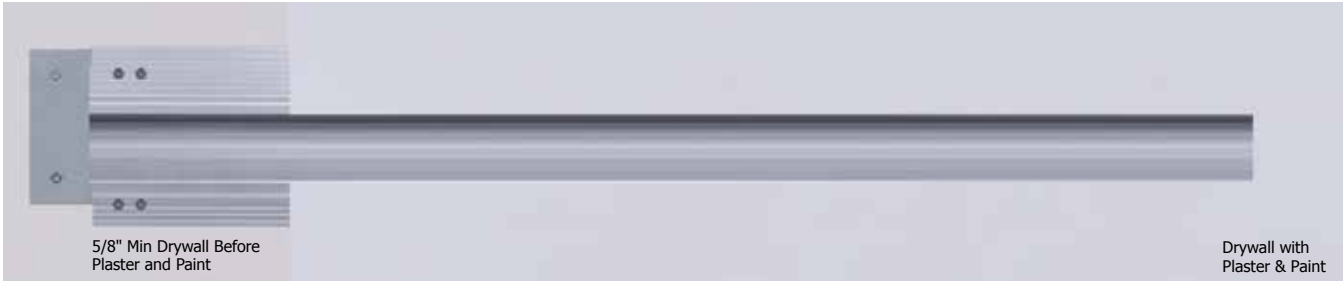


Reveal Wall Wash, 24VDC Plaster-In LED system

RVWW- _ - _ - _



Description: Reveal Wall Wash is a plaster-in, dimmable LED system that mounts within a 5/8" drywall ceiling 24" away from projected wall. System mounts directly to studs or between studs without joist modification. Multiple runs of channel mount seamlessly together, and may wrap inside corners to wash surrounding walls with uniform controlled illumination up to 95+ CRI. May be ordered in 5, 6, 7, or 10 watts per foot and requires a separate power feed every 100 watts. Channel is sold in 1 foot increments up to 20 feet (5WDC), 16 feet (6WDC), 12 feet (7WDC), or 10 feet (10WDC) and may be field-cut to any length. Fixture includes a 5 year warranty. ETL listed. Patent pending.

Design Note: Reveal Wall Wash segments link seamlessly to provide uniform illumination on walls and in corners. A separate power feed is required every 20 feet (5WDC), 16 feet (6WDC), 12 feet (7WDC), or 10 feet (10WDC).

Applications: Indoor Only — Wall wash, general lighting and retail applications

Lamp:

Watts per Foot	Lumens per Watt	Lumens per Foot	85+CRI 24K, 35K, 40K, 57K	90+CRI 2K4K	95+CRI 27K, 30K	RGB	RGBW
5WDC	51	210	•	•	•	•	
6WDC	N/A	N/A					•
7WDC	48	320	•		•		
10WDC	46	411	•		•		

Lumen values are based on the 3000K LED test.

Power Supply:

White LED system, compatible Electronic Low Voltage Dimming (ELV) 120VAC input:
 PSB-60W-ELV-24VDC (24VDC 60W output) | PSB-100W-ELV-24VDC (24VDC 100W output) |
 PSB-2X100W-ELV-24VDC (24VDC 2X100W output).

White LED system, compatible 0-10 Volt Dimming (010) 120-277VAC input:
 PSB-96W-010-24VDC (24VDC 96W output) | PSB-2X96W-010-24VDC (24VDC 2X96W output).

In-Wall Mounting Kits: PSB-60W-ELV-24VDC-IW | PSB-100W-ELV-24VDC-IW |
 PSB-2X100W-ELV-24VDC-IW | PSB-96W-010-24VDC-IW | PSB-2X96W-010-24VDC-IW

RGB and RGBW LED System: PSB-100W-24VDC-RGB (24VDC 100W output) |
 PSB-2X100W-24VDC-RGB (24VDC 2X100W output) | PSB-3X100W-24VDC-RGB (24VDC 3X100W output) |
 PSB-4X100W-24VDC-RGB (24VDC 4X100W output)

Dimming and Controls:

ELV Dimmers: Legrand: Adorne ADTH700RMTU ; Lutron: DIVA DVELV-300P, Skylark SELV-300P and Maestro MAELV-600. **010V Dimmers:** Lutron: Radio Ra2 (with GRX-TVI), Grafik Eye Qs (with GRX-TVI), Diva (with PP20); Nova T; Philips: Sunrise SR1200ZTUNV; Leviton: IP710-DL. **RGB Controls:** Touch Screen Controller with Power Supply (CTP), or Color Dial Controller with Power Supply (CDP).

