

FLUXWERX®

SPECIFICATION DATA

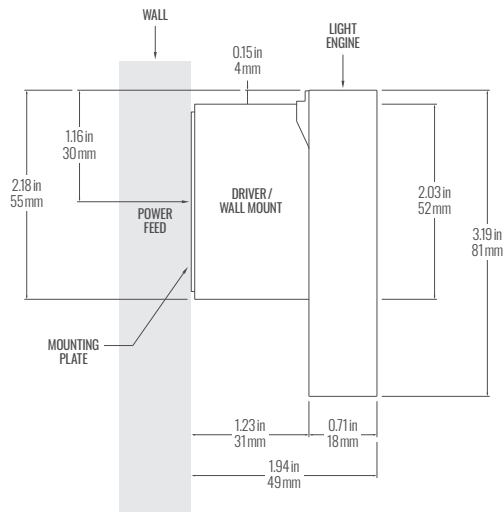
LINES ONWALL 1|2 FT (LW1-WS12)

CATALOG

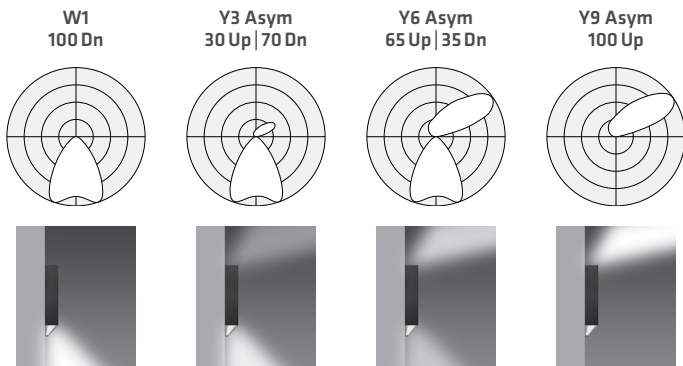
PROJECT

NOTES

CROSS SECTION



DISTRIBUTIONS



PERFORMANCE FOCUS

ASYM 30 Up | 70 Dn, 80 CRI 4000 K (LW1-W-Y3840)

Size		Energy (W)	Light (lm)	Efficacy (lm/W)
1 ft (100 Dn)	Z	8 W	950	120
1 2 ft	A	10 W	1100	120
1 2 ft	B	13 W	1500	124
1 2 ft	C	16 W	1950	127
1 2 ft	D	20 W	2400	122
2 ft	E	25 W	3050	123
2 ft	F	31 W	3800	124
Color Matching (SDCM)		Lumen Maintenance (hr)		
		L80 per TM21	L70 Estimate	
< 2		> 54,000	> 180,000	

Nominal values, refer to back pages for full performance data.

FEATURES

- High performance, ultra-slim (0.7") linear, perimeter mounted luminaire, matching Lines, Hyphen & Portal families.
- Advanced optics shape the light distribution for exceptional cut-off and comfort. An upper wide throw, asymmetric light distribution provides ceiling uniformity and room fill.
- 1ft, 2 ft, 4 ft, 6 ft and 8 ft lengths support a variety of spaces.
- Complementary endcap styles to choose from – Capsule or Flat.
- 4 up/down lighting distributions enable a range of lighting effects – 100 Dn, 100 Up, 30 Up | 70 Dn & 65 Up | 35 Dn.
- Hidden wall mounting system and power source for minimal install coordination.
- Light outputs from 800 lm (1ft) to over 3800 lm (2 ft) with efficacies to 125 lm/W.

Declare.



SPECIFICATION DATA

LINES ONWALL 1|2 FT (LW1-WS12)

ORDER GUIDE

1	2	3	4	5	6	7	8	9	10	11	12	OPTIONS	CONTROLS
LW1 – W													

1	FAMILY	2	VERSION	3	SIZE	4	APPLICATION	5	ENDCAP
LW1	Lines Wall	–	W Onwall	S1 1ft S2 2ft		D Drywall R Remote Driver		FF Flat PP Capsule	

6	FINISH	7	DISTRIBUTION	8	CRI	9	CCT	10	ENERGY ¹
BB	Black Powdercoat	W1	100 Dn	8	80 CRI	27	2700 K	1 FT	2 FT
SS	Metallic Silver Powdercoat	Y3	Asym 30 Up 70 Dn	9	90 CRI	30	3000 K	Z 8 W ²	A 10 W
WW	White Powdercoat	Y6	Asym 65 Up 35 Dn			35	3500 K	A 10 W	B 13 W
CC	Custom Color (RAL)	Y9	Asym 100 Up			40	4000 K	C 16 W ²	D 20 W
								D 20 W ²	E 25 W F 31 W ³

¹ Nominal input power. Add 4W for Battery Pack or 2W for 347V.
² 1ft: 100 Dn Z-B, Up/Dn A-D, 100 Up A-C.
³ 2ft: 100 Dn (W1) max E.

