

# 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.

## Ordering

IVC—RGBW —

lm/ft CCT

CFA X — — — — —

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>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>C</b> Ceiling			<b>3</b> 3'	<b>277V</b>	<b>SV</b> Silver	<b>6</b> 6"	<b>ADJ</b> Field Adjustable	<b>EC</b> Emergency Circuit	
	<b>95</b> 950 lm/ft 10.6 input watts/ft*	<b>30</b> 3000k temp 95.2%	<b>4</b> 4'	<b>UNV</b> Universal	<b>BK</b> Black	<b>9</b> 9"	<b>DIMMING OPTIONS (CHOOSE 1)</b>		
	<b>110</b> 1100 lm/ft 12.3 input watts/ft*	<b>35</b> 3500k temp 96.8%	<b>5</b> 5'		<b>CC</b> Custom Color	<b>NONE</b>	<b>DALI</b> Digitally Addressable Lighting Interface	<b>DMX</b> DMX 512	
		<b>40</b> 4000k temp 100%	<b>6</b> 6'		Provide custom color RAL#:	Custom infill panel widths available *See Profile and Mounting			
	* Assumes 4000k w/ satin lens		<b>7</b> 7'						
	<b>Lumen Multiplier = % of 4000K</b>		<b>8</b> 8'						
	Consult factory for limitations		<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						
	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

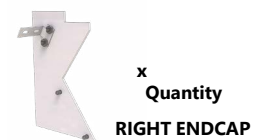
- 4 10ft aircraft cables with gripples and hourglass sleeves pre-installed. Canopy kits ordered separately
- 5 G2 option available with 60 Fixture Length and 90 Lumen Output options only

- 6 10ft Power Cord included. 300V 18AWG, 5-Conductor wire
- 7 Powercord not required for G2 mounting option

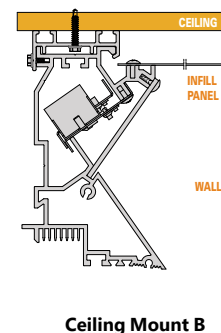
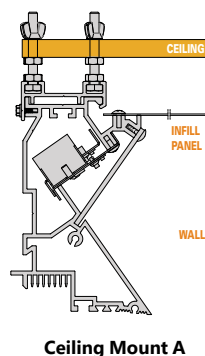
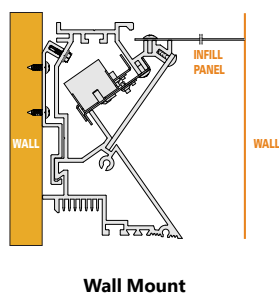
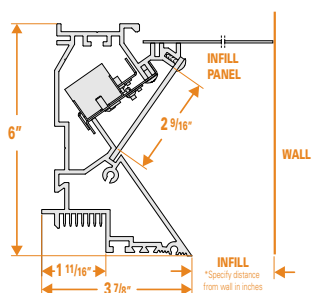
## DIMMING OPTIONS

Ordering Code	Description
DALI	Digitally Addressable Lighting Interface
DMX	DMZ 512

