

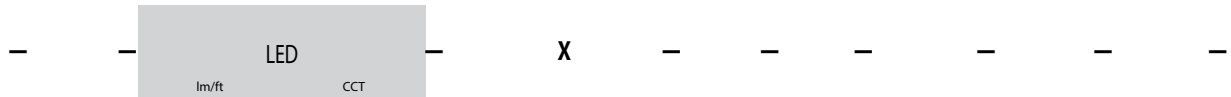


Customer Name	Date
Project Name	
Catalog Number	

# Omnicove Series

The Omnicove series by Forum is a fully-integrated cove system, creating a straight, consistent and clean cove in every space. Omnicove is a modular system which can be used in a stand-alone application, in an optional profile housing, or as a retrofit for existing coves. Omnicove utilizes the latest in LED technology, optical lenses, and is available for use in wet locations.

## Ordering



HOUSING		OUTPUT		SHIELDING	LENGTH	VOLTAGE	FINISH	OPTION 1	OPTION 2	OPTION 3	OPTION 4	
OC Omnicove	SSM Saber Smooth Module	65 650 lm/ft	27 2700k temp 93.5%	CFA Clear Frosted Acrylic lens	1.5 20.25"	120V	WH White	EMLED LED battery pk	F Fusing			
	OCW Omnicove Wet Location	SMM Saber Mud in Module*	7.3 input watts/ft*	Special order option	*Available for wet location module and tray options	2.5 32.25"	277V	SV Silver	90 CRI 90 CRI	EC Emergency Circuit		
SST Saber Smooth Tray*		SMT Saber Mud in Tray*	M Module	95 950 lm/ft 10.6 input watts/ft*	30 3000k temp 95.2%	FTO Forward Throw Optic	3.5 44.25"	UNV Universal	BK Black	DIMMING OPTIONS (CHOOSE 1)		
	110 1100 lm/ft 12.3 input watts/ft*			35 3500k temp 96.8%	* Only available for housings utilizing modules	2.0 26.25"	PR Primer			D10V 0-10V dimming 1% power class	DLA2 Lutron Hi-Lume 1% 2-wire LED driver (120V forward phase only)	DLEH5 Lutron Hi-Lume 1%-H EcoSystem LED driver with Soft-On, Fade-to-Black
	40 4000k temp 100%			* Not available for wet location	3.0 38.25"	CC Custom Color	DLA5 Lutron Hi-Lume 1% EcoSystem LED driver			DLEH5 Lutron Hi-Lume 1%-H EcoSystem LED driver with Soft-On, Fade-to-Black	DIM Dimming	
					4.0 50.25"	Provide custom color RAL#:					Please specify dimming manufacturer/model (if required)	
* Not available for wet location		* Assumes 4000k w/ satin lens			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			CONTROLS OPTIONS (CHOOSE 1)				
		Lumen Multiplier = % of 4000K						LVP Lutron - Vive power pak	C110 Casambi (1x 010v)			
		Consult factory for limitations						C210 Casambi (2x 010v)	CRGBW Casambi (RGBW)			
		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

## CONTROLS & SENSORS

Ordering Code	Description
LVP	Lutron - Vive power pak
C110	Casambi (1x 010v)
C210	Casambi (2x 010v)
CRGBW	Casambi (RGBW)

## DIMMING OPTIONS

Ordering Code	Description
D10V	0-10V Dimming, 1% power class
DLA2	Lutron Hi-lume 1% 2-1ire LED driver (120V forward phase only)
DLA3	Lutron Hi-lume 1% H EcoSystem LED driver with soft-On, Fade-to-Black
DLA5	Lutron Hi-lume 1% EcoSystem LED driver
DLEH5	Lutron Hi-lume 1% H EcoSystem LED driver with soft-On, Fade-to-Black
DLE55	Lutron 5-Series EcoSystem LED driver
DALI	Digitally Addressable Lighting Interface
DIM	Custom Dimming. Please specify dimming manufacturer/model

