

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. Current's patented TriGain® phosphor delivers 90 CRI color quality at 80 CRI efficacy.

Ordering

		LED													
		Im/ft	CCT												
HOUSING	OUTPUT	SHIELDING	LENGTH	VOLTAGE	FINISH	OPTION 1	OPTION 2	OPTION 3	OPTION 4						
OC Omnicove	SSM Saber Smooth Module	65 650 lm/ft 7.3 input watts/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*	95 950 lm/ft 10.6 input watts/ft*	30 3000k temp 95.2%	*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*			FTO Forward Throw Optic	3.5 44.25"	UNV Universal	BK Black	DIMMING OPTIONS (CHOOSE 1)							
	SMT Saber Mud in Tray*	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				
	M Module			40 4000k temp 100%	* Not available for wet location	3.0 38.25"	CC Custom Color Provide custom color RAL#:		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 Please specify dimming manufacturer/model (if required)				
* Not available for wet location		* Assumes 4000k w/ satin lens				4.0 50.25"								CONTROLS OPTIONS (CHOOSE 1)	
		Lumen Multiplier = % of 4000K				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							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 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



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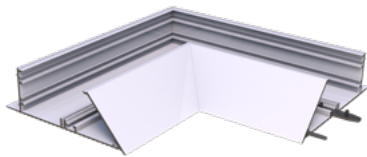
CONTROLS & SENSORS

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

DIMMING OPTIONS

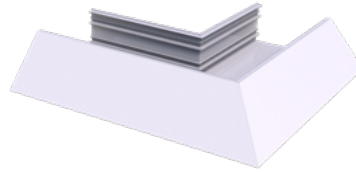
Ordering Code	Description
D10V	0-10V Dimming, 1% power class
DLA2	Lutron Hi-lume 1% 2-lire LED driver (120V forward phase only)
DLA3	Lutron Hi-lume 1% H EcoSystem LED driver with soft-On, Fade-to-Black
DLA5	Lutron Hi-lume 1% EcoSystem LED driver
DLEH5	Lutron Hi-lume 1% H EcoSystem LED driver with soft-On,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

2. OPTIONAL ACCESSORIES



90° INSIDE CORNER

x
Quantity



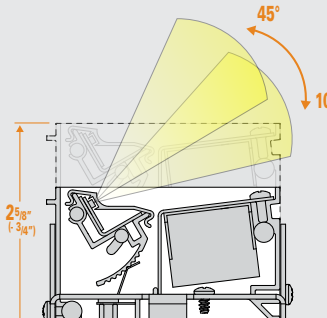
90° OUTSIDE CORNER

x
Quantity

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

Drawings

OC
Options: M



M
Module

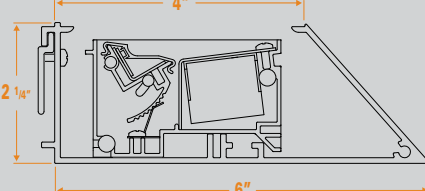
Module Adjustability

Common Cove System
(Integrates with prefabricated ACT cove system)

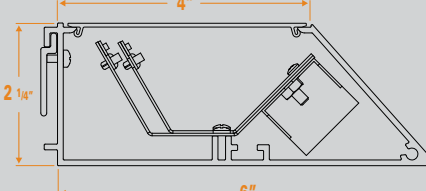
Field Built Cove

OC
Options: SSM, SMM, SST, SMT

SSM
Saber Smooth housing with Module

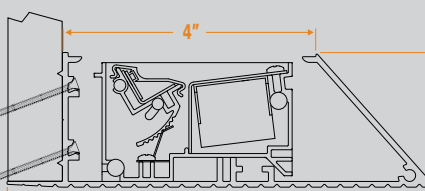


SST
Saber Smooth housing with Tray

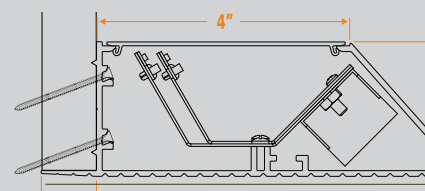


(Sheet metal geartrays are field adjustable)

SMM
Saber Mud in Housing with Module



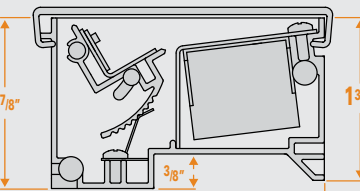
SMT
Saber Mud in housing with Tray



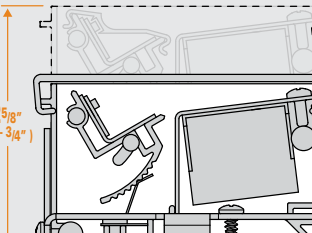
(Sheet metal geartrays are field adjustable)