## 2. OPTIONAL ACCESSORIES

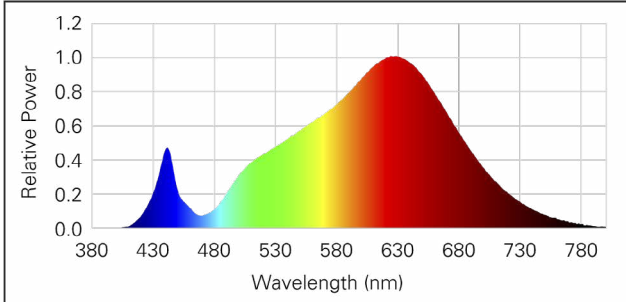


## MOUNTING

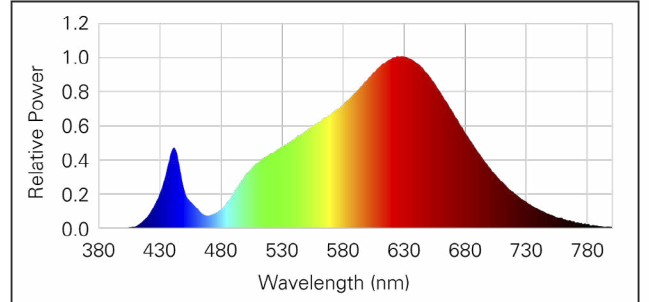


## Spectral Power Distribution, White

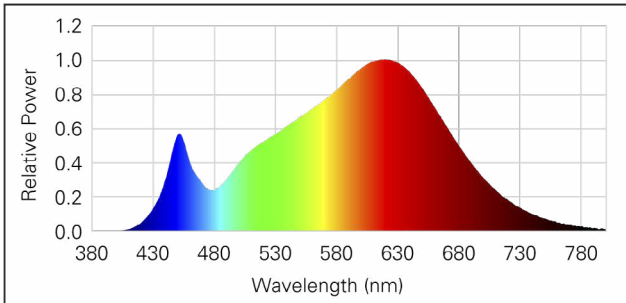
**2700K 3-STEP**



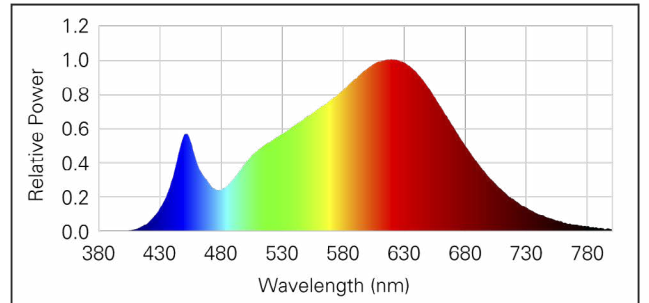
**4000K 3-STEP**



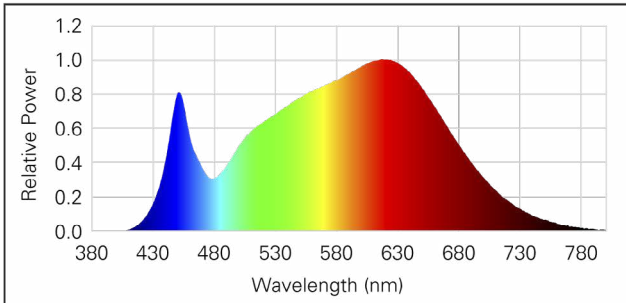
**3000K 3-STEP**



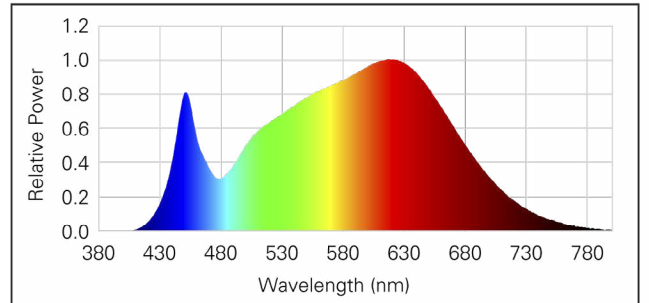
**5000K 3-STEP**



**3500K 3-STEP**



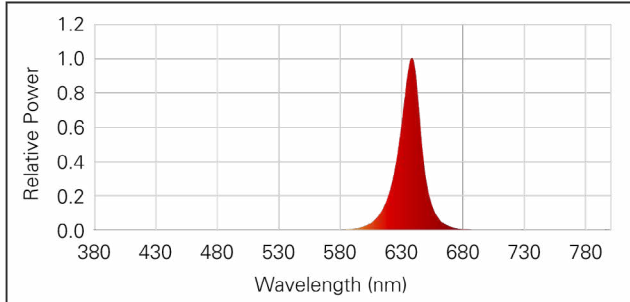
**6500K 3-STEP**



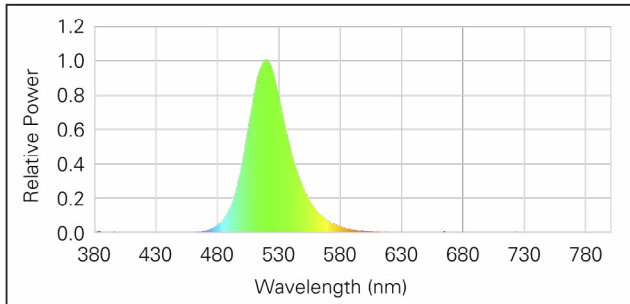


