

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

IVC—RGBW —

lm/ft CCT

CFA X — — — — —

MOUNTING	OUTPUT	SHIELDING	LENGTH	VOLTAGE	FINISH	INFILL PANEL	OPTION 1	OPTION 2	OPTION 3
W Wall	65 650 lm/ft 7.3 input watts/ft*	27 2700k temp 93.5% Special order option	2 2'	120V	WH White	4 4"	F Fusing	90 CRI 90 CRI	
C Ceiling			3 3'	277V	SV Silver	6 6"	ADJ Field Adjustable	EC Emergency Circuit	
	95 950 lm/ft 10.6 input watts/ft*	30 3000k temp 95.2%	4 4'	UNV Universal	BK Black	9 9"	DIMMING OPTIONS (CHOOSE 1)		
	110 1100 lm/ft 12.3 input watts/ft*	35 3500k temp 96.8%	5 5'		CC Custom Color	NONE	DALI Digitally Addressable Lighting Interface	DMX DMX 512	
		40 4000k temp 100%	6 6'		Provide custom color RAL#:	Custom infill panel widths available *See Profile and Mounting			
	* Assumes 4000k w/ satin lens		7 7'						
	Lumen Multiplier = % of 4000K		8 8'						
	Consult factory for limitations		XX 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

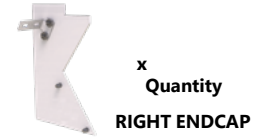
- 4 10ft aircraft cables with grippers and hourglass sleeves pre-installed. Canopy kits ordered separately
- 5 G2 option available with 60 Fixture Length and 90 Lumen Output options only

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

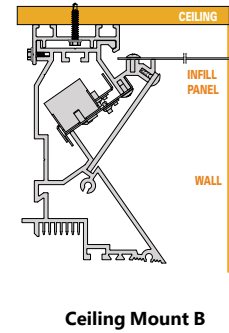
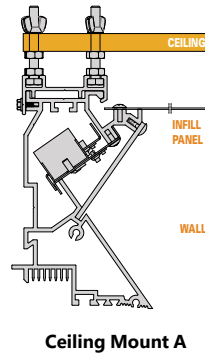
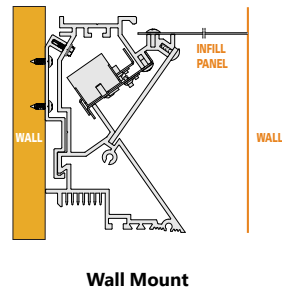
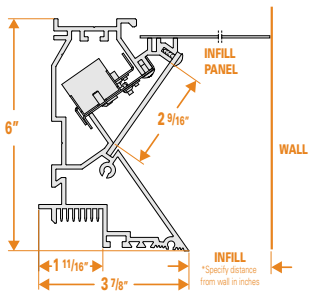
DIMMING OPTIONS

Ordering Code	Description
DALI	Digitally Addressable Lighting Interface
DMX	DMZ 512