11	DRIVER	12	VOLTAGE	OPTIONS	CONTROLS	
F1	Non-Dim	M	120–277 V	B Battery Pack ⁸	TYPE & LOCATION ¹¹	BRAND & PROTOCOL ¹¹
F2	0–10 V Dim 3%	1	120 V ⁶	C Chicago CCEA ¹⁰	R Remote Sensor / Controller on Ceiling V Controller on Remote Enclosure Y Controller on Fixture / Room side	N1 Acuity nLight Wired ¹²
F4	Line Voltage Dim (Fwd/Rev) 3% 120 V	2	277 V ⁶	H Emergency Switch ^{8,9} (GTD or Controller)		N2 Acuity nLight Air r10 ¹²
E1	eldoLED ECO 0–10 V Dim 1%	3	347 V ⁷			N3 Acuity nLight Air RPP20 ¹²
E2	eldoLED SOLO 0–10 V Dim 0.1%					L1 Lutron Athena Wireless
E3	eldoLED ECO DALI-2 DT6 Dim 1%					M1 Legrand Wattstopper PLUS
E4	eldoLED SOLO DALI-2 DT6 Dim 0.1%					V1 Leviton Intellect Wireless
L1	Lutron Hi-Lume 1% EcoSystem (LDE1) ⁴					
L3	Lutron Hi-Lume 0.1% EcoSystem (PEQO) ⁵					
		⁶ Fixed voltage only for (F4) Line Dim Driver or nLight controls.		⁸ Remote mounted BP & GTD.	¹¹ Controls selection may be limited by version, protocol or other features – see Controls page.	
		⁷ 347V: Remote with transformer except 2 ft F1/F2.		⁹ GTD not compatible with (F4) Line Dim driver.		
				¹⁰ For Remote driver.		
⁴ L1: 1ft Remote only, min Energy A.					¹² nLight: Controller (V,Y) only.	
⁵ L3: Remote only, Energy A-D.						

ENDCAP OPTIONS

FLAT (FF)

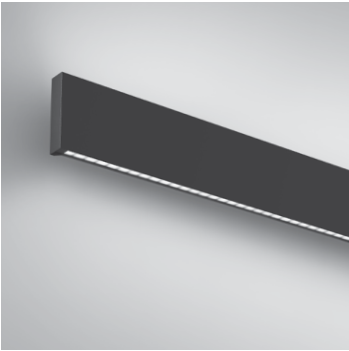


CAPSULE (PP)

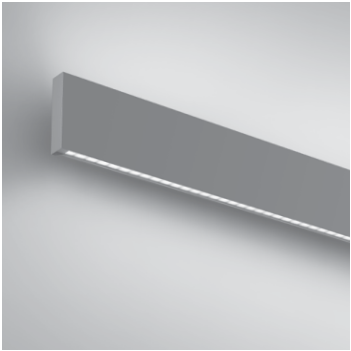


FINISHES

All finishes high temperature powder coated.