## Spectral Power Distribution, RGB

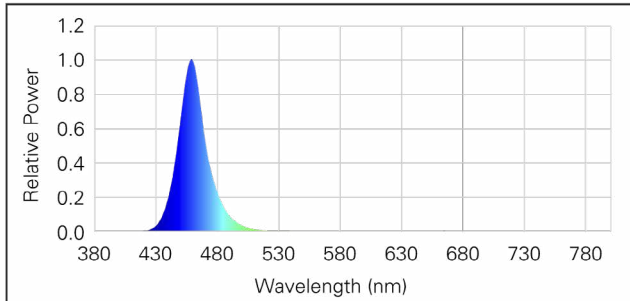
### RED



### GREEN

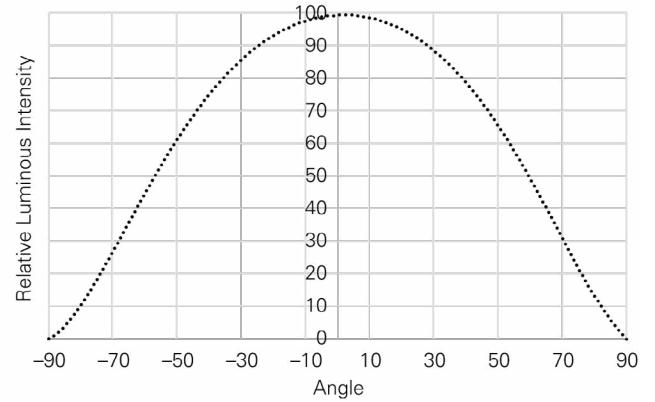


### BLUE

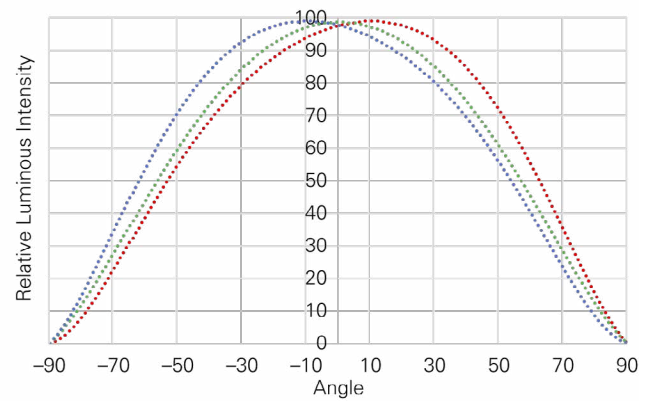


## Beam Angle

### WHITE



### RGB



## Electrical Characteristics

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

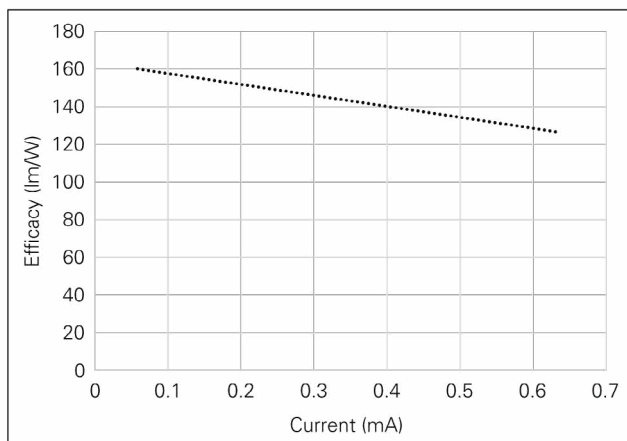
## Assuming 35k 90 CRI, 25°C

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

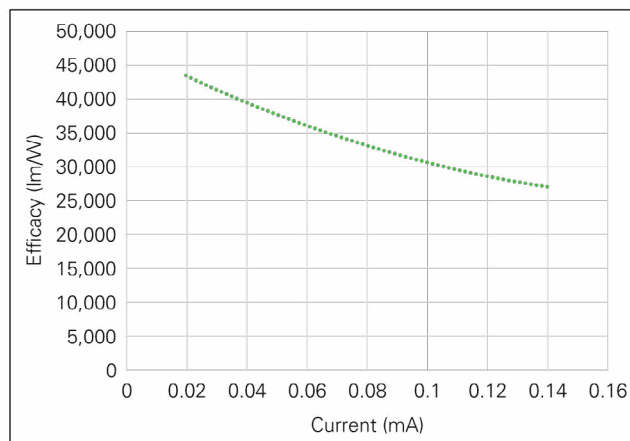
BLUE			
Current (mA)	40	90	100
Voltage (V)	25.875	29.7	30.375
Radiant Flux (mcd)	9720	18720	19440

