



Customer Name	Date
Project Name	
Catalog Number	

# Inverse Cove Series



The **Inverse Cove series by Forum** is a fully-integrated vertical curtain cove system, creating a straight, consistent and clean cove in every space. Inverse Cove's specifiable ceiling aperture and profile provide maximum aesthetic impact and seamless integration. Inverse Cove utilizes Forum's patented in-field adjustable length technology and an advanced design which provides even illumination. Current's patented TriGain® phosphor delivers 90 CRI color quality at 80 CRI efficacy.

## Ordering

MOUNTING		OUTPUT		SHIELDING	LENGTH	VOLTAGE	FINISH	INFILL PANEL	OPTION 1	OPTION 2	OPTION 3	
<b>W</b> Wall	<b>65</b> 650 lm/ft 7.3 input watts/ft*	<b>27</b> 2700k temp 93.5% Special order option	<b>CFA</b> Clear Frosted Acrylic lens	<b>2</b> 2'	<b>120V</b>	<b>WH</b> White	<b>4</b> 4"	<b>F</b> Fusing	<b>90 CRI</b> 90 CRI	<b>ADJ</b> Field Adjustable	<b>EC</b> Emergency Circuit	
				<b>3</b> 3'								<b>277V</b>
<b>C</b> Ceiling	<b>95</b> 950 lm/ft 10.6 input watts/ft*	<b>30</b> 3000k temp 95.2%	<b>CFA</b> Clear Frosted Acrylic lens	<b>4</b> 4'	<b>UNV</b> Universal	<b>BK</b> Black	<b>9</b> 9"	<b>DALI</b> Digitally Addressable Lighting Interface	<b>DMX</b> DMX 512	DIMMING OPTIONS (CHOOSE 1)		
				<b>5</b> 5'						<b>CC</b> Custom Color  Provide custom color RAL#:	NONE	
				<b>6</b> 6'								Custom infill panel widths available *See Profile and Mounting
				<b>7</b> 7'								
				<b>8</b> 8'								
				<b>XX</b> Specify run length in even foot increments. Round run dimensions to next whole foot increment. System can be tailored to field conditions at time of insulation								
* Assumes 4000k w/ satin lens		<b>Lumen Multiplier = % of 4000K</b>		Consult factory for limitations		System Power Draw: 65LEDxx = 6.5W/ft 95LEDxx = 10.6W/ft 110LEDxx = 12.3W/ft						

- 1 60 option available with 40 Fixture Length only
- 2 90 option available with 60 Fixture Length only
- 3 A2 option available with 80 Fixture Length only
- 4 10ft aircraft cables with grippers and hourglass sleeves pre-installed. Canopy kits ordered separately
- 5 G2 option available with 60 Fixture Length and 90 Lumen Output options only
- 6 10ft Power cord included. 300V 18AWG, 5-Conductor wire
- 7 Power cord not required for G2 mounting option

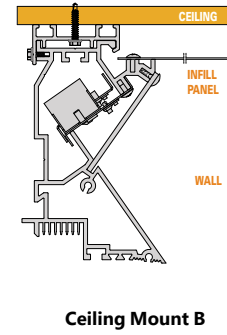
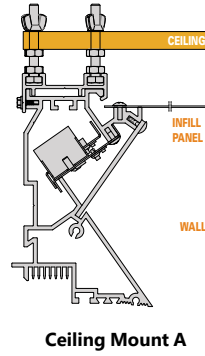
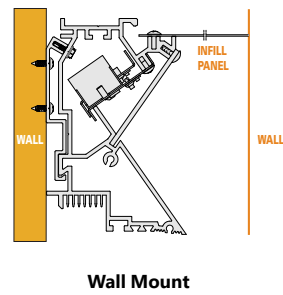
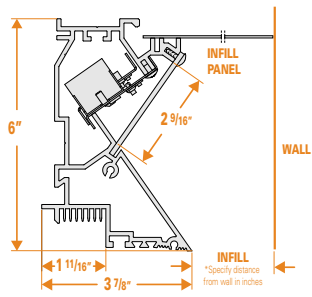
## DIMMING OPTIONS

Ordering Code	Description
DALI	Digitally Addressable Lighting Interface
DMX	DMZ 512