(B) BLACK



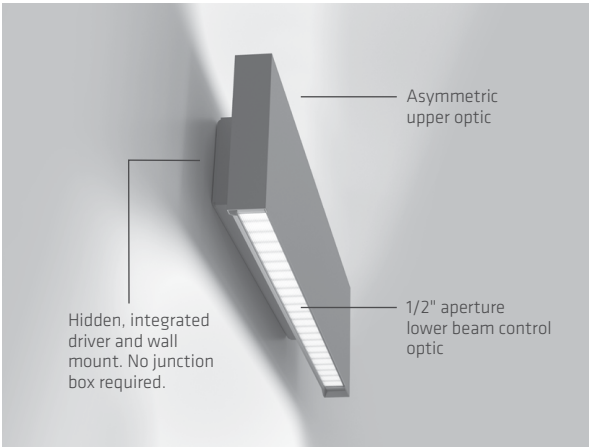
(S) SILVER



(W) WHITE



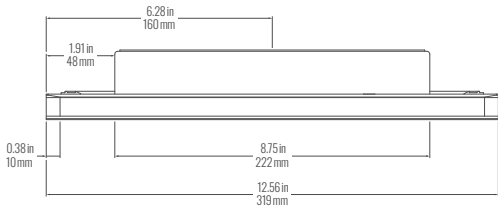
PRODUCT DETAILS



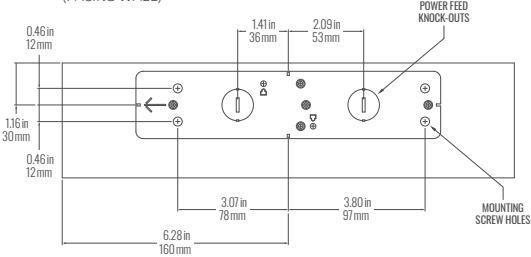
DIMENSIONS

1 FT

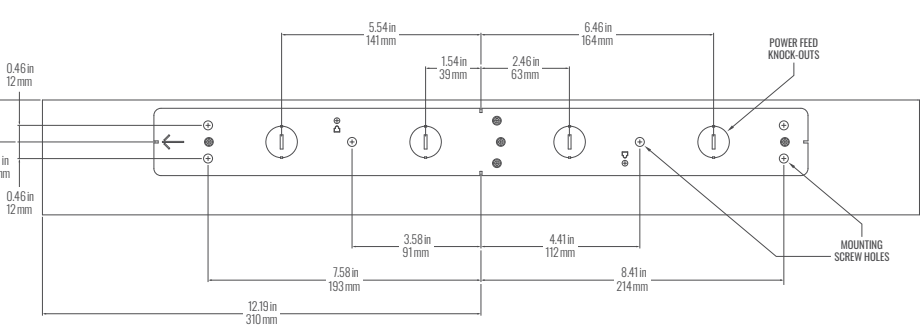
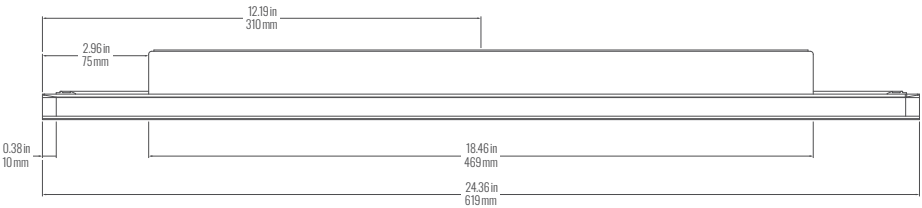
REFLECTED PLAN VIEW



MOUNTING PLATES
 (FACING WALL)



