LIGHTOLIER
by signify

Downlighting

Decorative

PW Vetro Wall Sconces

Two-piece cast and machined aluminum outer housing contains electrical components. Hand-blown triplex glass provides an even spread of illumination along the length of the glass primary element.

Complete luminaire = Power Head + Glass Element

Project:

Location:

Cat.No:

Type:

Lamps: Qty:

Notes:

Power Head

Series	Wattage	Source	CCT	Finish	Voltage
PW	01	LW		SA	U
PW Decorative Wall Sconces	**01** 8W	**LW** LED	**27** 2700K **30** 3000K **35** 3500K **40** 4000K	**SA** Satin Aluminum	**U** Universal 120V/277V

Glass Element

Series	
	SG01L 10" Opal Glass **SG02L** 8" Opal Glass

Complete LED fixture consists of **Power Head** + **Glass Element**.

Features

1. **Power Head:** Comprised of die-cast and extruded aluminum components with a brushed clear lacquer finish.
2. **Backplate:** Die Cast Aluminum, Brushed and Clear Lacquer Finish.
3. **Element:** a 10" diameter (SG01L) or an 8" diameter (SG02L) cylindrical section of clear extruded glass with polished edges.
4. **Luminaire Mounting:** Luminaire can be mounted glass up, glass down or glass to either side (shown glass down above).

Electrical

Dimming: All configurations are non-dimmable.

LED Board: Array of high brightness white LEDs.

LED Thermal Management: Heat sink design maintains junction temperature for consistent, reliable performance and 50,000 hour lifetime at 70% lumen maintenance.

Labels

cULus Listed.
Suitable for damp locations.

Lamping

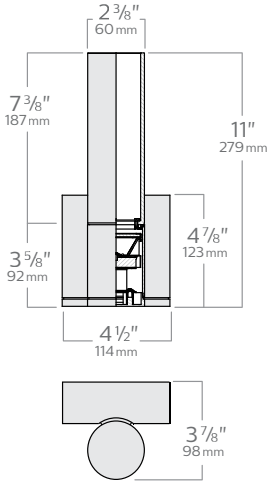
LED: 8W Max.

Input Voltage	Input Frequency	LED Drive Current	Input Power	Power Factor
120-277V	50/60Hz	350mA	8W	>0.9

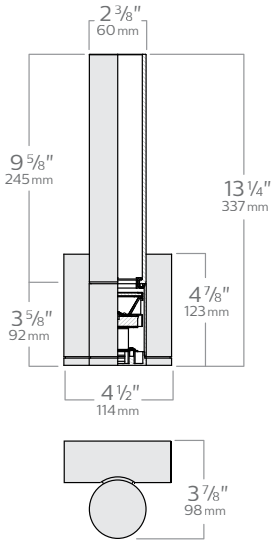
PW Vetro Wall Sconces

11" & 13 1/4" decorative luminaire

Dimensions



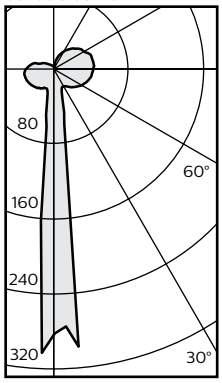
PW01L30SAU
SG02L or SA02L



PW01L30SAU
SG01L or SA01L

PW01LW30SAU w/SG01L, 8W, 800 Lumens.

Candela Curve



Report[1]: 209GFR

Output lumens:	401lms
Input Watts[2]:	7.7W
Efficacy:	52 lm/w
CCT[3]:	3000K
CRI:	>80 (min)

Zonal lumens & percentages

Zone	Lumens	%Luminaire
0-30	34	9%
0-40	51	13%
0-60	107	27%
0-90	229	57%
90-180	172	43%
0-180	401	100%

Candela Array		Vertical Angles	
Angle	**Mean CP**	**Angle**	**Mean CP**
0	282	90	45
5	260	95	45
10		100	
15	30	105	44
20		110	
25	24	115	41
30		120	
35	28	125	36
40		130	
45	33	135	31
50		140	
55	37	145	25
60		150	
65	41	155	18
70		160	
75	44	165	10
80		170	
85	44	175	0

Coefficients of utilization

Ceiling	80%			70%			50%			0%
Wall	70	50	10	70	50	10	50	30	10	0
RCR	Zonal cavity method - Effective floor reflectance = 20%									
Room Cavity Ratio 0	91	91	91	101	101	101	86	86	86	54
1	95	88	82	87	81	76	69	65	61	37
2	84	74	66	77	69	62	58	52	47	28
3	76	64	55	70	59	51	50	44	38	22
4	69	56	47	64	52	44	44	37	32	18
5	63	49	40	58	46	38	39	32	27	15
6	58	44	35	53	41	33	35	28	24	13
7	53	40	31	49	37	29	32	25	20	11
8	50	36	27	46	34	26	29	23	18	10
9	46	33	25	43	31	24	21	21	16	9
10	43	30	22	40	29	22	19	19	15	8

1. Tested using absolute photometry as specified in LM79: IESNA Approved Method for the Electrical and Photometric Measurements of Solid-State Lighting Products. Luminaire with glass tested by relative photometric method.
2. Wattage: controlled to within 5%
3. Correlated Color Temperature: within specs as defined in ANSI_NEMA_ANSLG C78.377-20 08: Specifications for the Chromaticity of Solid State Lighting Products.

Signify North America Corporation
200 Franklin Square Drive,
Somerset, NJ 08873
Telephone 855-486-2216

Signify Canada Ltd.
281 Hillmount Road,
Markham, ON, Canada L6C 2S3
Telephone 800-668-9008