## 2. OPTIONAL ACCESSORIES

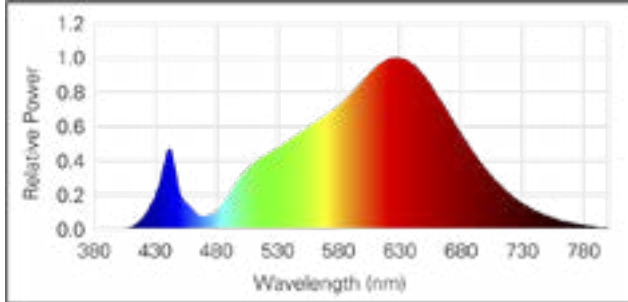


## MOUNTING

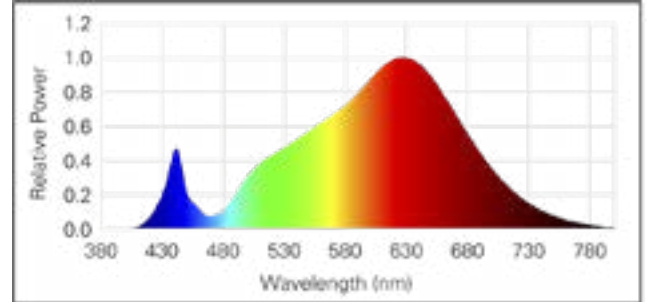


## Spectral Power Distribution, White

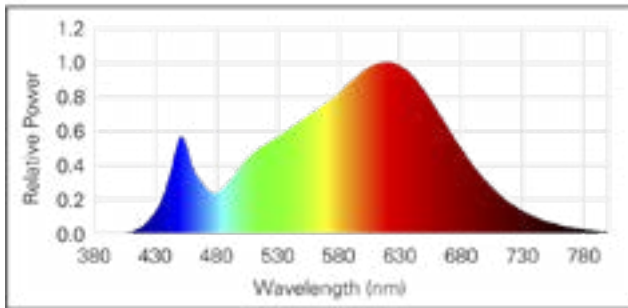
2700K 3-STEP



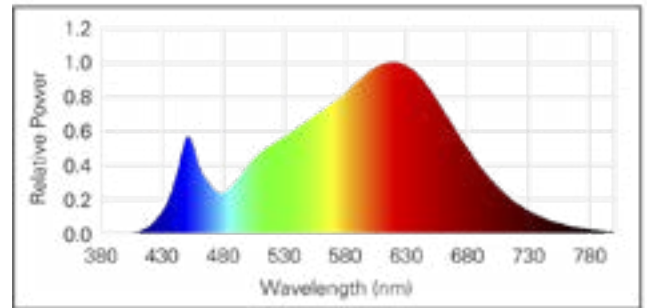
4000K 3-STEP



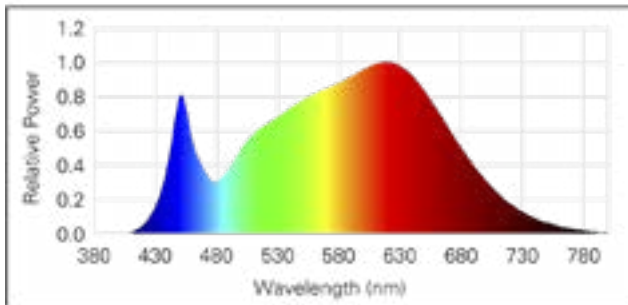
3000K 3-STEP



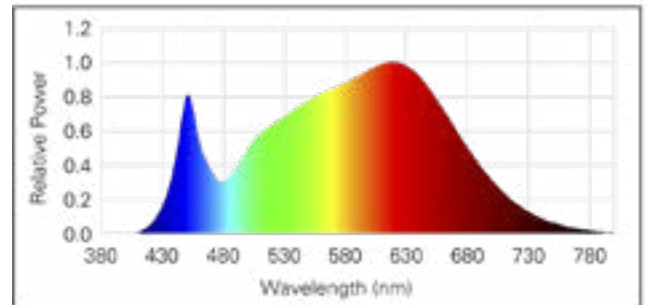
5000K 3-STEP



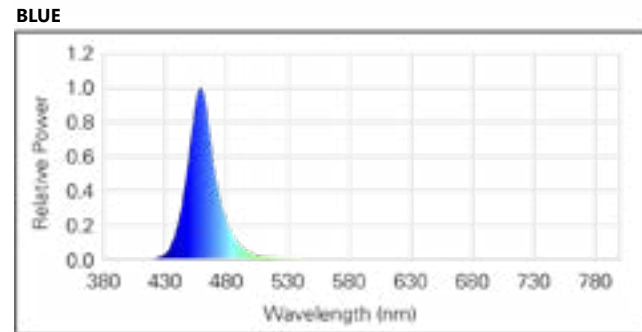
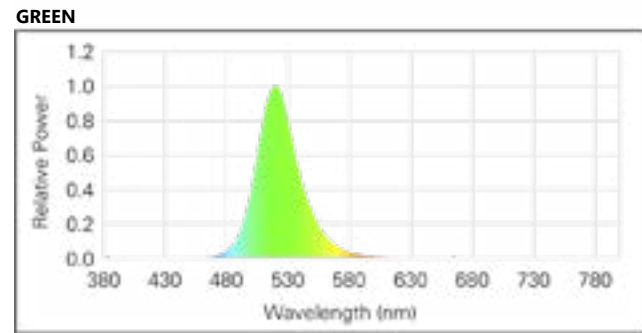
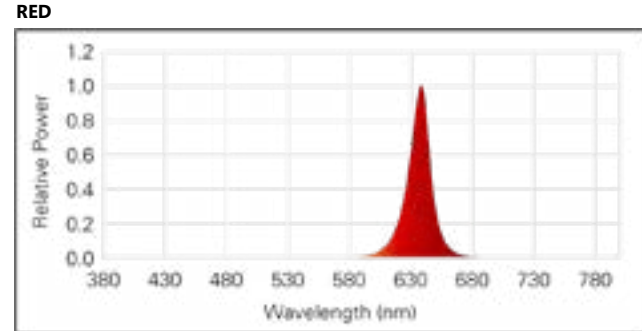