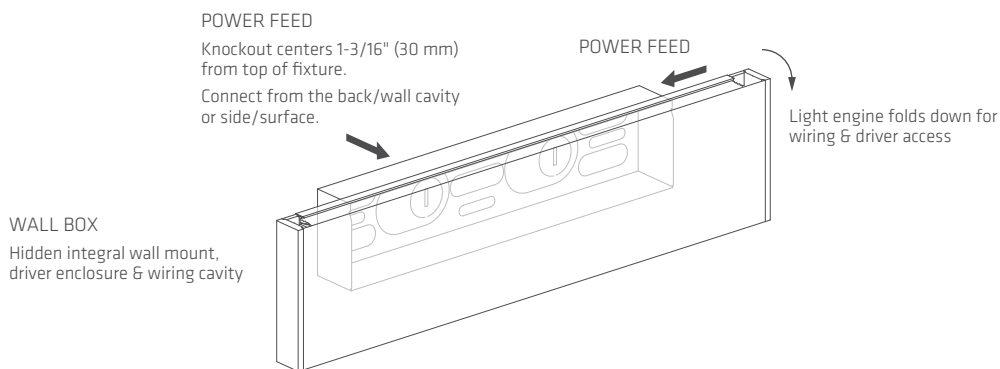
2 FT



WALL INTEGRATION

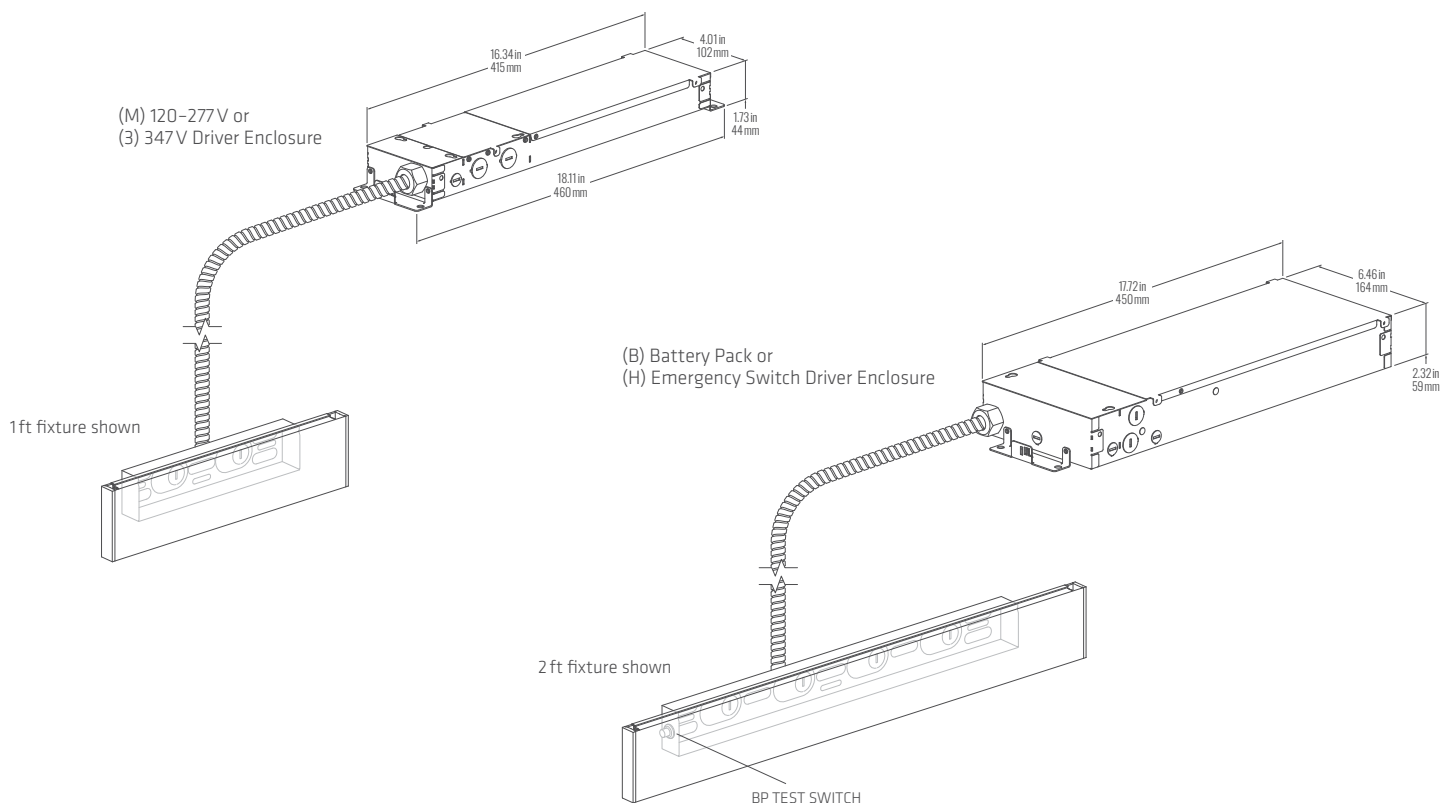
(D) DRYWALL

For GWB, wood panel.



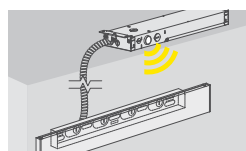
(R) REMOTE DRIVER

External remote mounted driver, Battery Pack or GTD.
See Notes for recommended wire gauge.

