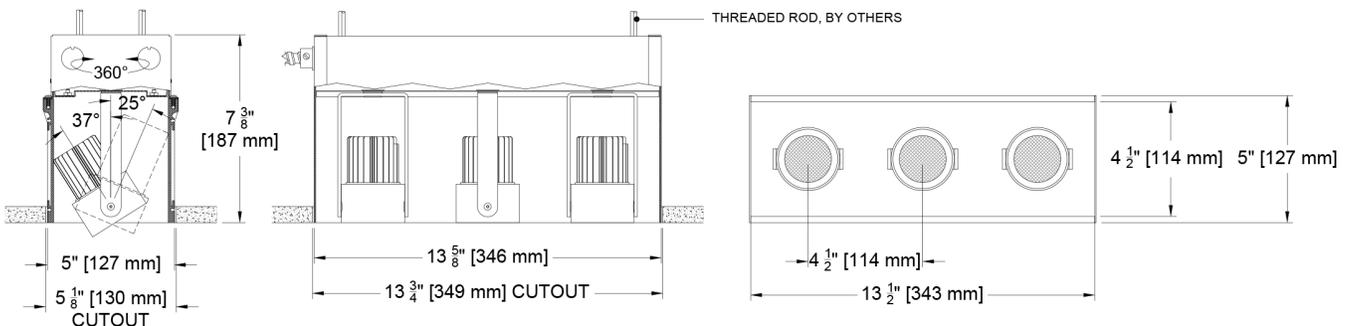
## 4.5"- 2 Head Flangeless Housing Universal Airtight / U / AU

(JZT5-4-2-AF)



## 4.5"- 3 Head Flangeless Housing Universal Airtight / U / AU

(JZT5-4-3-AF-)



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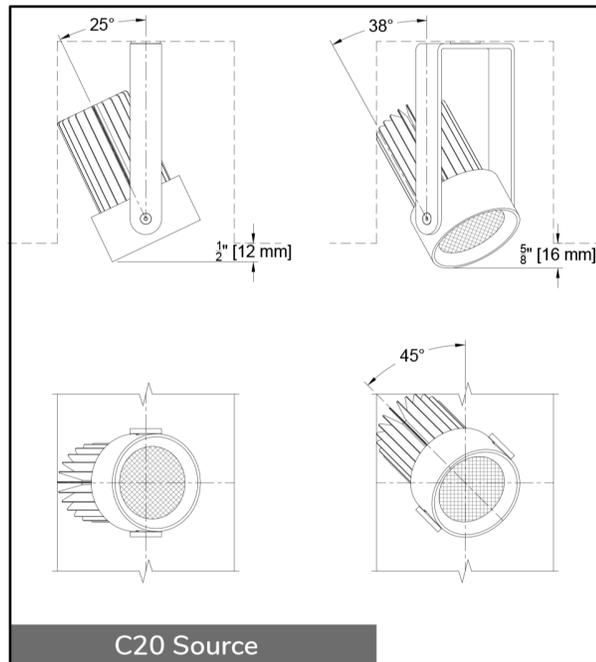
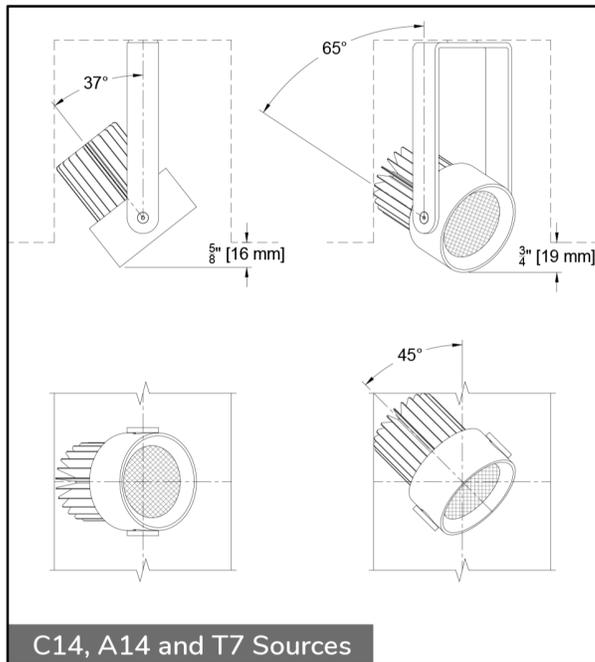
Recessed Rectangular Pocket Multiple Adjustable Accent Lights