3500K 3-STEP



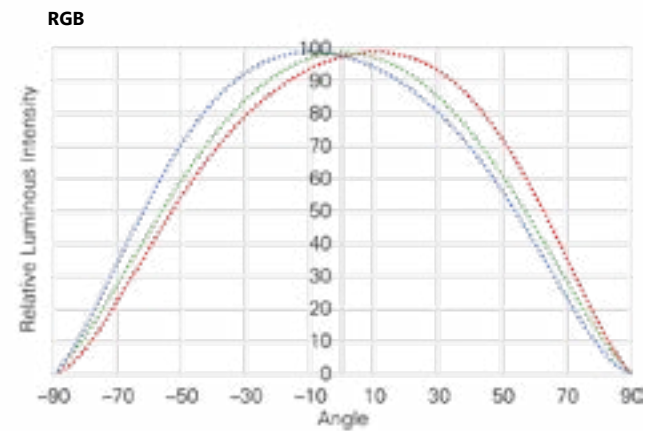
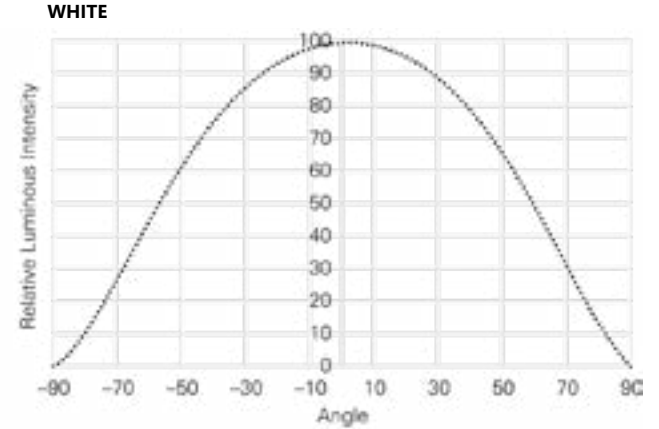
6500K 3-STEP



### Spectral Power Distribution, RGB



### Beam Angle



## Electrical Characteristics

## Assuming 35k 90 CRI, 25°C

WHITE					
Current (mA)	100	250	350	500	640
Voltage (V)	24.21	25.09	25.55	26.14	26.72
Flux (lm)	378	928.8	1274.4	1746	2120

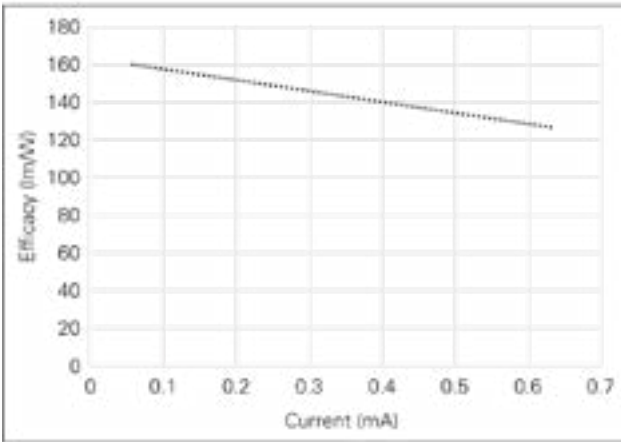
RED				
Current (mA)	40	90	120	160
Voltage (V)	18	20.25	21.375	23.85
Radiant Flux (mcd)	13500	31050	40500	54000