OCW
Options: SSM, M

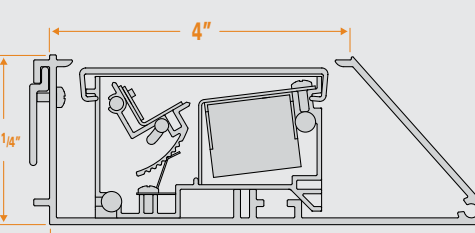
M
Module



Module Adjustability



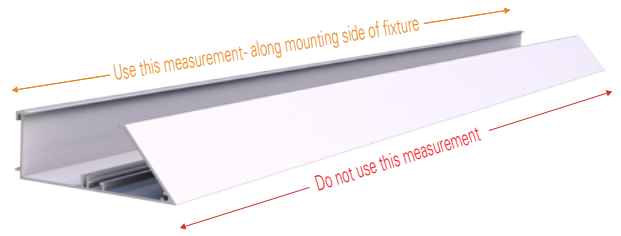
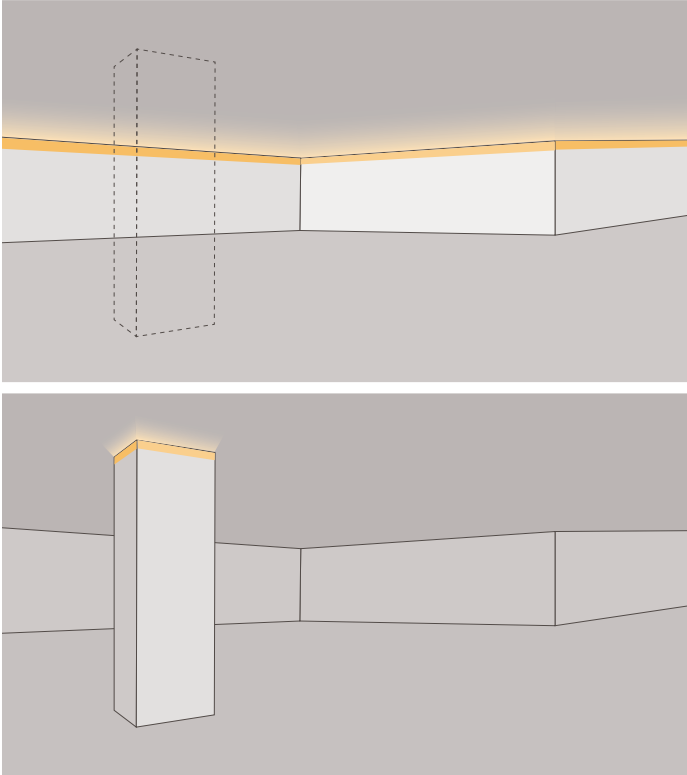
SMM
Saber Mud in Housing with Module



* Consult factory for asymmetric configuration

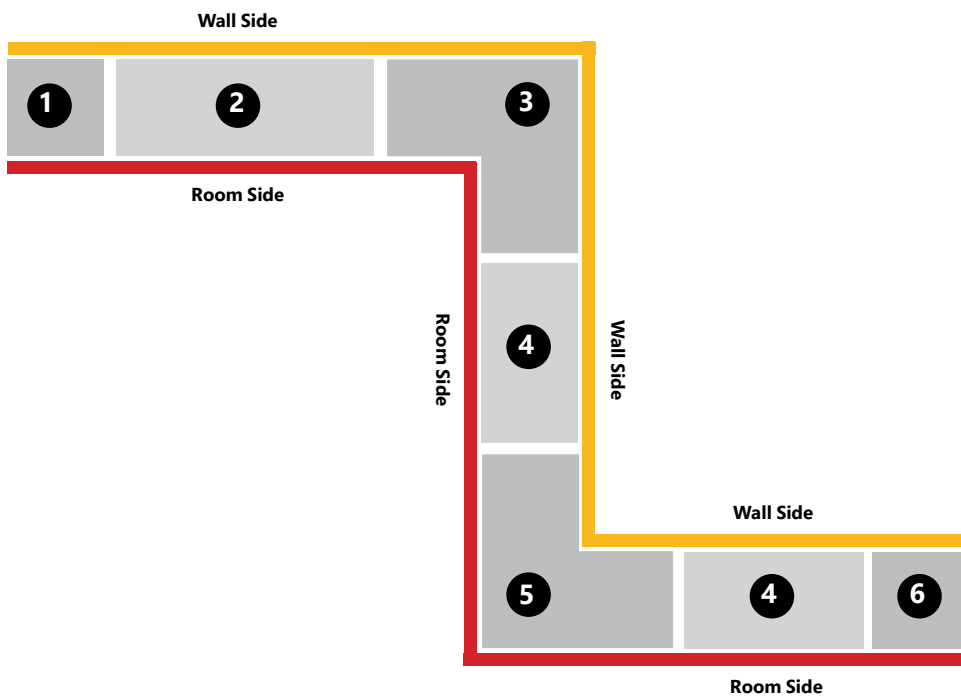
Housing Detail

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

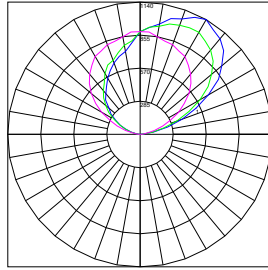


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Photometrics

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



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CONSTRUCTION

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

OPTICAL SYSTEM

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

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:	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:

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