## EFFICACY VS. CURRENT

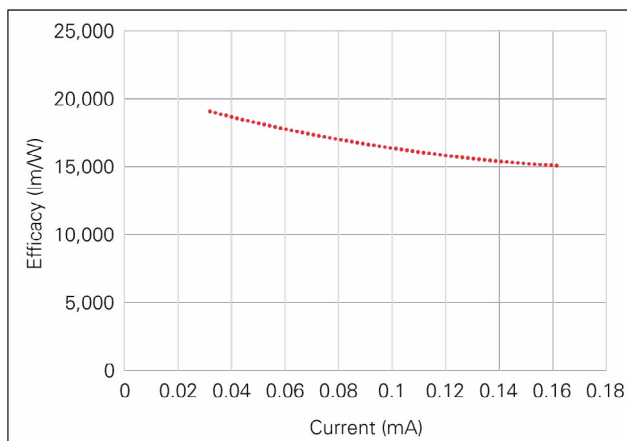
### WHITE



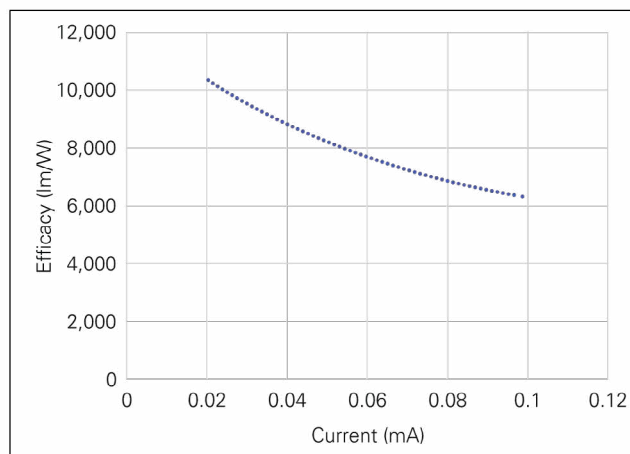
### GREEN



### RED



### BLUE

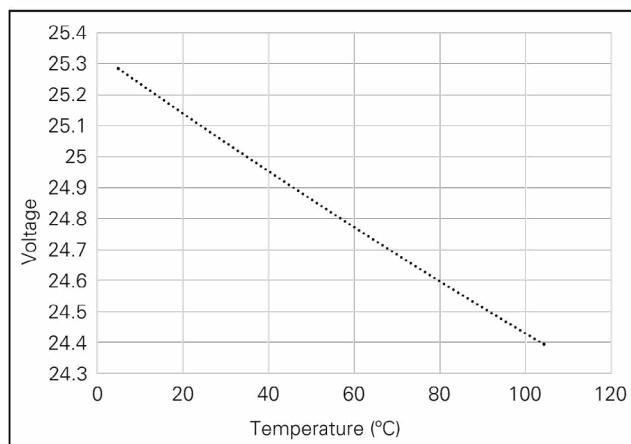


## Derating

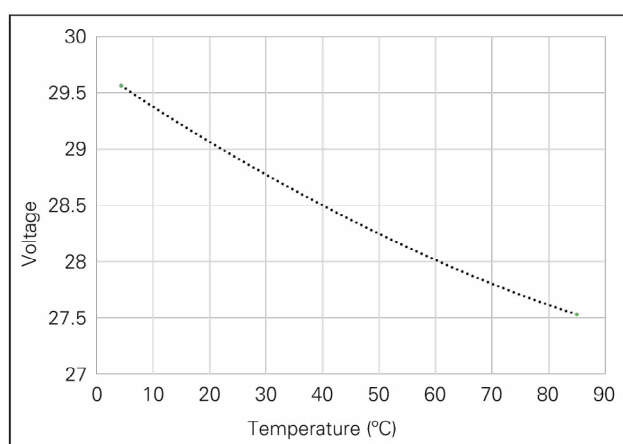
COLOR TEMPERATURE	LIGHT OUTPUT
2700K	97%
3000K	100%
3500K	106%
4000K	111%
5000K	111%
6000K	107%