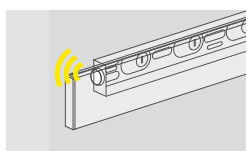


CONTROLS & SENSORS

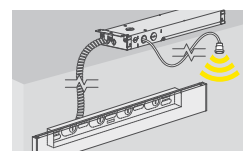
LUMINAIRE INTEGRATION



V
Controller,
Remote Enclosure



Y
Controller,
Fixture/Room Side

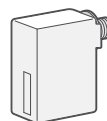


R
Sensor,
Remote/on Ceiling

(N1) Acuity
nLight Wired



nLight wired, digital network.
Model: nPS-80-EZ or nPS-80-EZ-ER
(with **H** – Emergency Switching)

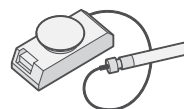


VN1 nLight Wired Controller, Remote Enclosure

(N2, N3) Acuity
nLight Air



Acuity nLight wireless network
interfaces.
Models: rIO, rPP20



VN2 nLight rIO Controller, Remote Enclosure
YN2 nLight rIO Controller, Fixture/Room Side
VN3 nLight rPP20 Controller, Remote Enclosure

(L1) Lutron
Athena



Lutron Athena wireless smart
controllers & sensors.
Models: A-WN-D01-RF, A-WN-D01-OCC
For YL1 and SL1:
Default Athena color to match fixture/canopy color
Canopy Athena
WH WH
SV BK
BK BK
For VL1 and RL1: default WH

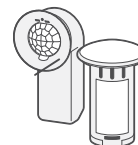


VL1 Athena Controller, Remote Enclosure
YL1 Athena Controller, Fixture/Room Side
RL1 Athena Sensor, Remote/on Ceiling

(M1) Legrand
Wattstopper
PLUS



Wattstopper PLUS wireless smart
controllers & sensors.
Models: ZBHA-CLM, EN-CLM-PIR

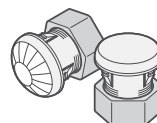


VM1 Wattstopper PLUS Control Module,
Remote Enclosure
YM1 Wattstopper PLUS Control Module,
Fixture/Room Side
RM1 SensiLUM Sensor, Remote/on Ceiling

(V1) Leviton
Intellect



Leviton Intellect wireless smart
controllers & sensors.
Models: ZL0x0, ZL0xS



VV1 Intellect Controller, Remote Enclosure
YV1 Intellect Controller, Fixture/Room Side
RV1 Intellect Sensor, Remote/on Ceiling

Ask us about...

Pass & Seymour®

EATON

DISTECH
CONTROLS

CRESTRON

CASAMBI

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Due to continuous product improvements, specifications and dimensions are subject to change without notice.
Certain options have limited compatibility with some other product selections. Consult www.fluxwerx.com for most current technical information.

Spec-Fluxwerx-LinesOnwall-1-2ft-na-en | 2025-04

SPECIFICATION DATA

LINES ONWALL 1|2 FT (LW1-WS12)

NOTES

CONSTRUCTION

- Architectural grade aluminum and 22 ga. steel housings
- Housing designed for new build or retrofit mounting onto a GWB cavity wall
- White, metallic silver or black textured powdercoat standard finishes

OPTICAL

- Precision molded high transmittance clear acrylic lenses
- Long life LED system designed for typical TM21 lumen maintenance $\geq$ L80 @ 54,000 h
- Available in 2700 K, 3000 K, 3500 K, 4000 K with CRI $\geq$ 80 and R9 $\geq$ 0, or CRI $\geq$ 90 and R9 $\geq$ 50, all with color accurate binning $\leq$ 2 SDCM

ELECTRICAL

- Integral high efficiency drivers for 50–60 Hz, 120–277 V or 347 V
- Power Factor > 0.9
 - Driver F1, F2, F4
 - Driver E1–E4, Energy B–F
 - Driver L1, Energy C–F
- Total Harmonic Distortion $< 20\%$ Driver E1–E4, Energy A–F $< 23\%$ Driver F1, F2, F4
- Dim level: Standard 3%, optional 1% or 0.1%
- Surge Protection: Meets ANSI C82.11 spec and ANSI/IEEE C62.41
- Inrush Current: Meets NEMA 410

EMERGENCY

- Optional Battery Pack delivers 10 W Class 2 rated output for 90 min. See Family Performance for estimated emergency output
- Optional GTD (Generator Transfer Switch), 120–277 V, disables 0–10 V or DALI control during emergency for full light output

WIRE GAUGE

- Recommended low voltage wire gauge (AWG) for minimal losses over distance when REMOTE mounting:
 - 30 ft | 18 ga
 - 50 ft | 14 ga
 - 80 ft | 12 ga

ENVIRONMENTAL & CARE

- Designed for use in dry or damp indoor locations with ambient temperatures of 0–30°C (32–86°F)
- The luminaire may be damaged by chemicals such as chlorine, solvents, ammonia, alcohol or sulfur in the area of operation or in cleaning products. Damage from contaminants is not covered under warranty.
- Not suitable for natatorium environments, e.g. swimming pools, hot tubs and saunas.
- Clean only by wiping with a slightly water-damp, soft, clean cloth.