GREEN				
Current (mA)	40	90	120	140
Voltage (V)	27.9	28.98	29.7	30.375
Radiant Flux (mcd)	45360	88200	101304	117180

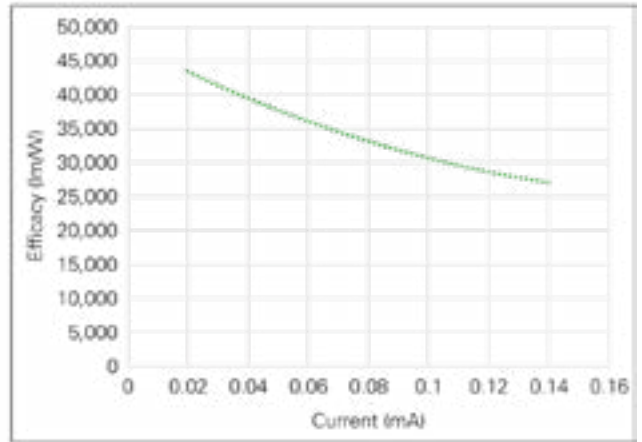
BLUE			
Current (mA)	40	90	100
Voltage (V)	25.875	29.7	30.375
Radiant Flux (mcd)	9720	18720	19440

## EFFICACY VS. CURRENT

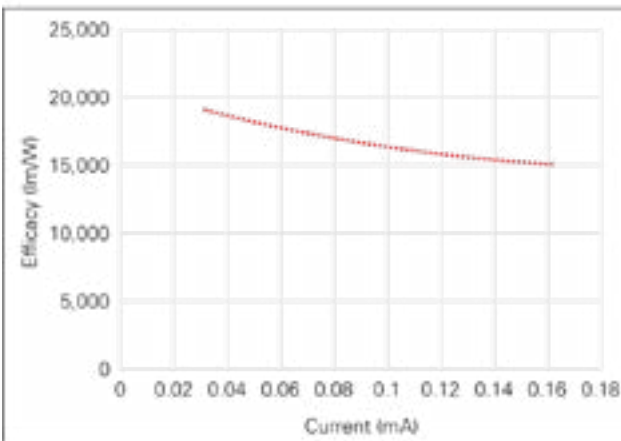
### WHITE



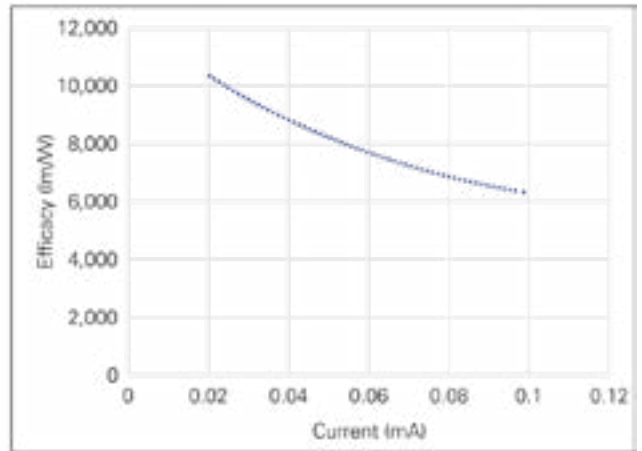
### GREEN



### RED



### BLUE

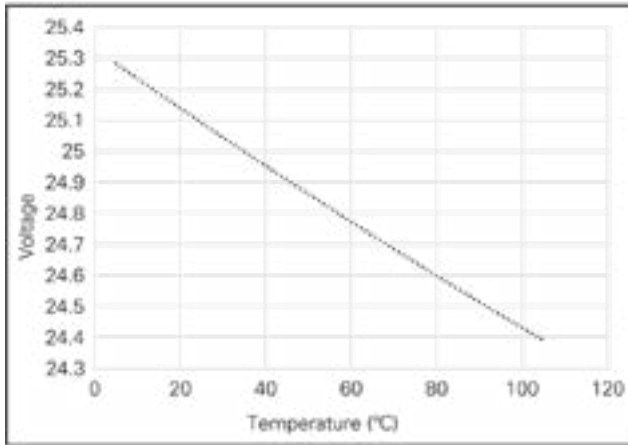


## Derating

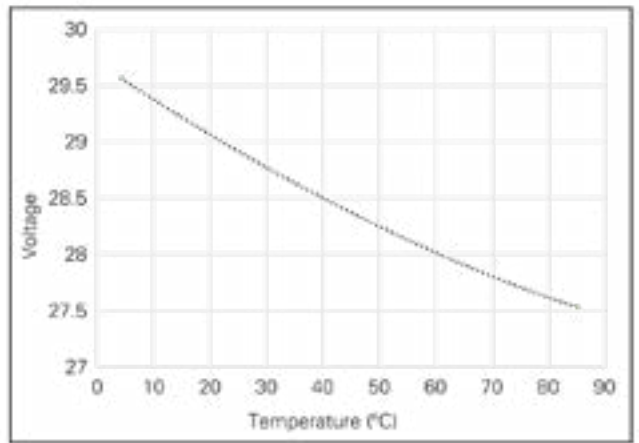
COLOR TEMPERATURE	LIGHT OUTPUT
2700K	97%
3000K	100%
3500K	106%
4000K	111%
5000K	111%
6000K	107%