## VOLTAGE VS. TEMPERATURE

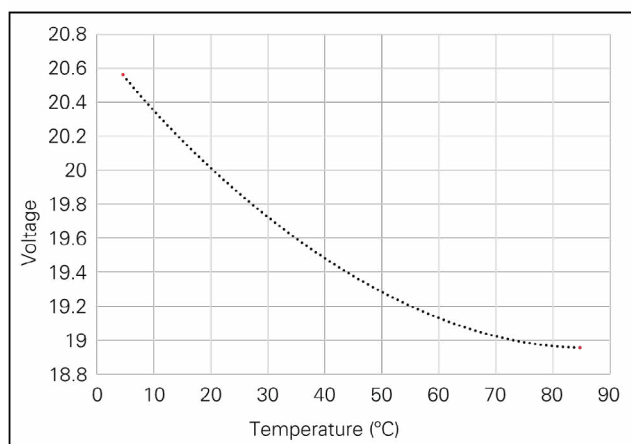
### WHITE



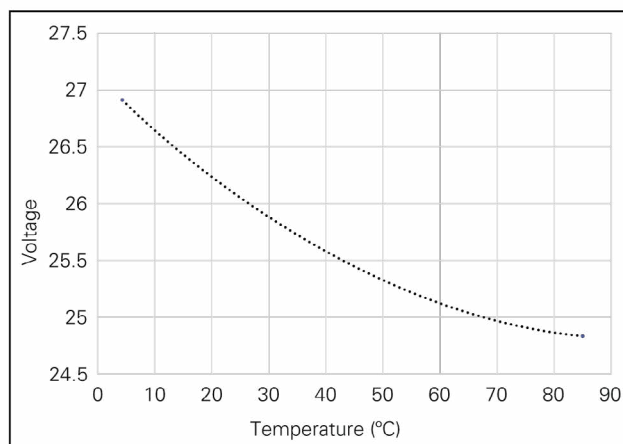
### GREEN



### RED



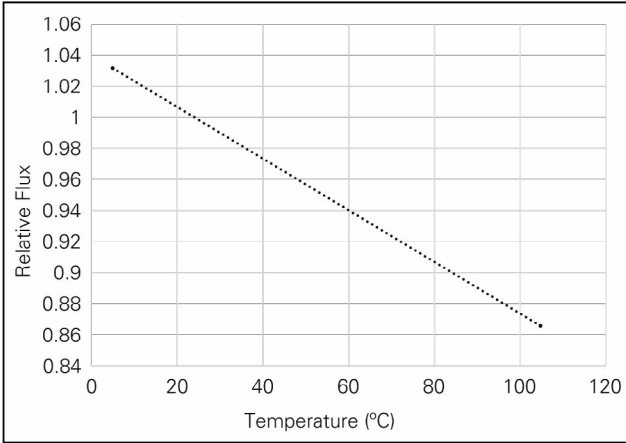
### BLUE



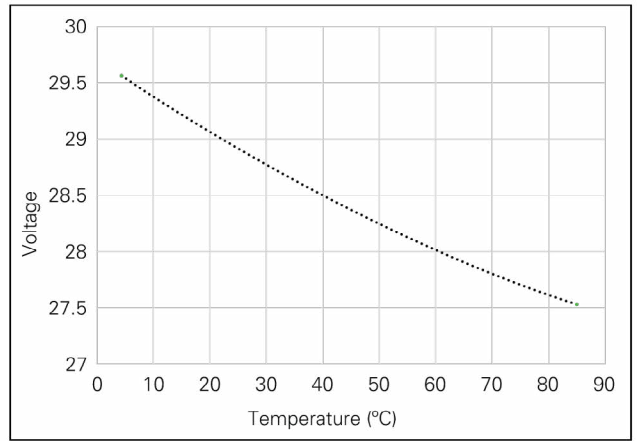
## Derating

### FLUX VS. TEMPERATURE

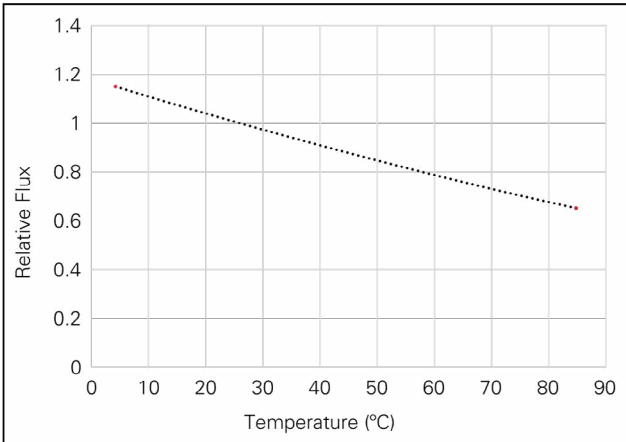
#### WHITE



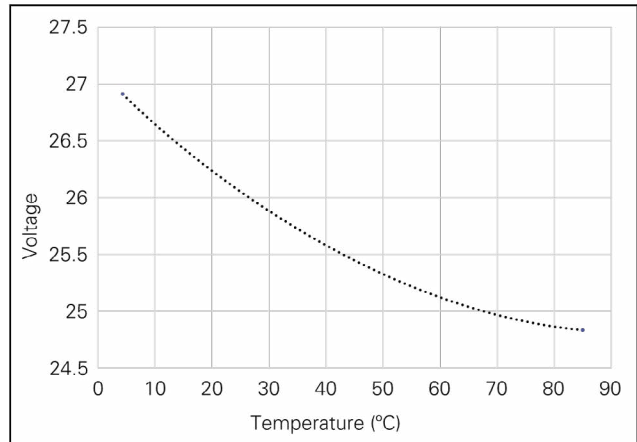
#### GREEN



#### RED



#### BLUE





## CONSTRUCTION

**Housing:** Extruded aluminum, machined endcaps

**Lens:** Clear frosted acrylic lens

**Optical Assembly:** 20 GA aluminum in a pre-paint white finish. Fully wired units remain completely accessible from below.

**Paint:** Primer, Black, White, Silver, Custom Color

## OPTICAL SYSTEM

**Lumens:** 650-1100 lm/ft

**Distribution:** specifiable cove width

**Aperture:** 7.3 - 12.3 watts/ft

**Wattage:** 7.3 - 12.3 watts/ft

**CCT:** 2700K, 3000K, 3500K, 4000K

**CRI (Min):** 90CRI

**R9 (Min):** 65

**Color Consistency:** 2SDCM

**Color Tuning:** RGBW, Tunable White

## ELECTRICAL

**Input Voltage:** 120V, 277V, Universal Voltage

**Input Frequency:** 50/60Hz

**Power Factor (PF):** >0.9

**Total Harmonic Distortion (THD):** <16% - 120V  
<20% - 277V

**Temperature / Humidity:** Suitable for Damp Locations

**Transient Protection:** All Non-Lutron = 2.5KV  
Lutron = 4KV

## CONTROLS

**Dimming:** Digitally Addressable Lighting Interface; DMX 512

## 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:**

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**T: +1 412 781 5970**