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Spec Guide

RaceRail™| Wall | LED | 207

Accent lighting for corporate, hospitality and educational applications.

RaceRail, direct or indirect, 370° rotation.

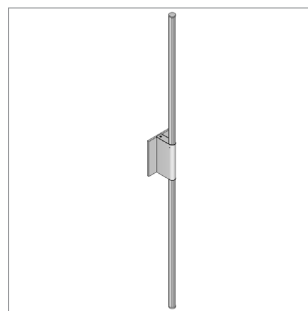### Benefits & Features

Super Slim Design
Round profile, Ø1.12" (28mm), 370° rotation, angle gage and lock.

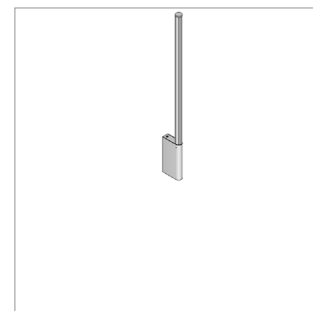**Superior Light Quality & Performance**
Up to 97 lm/W, 1092 lm/ft (3276 lm/m) and 95 CRI at 3000K.
Variety of beam control options.

ADA Compliant
3.8" (97mm) projection.

Shown: Double Rail with Canopy

Shown: Single Rail

Structure

Lengths	Single-sided length: 30.5" (775mm). Double-sided length: 54.5" (1384mm).
Rail Dimension	Ø1.12" (28mm).
Construction / Finish	Extruded and machined 6063 aluminum. Brushed Aluminum (stock), black anodized, white painted and non-standard finishes available.
Mounting	Wall mount to jbox with cover plate or direct wire without cover plate.

Power / Controls

Power Type	Class 2 (<60v output) constant current driver.
Controls	Non-dimming, dimming (1%, 10%). 0-10v, DALI, DMX, Lutron™ available for most configurations. *See Driver Guide for details.*
Input Voltage	120v, 240v, 277v, 50/60hz.
Power Location	Remote power. Maximum remote distance up to 72' (22m) depending on driver selection. *See Driver Guide for details.*
Emergency Power	Available for select drivers only. *See Driver Guide or consult factory for details.*

Light

Zipper Board™

72 diodes per foot (305mm)

			Standard Output				High Output			
			2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	Clear Lens		86	90	94	97	77	80	83	87
	Diffuse Round Lens		77	80	83	87	69	72	75	78
	Diffuse Flat Lens		72	75	78	81	64	67	69	72
Lumens per Foot (305mm)[2]	Clear Lens		531	554	577	600	968	1008	1050	1092
	Diffuse Round Lens		473	493	514	534	873	909	947	985
	Diffuse Flat Lens		445	463	483	502	813	847	882	917
Watts per Foot (305mm)[2]			6	6	6	6	13	13	13	13
CRI			>80 min, 85 avg.				>80 min, 85 avg.			
Lumen Maintenance[3]			60,000 hours L80 @25ºC				60,000 hours L80 @25ºC			

Button Board™

6 diodes per foot (305mm)

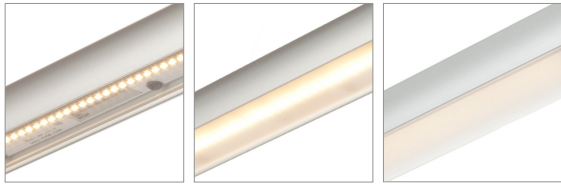|		Standard Output				High Output			
		2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	Clear Lens	71	74	77	80	64	66	69	72
Lumens per Foot (305mm)[2]	Clear Lens	485	506	527	548	738	769	801	833
Center Beam Candela[2]	Clear Lens	-	-	737@0º	-	-	-	1127@0º	-
Watts per Foot (305mm)[2]		7	7	7	7	12	12	12	12
CRI		>90 min, 95 avg (3000K), >80, 85 avg (all others)				>90 min, 95 avg (3000K), >80, 85 avg (all others)			
Lumen Maintenance[3]		60,000 hours L80 @25ºC				60,000 hours L80 @25ºC			

NOTES & LIMITATIONS

[1]*Based on testing 4' rail section. Lumen measurement complies with IES-LM-79-08 testing procedures.*

[2]*L80 = 80% lumen maintenance (when light output drops below 80% of initial output). Ambient luminaire temperatures specified. Lumen maintenance calculations are based on lifetime prediction graphs supplied by LED source manufacturers. Calculations for white-light LED fixtures are based on measurements that comply with IES-LM-80-08 testing procedures.*
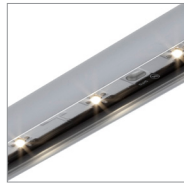
[3]