### VOLTAGE VS. TEMPERATURE

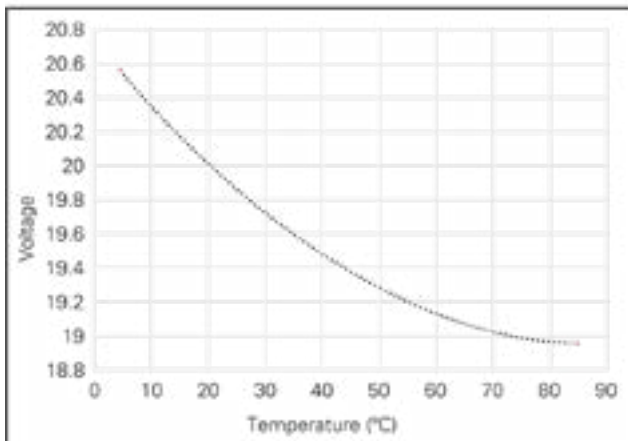
#### WHITE



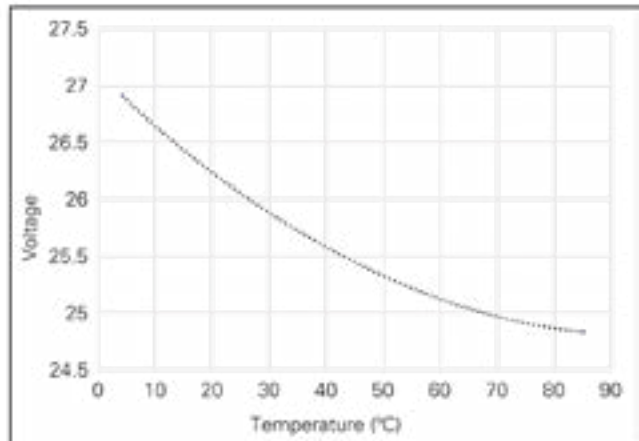
#### GREEN



#### RED



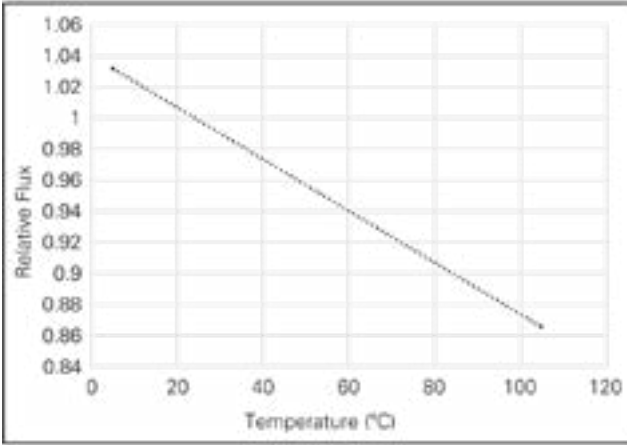
#### BLUE



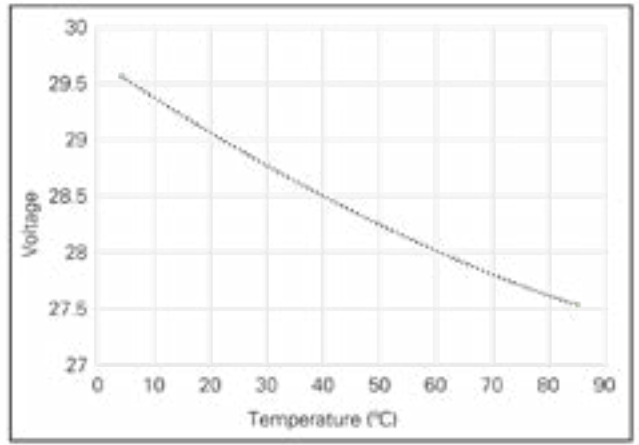
## Derating

### FLUX VS. TEMPERATURE

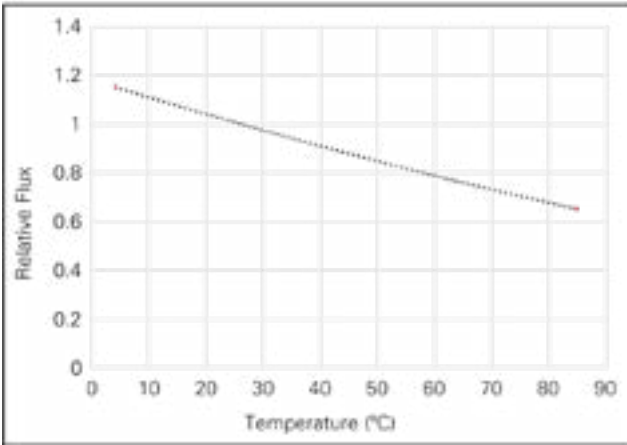
**WHITE**



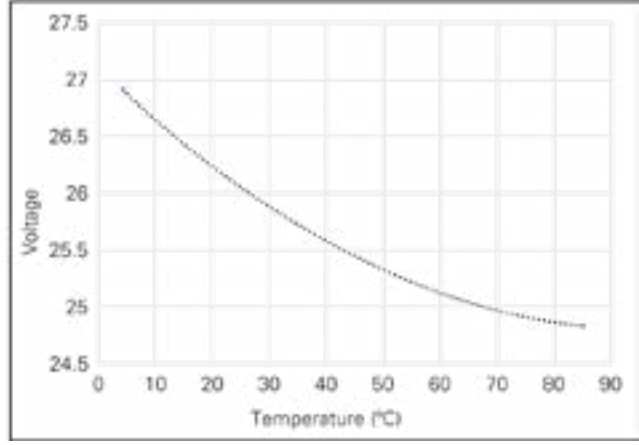
**GREEN**



**RED**



**BLUE**





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## CONSTRUCTION

<b>Housing:</b>	Extruded aluminum, machined endcaps
<b>Lens:</b>	Clear frosted acrylic lens
<b>Optical Assembly:</b>	20 GA aluminum in a pre-paint white finish. Fully wired units remain completely accessible from below.
<b>Paint:</b>	Primer, Black, White, Silver, Custom Color

## OPTICAL SYSTEM

<b>Lumens:</b>	650-1100 lm/ft
<b>Distribution:</b>	specifiable cove width
<b>Aperture:</b>	7.3 - 12.3 watts/ft
<b>Wattage:</b>	7.3 - 12.3 watts/ft