2. OPTIONAL ACCESSORIES



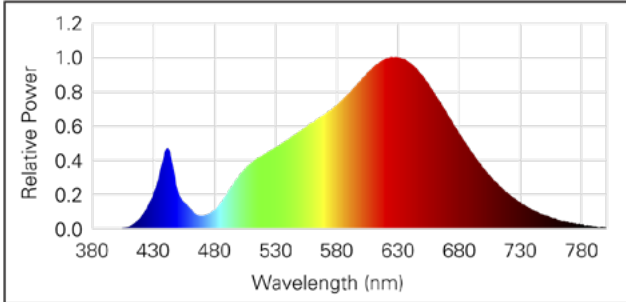
MOUNTING



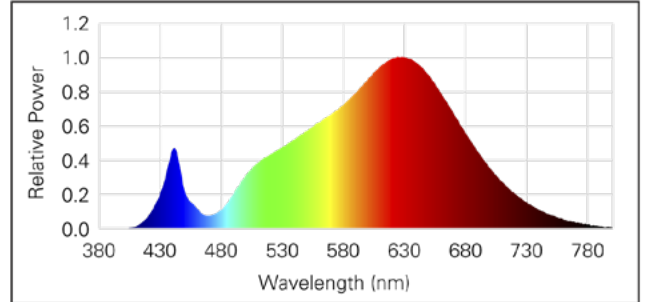


Spectral Power Distribution, White

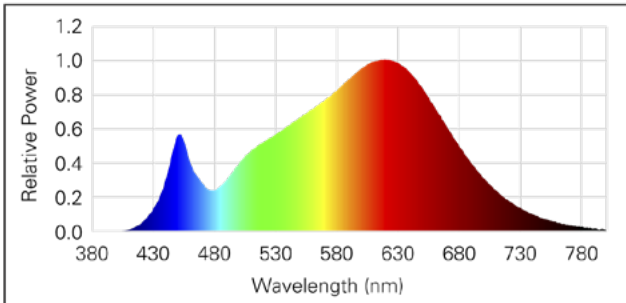
2700K 3-STEP



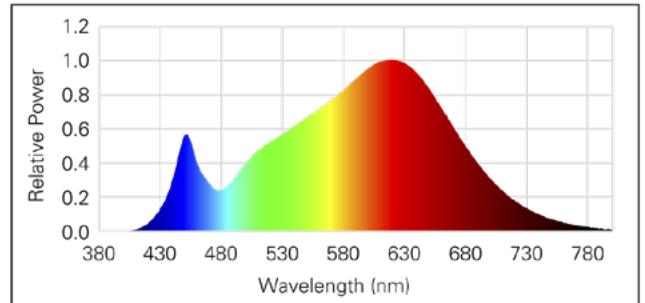
4000K 3-STEP



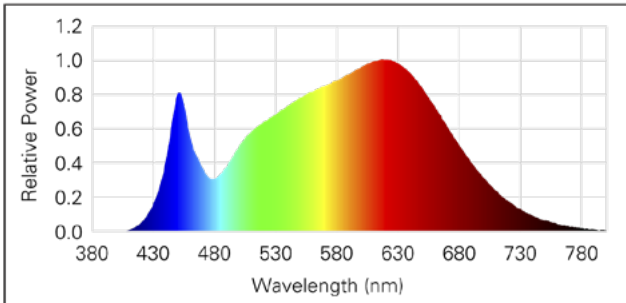
3000K 3-STEP



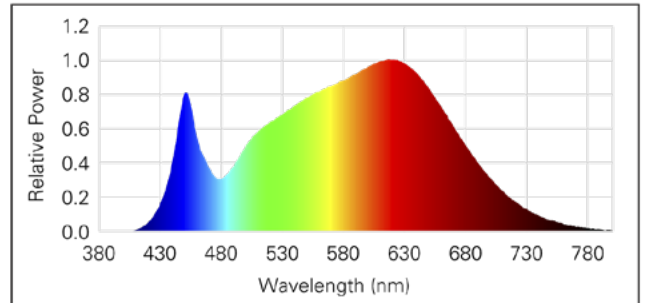
5000K 3-STEP



3500K 3-STEP



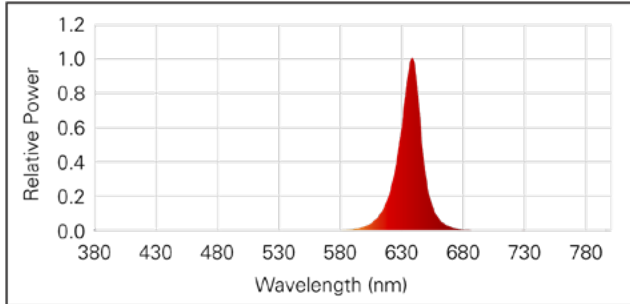
6500K 3-STEP



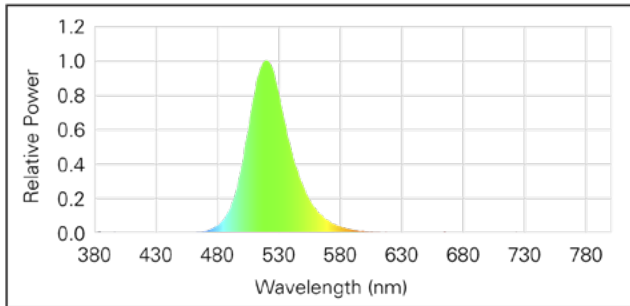


Spectral Power Distribution, RGB

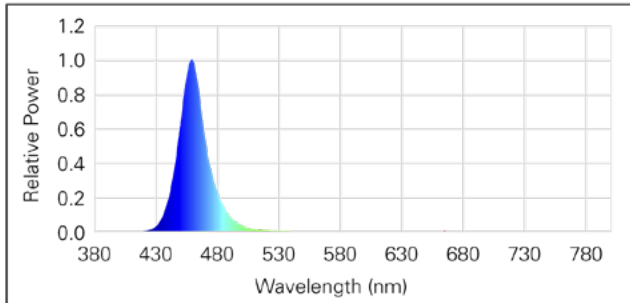
RED