## 2. OPTIONAL ACCESSORIES



90° INSIDE CORNER

x  
Quantity

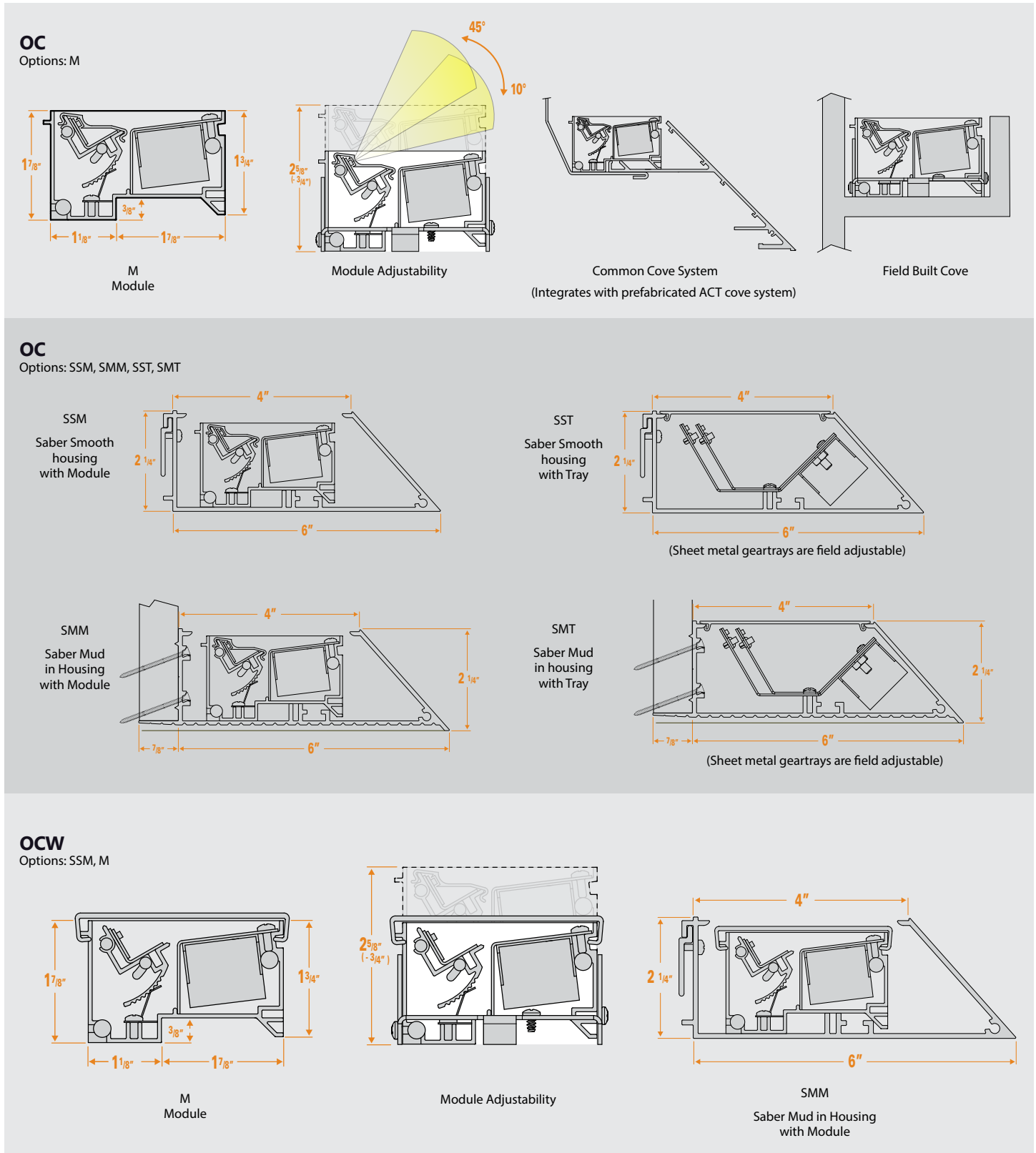


90° OUTSIDE CORNER

x  
Quantity

\* Custom angles available  
Corner only available for Saber Smooth  
and Saber Mud in housings