Included Components: Reveal Wall Wash channels, LED Soft Strip, Reveal Wall Wash Junction Box, Take-Up Box and all mounting hardware.

REVEAL WALL WASH 24VDC ORDERING CODES

System	Wattage	Length in Feet	Color Temperature	Reflector Finish
RVWW	- 5WDC	- 20FT	- 27K	- SA
RVWW Reveal Wall Wash	5WDC 5 Watts/Foot 6WDC 6 Watts/ Foot (RGBW only) 7WDC 7.5 Watts/Foot 10WDC 10 Watts/Foot	1-20 Feet 6WDC 1 to 16 feet 7WDC 1 to 12 feet 10WDC 1 to 10 feet	24K 2400K Amber White 27K 2700K Very Warm White 95+CRI 30K 3000K Warm White 95+CRI 35K 3500K Neutral White 40K 4000K Cool White 57K 5700K Daylight White 2K4K 2000K-4100K Variable White (5WDC only) RGB Red, Green and Blue (5WDC only) RGBW Red, Green, Blue and 2000K White (6WDC only)	SA Satin Aluminum CH Chrome WH White

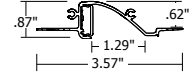
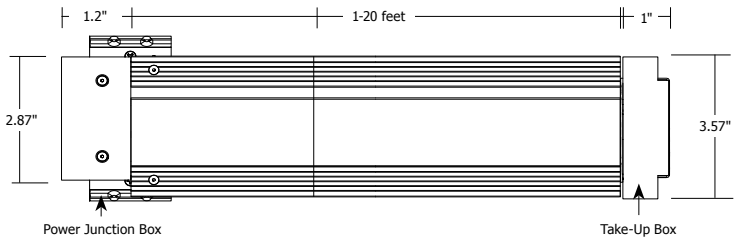
For custom design and layout assistance, send drawings to design@purelighting.com

COMPANY		FIXTURE TYPE		DATE	
PROJECT		APPROVED BY			

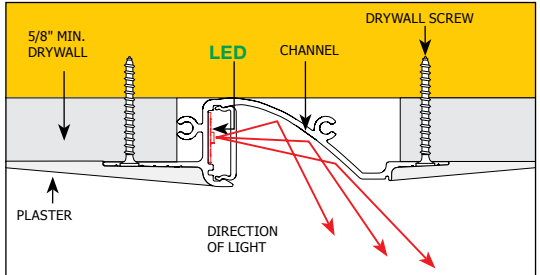
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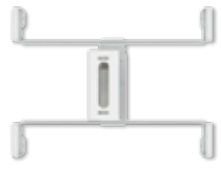




SECTION VIEW



INCLUDED COMPONENTS



REVEAL WALL WASH POWER JUNCTION BOX
 Slim profile junction box mounts behind drywall. Low voltage DC wires from remote power supply connect to LED wires. Junction box opening covered by Reveal Wall Wash channel.



REVEAL WALL WASH TAKE-UP BOX
 Prevent dark spots at end of run by tucking excess LED Soft Strip safely behind wall.



LED SOFT STRIP
 Commercial grade white or color-changing LED Soft Strip. See Lamp data on page 1 of spec sheet for additional details.