GREEN

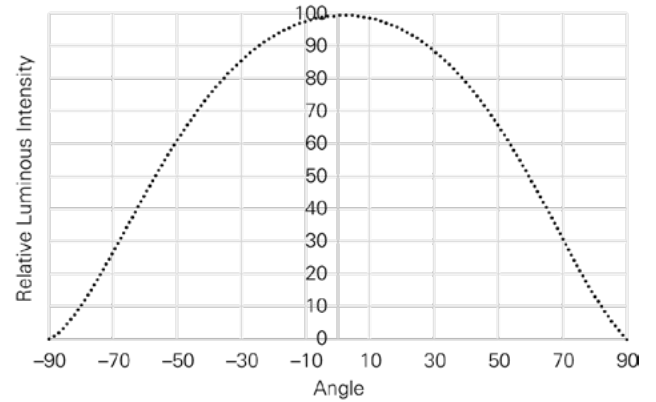


BLUE

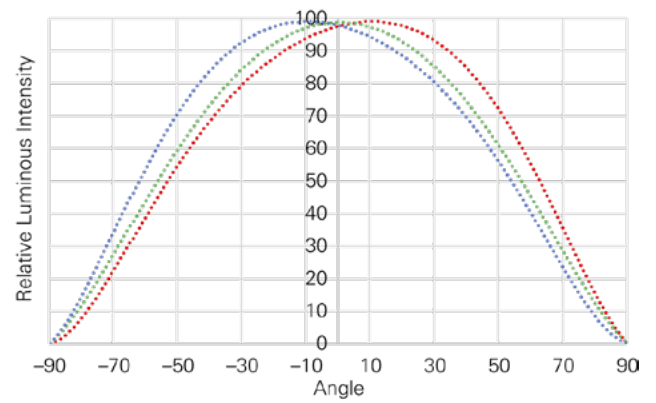


Beam Angle

WHITE



RGB





Customer Name	Date
Project Name	
Catalog Number	

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

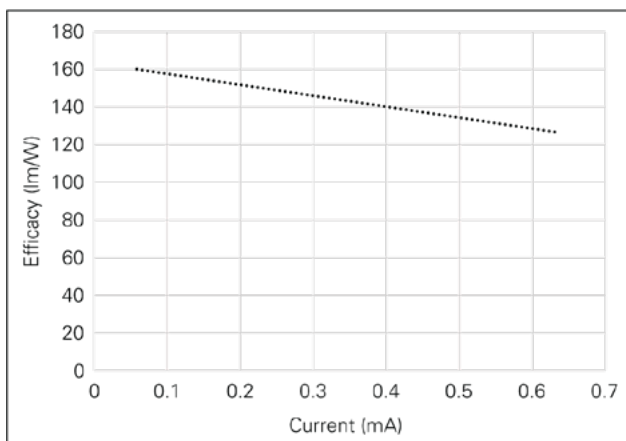
RED				
Current (mA)	40	90	120	160
Voltage (V)	18	20.25	21.375	23.85
Radiant Flux (mcd)	13500	31050	40500	54000

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

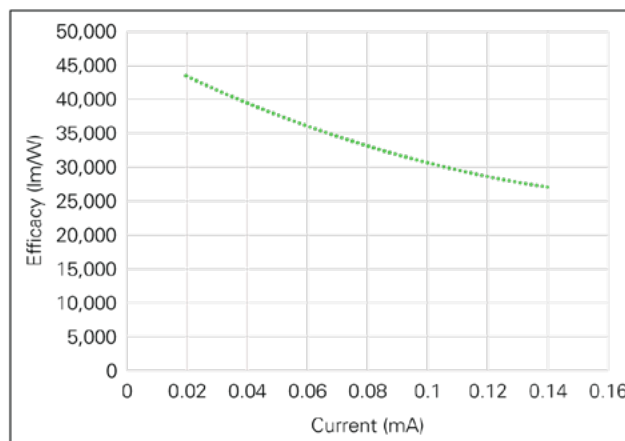
BLUE			
Current (mA)	40	90	100
Voltage (V)	25.875	29.7	30.375
Radiant Flux (mcd)	9720	18720	19440