## Configurations

Standard Yoke/Pull Down Yoke

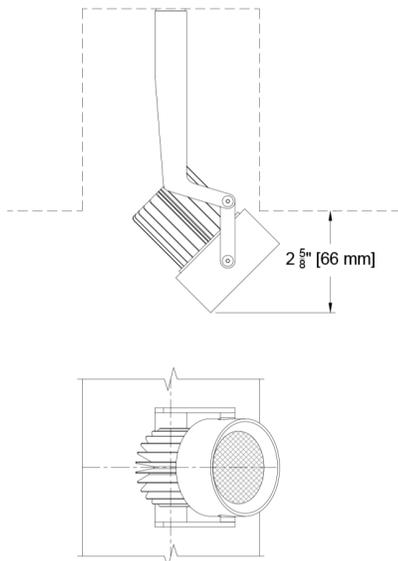
Standard Yoke

C14, A14, C20 AND T7 SOURCES



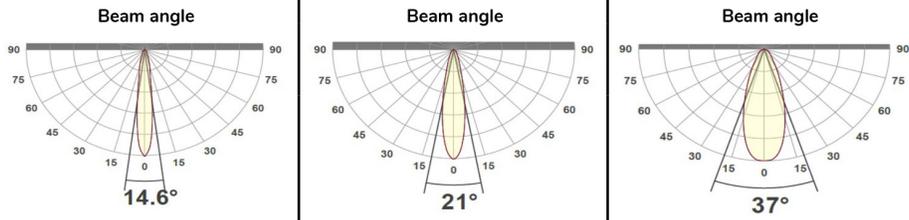
Pull Down Yoke - Full Adjustability

C14, A14 AND T7 SOURCES (See Accessories and select PY)



# Photometric Table

All data is based from goniometer measurements of production representative product. All lumen values can vary +/- 10% from LED manufacturer rated flux range. All measurements are delivered lumens based on 3000K unless otherwise noted below. Data is based upon a single head aimed at 0°. Multiple heads will deliver more light. Ambient dim measured at full output. Tunable White measurements at mid-point of CCT range (2700k for 1840 and 4500k for 2765 source). ISO cd Plots based upon C20 Source.