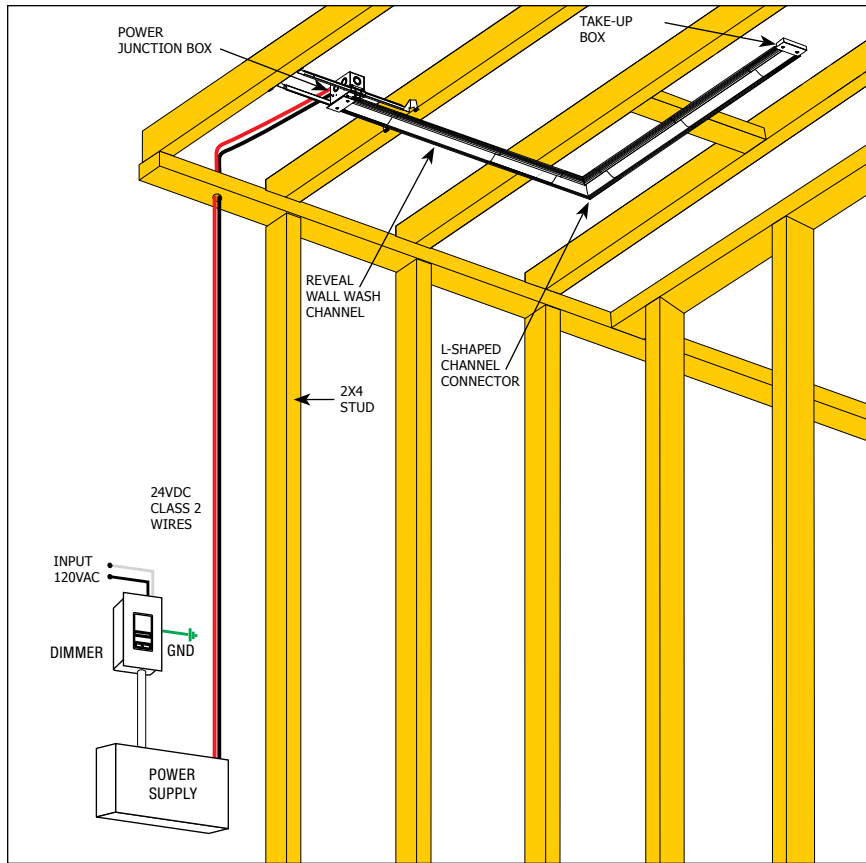
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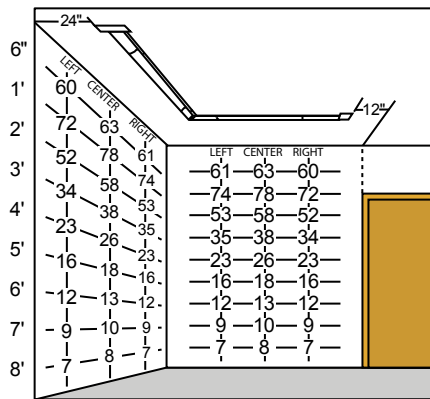
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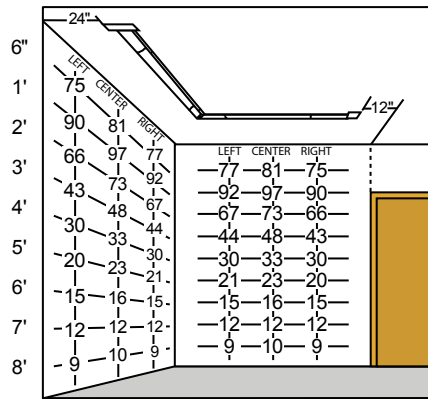
WALL WASH APPLICATION



**REVEAL WALL WASH
FOOT CANDLE DISTRIBUTION**
SHOWN WITH 7.5 WATT 3000K VERSION



**REVEAL WALL WASH
FOOT CANDLE DISTRIBUTION**
SHOWN WITH 10 WATT 3000K VERSION



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5 WATTS PER FOOT - 24K, 27K, 30K, 35K, 40K, 57K, 2K4K AND RGB LEDS

LENGTH IN FEET	WATTS
1	5
2	10
3	15
4	19
5	24

LENGTH IN FEET	WATTS
6	29
7	34
8	38
9	44
10	48

LENGTH IN FEET	WATTS
11	53
12	58
13	63
14	67
15	72

LENGTH IN FEET	WATTS
16	77
17	82
18	86
19	91
20	96

6 WATTS PER FOOT - RGBW LEDS

LENGTH IN FEET	WATTS
1	6
2	12
3	18
4	24

LENGTH IN FEET	WATTS
5	30
6	36
7	42
8	48

LENGTH IN FEET	WATTS
9	54
10	60
11	66
12	72

LENGTH IN FEET	WATTS
13	78
14	84
15	90
16	96

7.5 WATTS PER FOOT - 24K, 27K, 30K, 35K, 40K AND 57K LEDS

LENGTH IN FEET	WATTS
1	8
2	15
3	23

LENGTH IN FEET	WATTS
4	30
5	38
6	45

LENGTH IN FEET	WATTS
7	53
8	60
9	68

LENGTH IN FEET	WATTS
10	75
11	83
12	90

10 WATTS PER FOOT - 24K, 27K, 30K, 35K, 40K AND 57K LEDS

LENGTH IN FEET	WATTS
1	10
2	20
3	30

LENGTH IN FEET	WATTS
4	40
5	50
6	60

LENGTH IN FEET	WATTS
7	70
8	80
9	90

LENGTH IN FEET	WATTS
10	100

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