EFFICACY VS. CURRENT

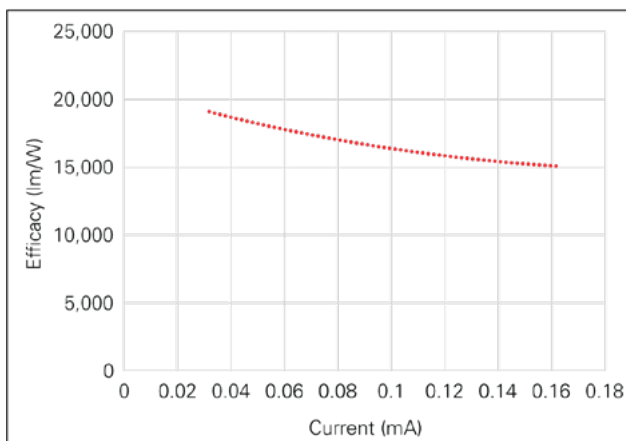
WHITE



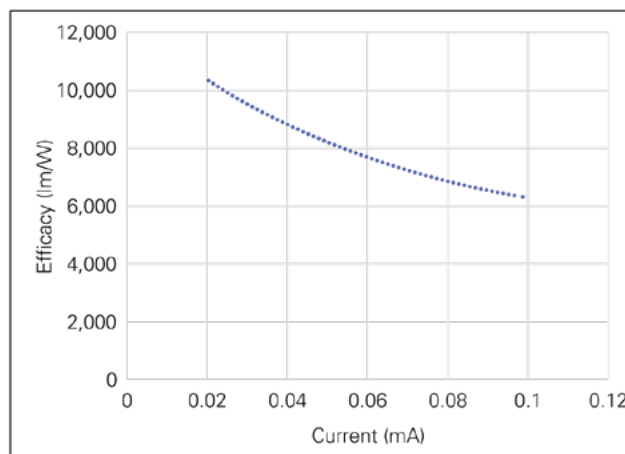
GREEN



RED



BLUE

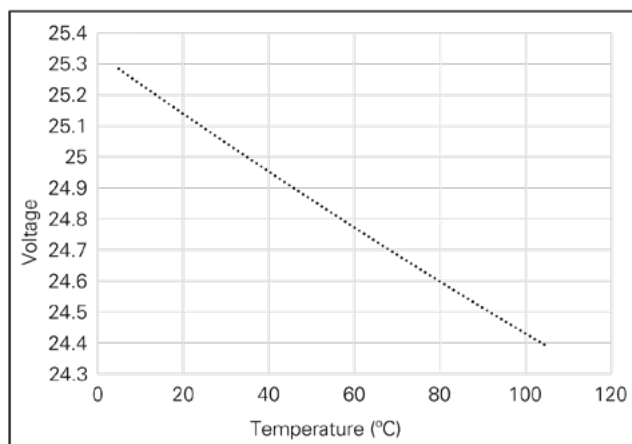


Derating

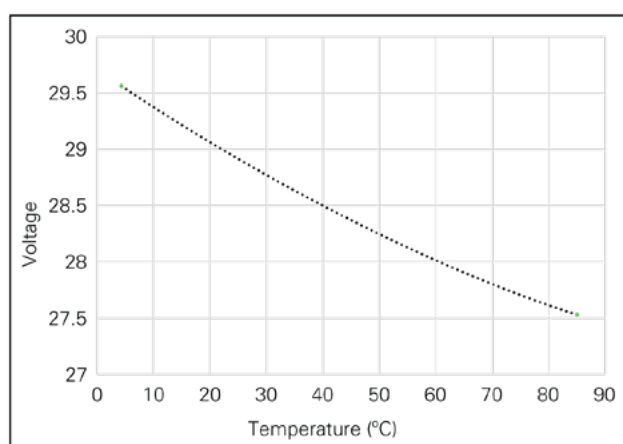
COLOR TEMPERATURE	LIGHT OUTPUT
2700K	97%
3000K	100%
3500K	106%
4000K	111%
5000K	111%
6000K	107%