<b>CCT:</b>	2700k, 3000K, 3500K, 4000K
<b>CRI (Min):</b>	TriGain® 90CRI
<b>R9 (Min):</b>	65
<b>Color Consistency:</b>	2SDCM
<b>Color Tuning:</b>	RGBW, Tunable White

## ELECTRICAL

<b>Input Voltage:</b>	120V, 277V, Universal Voltage
<b>Input Frequency:</b>	50/60Hz
<b>Power Factor (PF):</b>	>0.9
<b>Total Harmonic Distortion (THD):</b>	<16% - 120V <20% - 277V
<b>Temperature / Humidity:</b>	Suitable for Damp Locations
<b>Transient Protection:</b>	All Non-Lutron = 2.5KV Lutron = 4KV

## CONTROLS

<b>Dimming:</b>	Digitally Addressable Lighting Interface; DMX 512
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## LUMEN MAINTENANCE

- L70>50K Hours

## MOUNTING

- W - Wall
- C - Ceiling

## DESIGN LIFE & WARRANTY

- Warranty:**
- LED boards - 5 years
  - LED drivers (standard) - 5 years
  - LED drivers (Lutron) - 3 years



**For Product or Technical Questions:**

**E: INFO@FORUMLIGHTING.COM**  
**T: +1 412 781 5970**