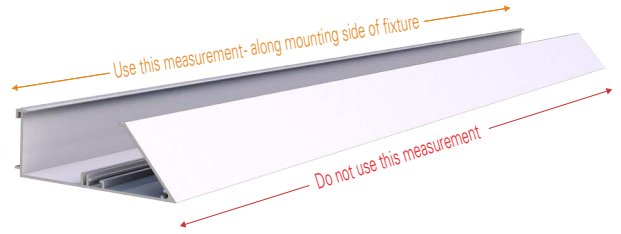
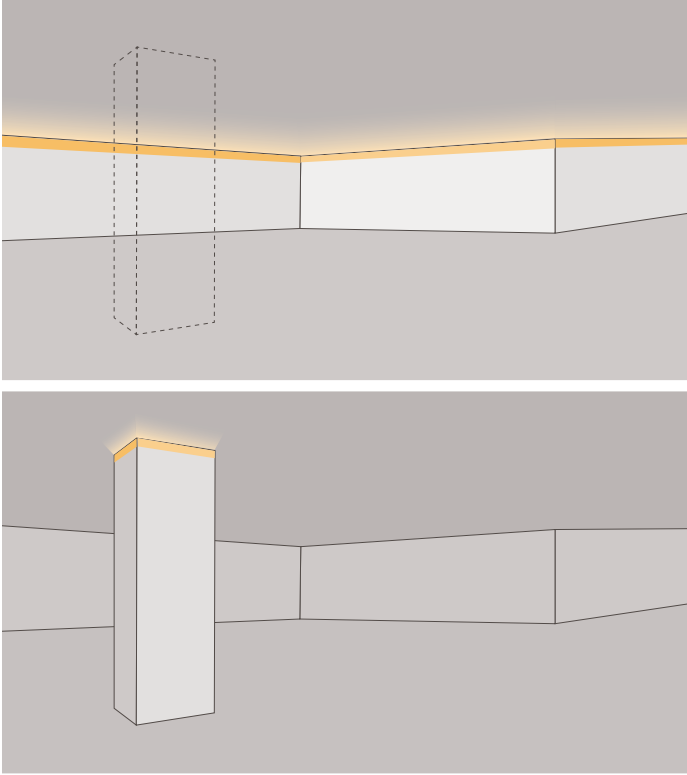
## Drawings