VOLTAGE VS. TEMPERATURE

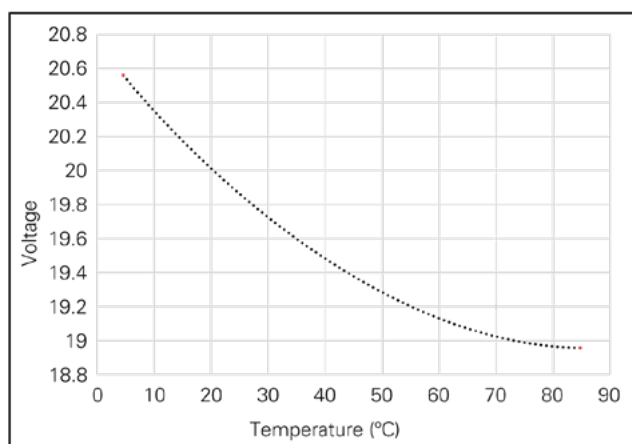
WHITE



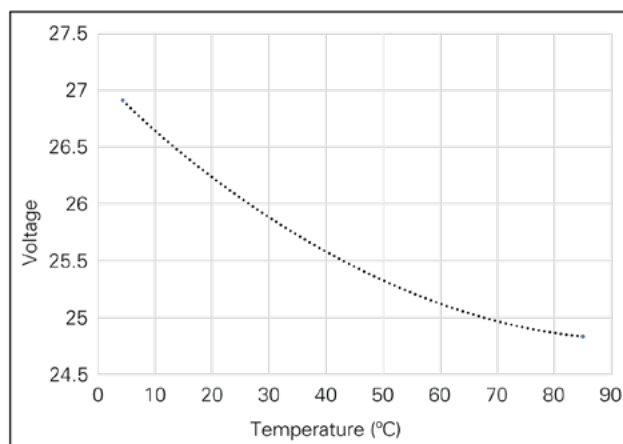
GREEN



RED



BLUE



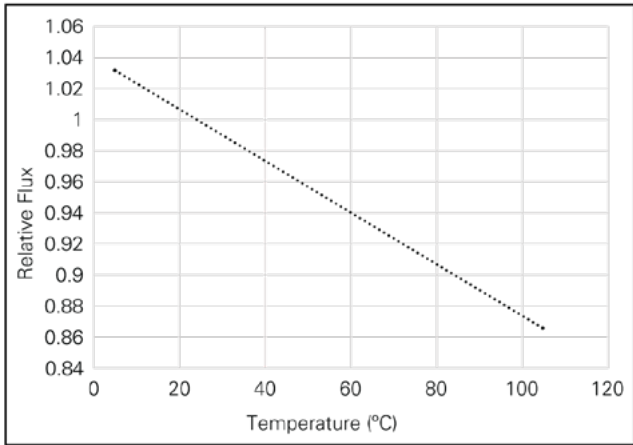


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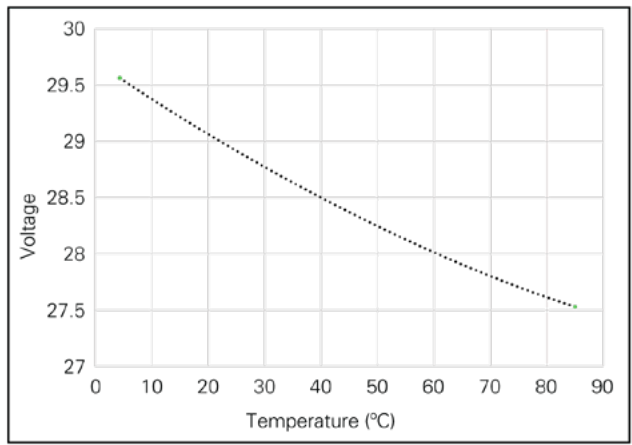
Derating

FLUX VS. TEMPERATURE

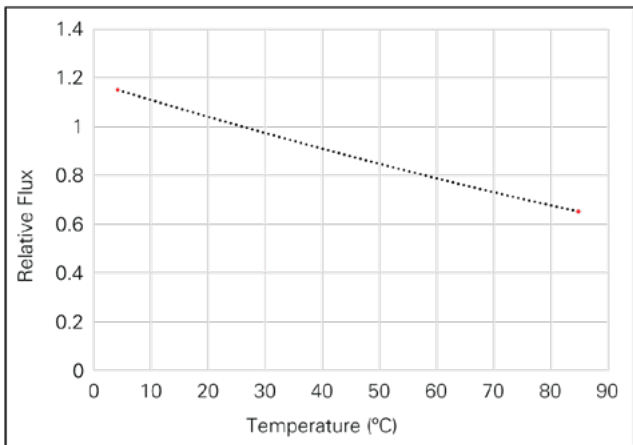
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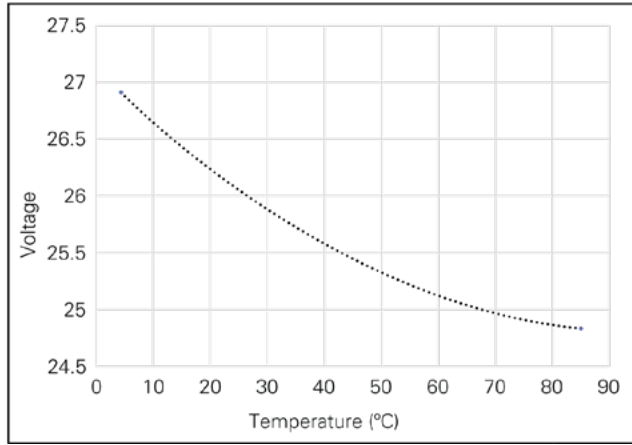
GREEN



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):	TriGain® 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
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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