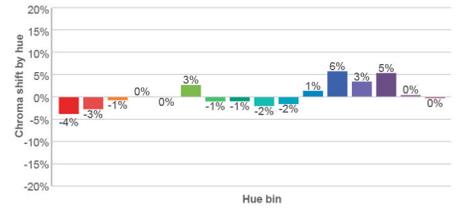
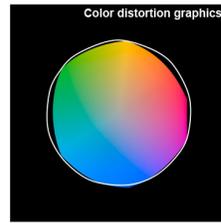
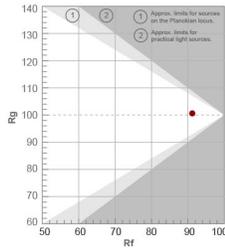
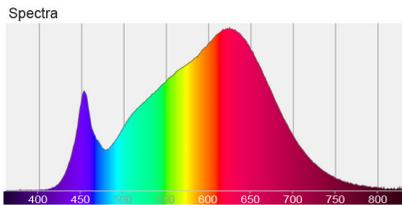
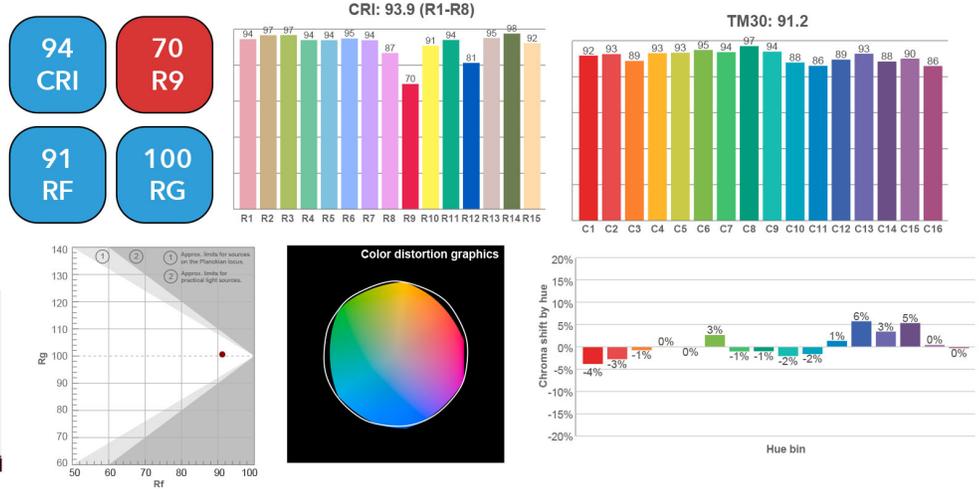
Beamspreads		15°					20°				36°				60°			
Source	System watts (W)	Delivered Lumens (lm)	Lumens/Watt	Peak cd	10% Field	Delivered Lumens (lm)	Lumens/Watt	Peak cd	10% Field	Delivered Lumens (lm)	Lumens/Watt	Peak cd	10% Field	Deliv. Lumens (lm)	Lumens/Watt	Peak cd	10% Field	
SINGLE HEAD	Citizen C14	14	1073	77	5515	39°	1104	79	3832	49°	1082	78	1761	76°	Consult factory for photometry			
	Citizen C20	21	1467	71	7627	39°	1525	74	5311	49°	1502	73	2418	76°				
	Ambient Dim A14	15	750	50	4868	34°	752	50	2910	45°	758	50	1272	74°				
	Tunable White 1840	10	443	43	2469	33°	456	45	2008	41°	470	46	802	77°				
	Tunable White 2765	10	573	58	3221	33°	588	59	2547	41°	581	59	965	78°				
CCT Multiplier																		
CCT	Citizen																	
2700	0.95																	
3000	1.00																	
3500	1.02																	
4000	1.03																	
<p>All measurements are delivered lumens based on 3000K unless otherwise noted below. Ambient dim measured at full output. Tunable White measurements at mid-point of CCT range (2700k for 1840 and 4500k for 2765 source). ISO cd Plots based upon C20 Source. Refer to photometry tab on product page for exact ICO cd plot and IES files. Data is based upon a single head aimed at 0°. Multiple heads will deliver more light and will need to be accounted for individually in calculations. The following combinations do not meet CA Title 24 JAB requirements: Tunable White (1840)-15°.</p>		Consult factory for photometry																

# 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

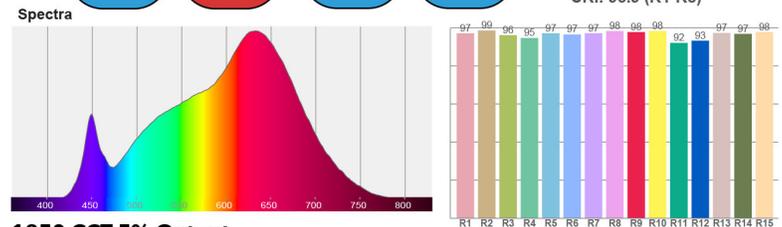
- <2 MacAdam Ellipse (<2 SDCM)
- 90+ CRI and RF
- 60+R9, Hue Bin 1



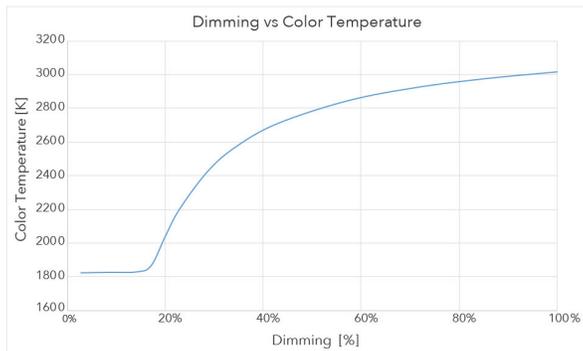
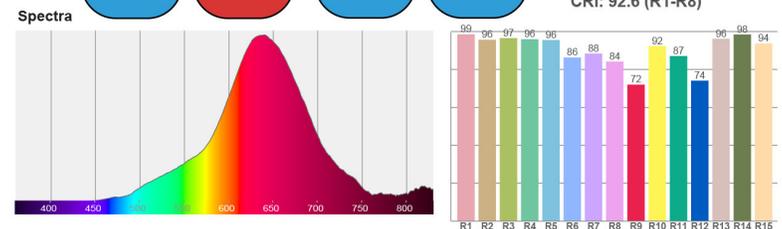
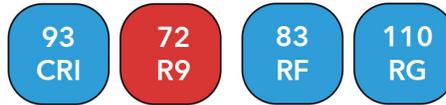
## Ambient Dim Source A14 (AD - 3000k to 1900k)