† Consult factory for asymmetric configuration

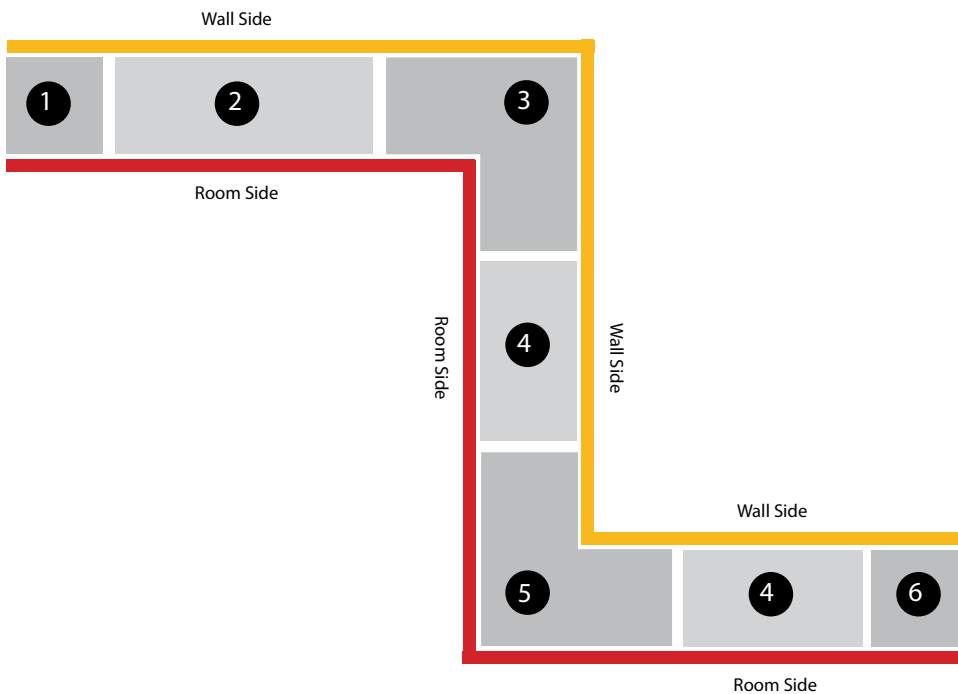
## Housing Detail

### OBTAINING PROPER RUN LENGTH MEASUREMENTS



In order to achieve the proper run length measurement, be sure to use the dimension of total mounting surface.

### EXAMPLE CONTINUOUS RUN SYSTEM PATTERN



#### Example Omnicove Housing Component List

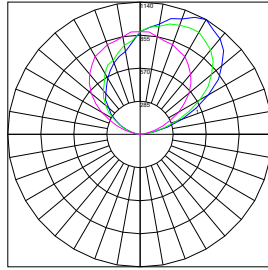
To achieve the continuous run pattern seen at left, you will need:

- ① 1x Beginning of Run Endcap
- ② 1x Housing Kit
- ③ 1x Inside Corner
- ④ 2x Housing Kit
- ⑤ 1x 90° Outside Corner
- ⑥ 1x End of Run Endcap

## Photometrics

Logic/Config  
4' OmniCove

2671 Lumens  
OC-SST-65LED40-CFA X 4'-WH



Maximum Candela = 1140.1 Located At Horizontal Angle = 0, Vertical Angle = 150  
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180)  
 # 2 - Vertical Plane Through Horizontal Angles (45 - 225)  
 # 3 - Vertical Plane Through Horizontal Angles (90 - 270)

ZONE	LUMENS	% OF FIXTURE
0-20	0.00	0.00
0-30	0.00	0.00
0-40	0.00	0.00
0-60	0.00	0.00
0-80	0.00	0.00
0-90	0.00	0.00

ZONE	LUMENS	% OF FIXTURE
10-90	0.00	0.00
20-40	0.00	0.00
20-50	0.00	0.00
40-70	0.00	0.00
60-80	0.00	0.00
70-80	0.00	0.00
80-90	0.00	0.00
90-110	188.14	7.00
90-120	513.53	19.20
90-130	973.70	36.50
90-150	1964.84	73.60
90-180	2671.08	100.00
110-180	2482.94	93.00
0-180	2671.08	100.00

## CONSTRUCTION

<b>Housing:</b>	Extruded aluminum, machined endcaps, optional housing profiles
<b>Lens:</b>	Clear frosted acrylic lenses.
<b>Optical Assembly:</b>	6063 T5 extruded aluminum. Fully wired units remain completely accessible from above.
<b>Paint:</b>	Primer, Black, White, Silver, Custom Color

## OPTICAL SYSTEM

<b>Lumens:</b>	650-1100 lm/ft
<b>Distribution:</b>	adjustable angle optical assembly
<b>Efficacy:</b>	Up to 137 LPW
<b>Wattage:</b>	7.3 - 12.3 watts/ft
<b>CCT:</b>	2700k, 3000K, 3500K, 4000K
<b>CRI (Min):</b>	90CRI
<b>R9 (Min):</b>	65
<b>Color Consistency:</b>	2SDCM

## 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>	0-10V 1% power class; Lutron Hi-lume 1% 2-wire LED driver; Lutron Hi-lume 1% 3-wire LED driver; Lutron Hi-lume 1% EcoSystem LED driver; Lutron Hi-lume 1%-H EcoSystem LED driver with soft-On Fade-to-Black; Lutron 5-Series EcoSystem LED driver; Digitally Addressable Lighting Interface; Custom Dimming
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## LUMEN MAINTENANCE

- L70>50K Hours

## PROFILES

- Saber
- Rectilinear

## MOUNTING

- Integrated Cove Mounting
- Retrofit applications

## RATINGS

- IP66 Wet Rated

## 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**