Zipper Board: Lens

Clear Lens

Flat Diffuse Lens

Round Diffuse Lens
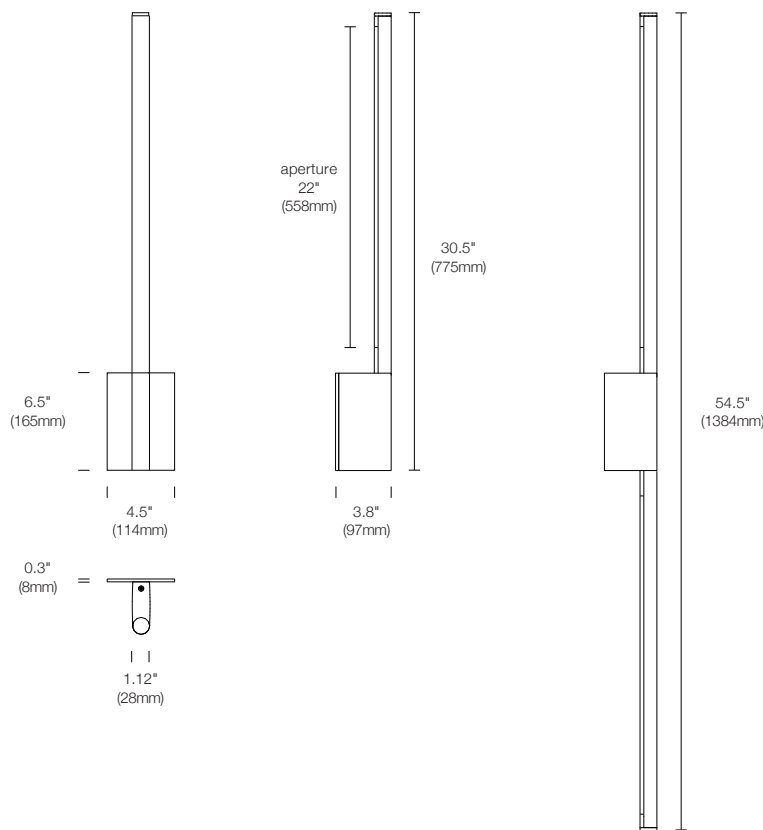
Button Board: Lens

Clear Lens

Materials

LED Board Construction	Aluminum MCPCB, PPT connectors, RoHS compliant.
Clear Lens	High-impact extruded acrylic glass (PMMA).
Diffuse Lens	High-impact extruded acrylic glass (PMMA).
Power Cable	Ø4mm, 18/2 AWG, plenum (CMP) rated semi-rigid PVC, flame test rated UL-910.
Cable Connectors	Unfilled black Nylon, rated UL 94 V-0, halogen free, PVC overmold, RoHS compliant.
Remote Power Housing	1/16" (0.8mm) formed steel, zinc chromate plating.

Dimensions

aperture
22"
(558mm)

30.5"
(775mm)

6.5"
(165mm)

54.5"
(1384mm)

4.5"
(114mm)

3.8"
(97mm)

0.3"
(8mm)

1.12"
(28mm)

Listed to UL standards for dry location by a Nationally
Recognized Testing Laboratory (NRTL) recognized by

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Build Your Specification

		CW			

System & Rail Type

207-RR Sconce LED, Single Rail with RaceRail

217-RR Sconce LED, Double Rail with RaceRail

Length

Single Rail (207-RR)
02 30.5" (775mm)

Double Rail (217-RR)
04 54.5" (1384mm)

Mounting

CW Wall

Power Location

Remote Power
RP No Jbox Cover Plate
RC Jbox Cover Plate

Power Type[1]

AA Non-dimming
AE 0-10v, 10% dimming
AT 0-10v, 1% dimming
AD DALI, 1% dimming
AH Lutron Hi-Lume, 1% dimming
AM DMX, control dimming
Z Other (please specify)

Voltage

1 120v
2 277v
4 240v

LED Type

Z Zipper Board
B Button Board

Lumen Output

SO Standard Output
HO High Output

Color Temperature

27 2700K
30 3000K
35 3500K
40 4000K
Z Non-standard Color Temperature (please specify)

Optics

Zipper Board (Z)

0 Clear Lens
1 Diffuse Flat Lens
2 Diffuse Round Lens
Z Other (please specify)

Button Board (B)

0 Clear Lens
Z Other (please specify)

Finish

AL Brushed Aluminum (stock)
WH White Painted Finish
BL Black Anodized Aluminum
Z Non-standard Finish (please specify)

NOTES & LIMITATIONS

[1]*Some drivers may not be compatible with your specification. See Driver Guide for details.*

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