- <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



### 1850 CCT 5% Output

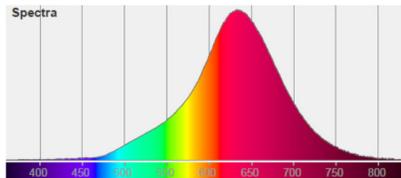


## Tunable White Source T7 - CCT 1840 (1800k to 4000k)

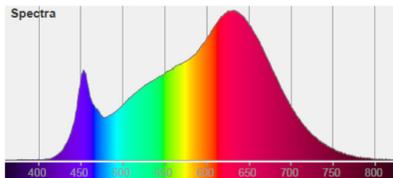
- <3 MacAdam Ellipse (<3 SDCM)
- 94 CRI average across all CCTs
- 76 R9 average across all CCTs
- Available in both wired or wireless control

INK		TUNABLE WHITE - 1800-4000K						
<b>Color Temp</b>		1800	2200	2500	2700	3000	3500	4000
<b>System Watts</b>		10	10	10	10	10	10	10
<b>Delivered Lumens</b>		352	402	435	456	500	530	530
<b>Luminaire Efficiency</b>		37	42	46	48	53	56	56
Flux and Color data based on 20° measurement at 2700k. All other values are extrapolated from actual and analytical tests								

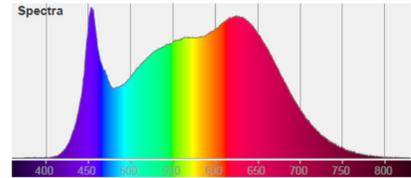
Spectral Power Distributions at all listed CCTs available upon request



1800K



3000K



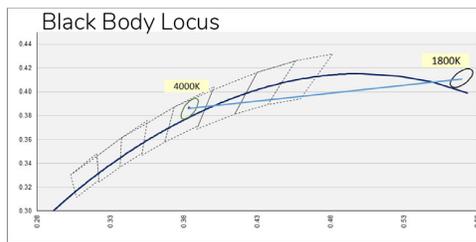
4000K

94  
CRI

76  
R9

89  
RF

97  
RG

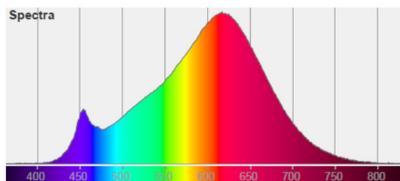


## Tunable White Source T7 - CCT 2765 (2700k to 6500k)

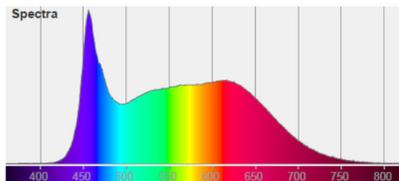
- <3 MacAdam Ellipse (<3 SDCM)
- 94 CRI average across all CCTs
- 96 R9 average across all CCTs
- Available in both wired or wireless control

INK		TUNABLE WHITE - 2700-6500K								
<b>Color Temp</b>		2700	3000	3500	4000	4500	5000	5500	6000	6500
<b>System Watts</b>		10	10	10	10	10	10	10	10	10
<b>Delivered Lumens</b>		553	570	588	589	588	587	586	585	591
<b>Luminaire Efficiency</b>		58	60	62	62	62	62	62	62	62
Flux and Color data based on 20° measurement at 4500k. All other values are extrapolated from actual and analytical tests										

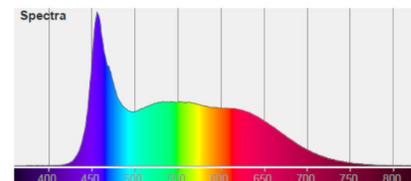
Spectral Power Distributions at all listed CCTs available upon request



2700K



5000K



6500K

96  
CRI

76  
R9

91  
RF

99  
RG