WEIGHT

- 1 ft: Maximum 3.3 lbs (1.5 kg) or 6.8 lbs (3.1 kg) with battery pack / 347 V transformer
- 2 ft: Maximum 4.4 lbs (2.0 kg) or 7.9 lbs (3.6 kg) with battery pack / 347 V transformer

WARRANTY

- 5 year limited warranty on all components and workmanship

INDEPENDENT TESTING

- IESNA LM79 (Pending)
- IESNA LM80 (LED @ 9,000 hr)

APPROVALS

- UL Listed (USA + Canada)
- CCEA Chicago Plenum
- Living Building Challenge (LBC) Declared

DRIVERS + EMERGENCY

STANDARD DRIVER OPTIONS	
OPTOTRONIC® ADVANCE 	F1 Non-Dim F2 0–10 V Dim 3% F4 Line Voltage Dim 3% (Forward/Reverse) 120 V
	E1 eldoLED ECO 0–10 V Dim 1% E2 eldoLED SOLO 0–10 V Dim 0.1% E3 eldoLED ECO DALI-2 DT6 Dim 1% E4 eldoLED SOLO DALI-2 DT6 Dim 0.1%
	L1 Lutron Hi-Lume 1% EcoSystem (LDE1) L3 Lutron Hi-Lume Premier 0.1% EcoSystem (PEQ0)

EMERGENCY OPTIONS	
 	B Battery Pack Bodine BSL310 (10 W) H Emergency Switching Functional Devices ESRB Emergency Lighting Relay

Driver and emergency selection may be limited by product or version.
For further options, contact Fluxwerx.

SPECIFICATION DATA
LINES ONWALL 1|2 FT (LW1-WS12)

FAMILY PERFORMANCE

COLOR

80 CRI	4000 K	3500 K	3000 K
Color Rendering (CRI)	83	82	81
Red Index (R ₉)	9	2	1
Fidelity (TM-30 R _f)	84	84	84
Gamut (TM-30 R _g)	94	95	94
Color Matching (SDCM)	< 2		

90 CRI	4000 K	3500 K	3000 K
Color Rendering (CRI)	94	93	92
Red Index (R ₉)	63	62	61
Fidelity (TM-30 R _f)	90	89	88
Gamut (TM-30 R _g)	96	97	96
Color Matching (SDCM)	< 2		

Typical colorimetry values.

LUMEN MAINTENANCE

8 W (Z) – 31 W (F)	
L80 per TM-21 (hr)	> 54,000
L70 per TM-21 (hr)	> 180,000

OUTPUT MULTIPLIERS

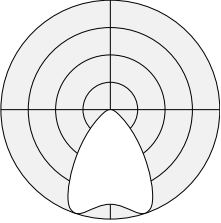
MULTIPLIER	Applies To	
90 CRI	0.84	All 80 CRI
Battery Pack – 1 ft (S1)	0.87	Energy B (13 W)
Battery Pack – 2 ft (S2)	0.95	

FINISH	100 Dn (W1)	30 70 (Y3)	65 35 (Y6)	100 Up (Y9)
Black	0.89	0.90	0.91	0.94
Metallic Silver	0.93	0.93	0.94	0.96

For 90 CRI, emergency BP or non-white fixtures, use multipliers to scale published Light (lm), Efficacy (lm/W), Intensity (Cd), Luminance (Cd/m²) and IES files.

VERSION PERFORMANCE – 1 ft (S1)

W1 – 100 Dn, 80 CRI

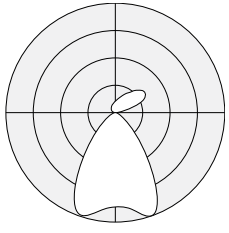
CONFIGURATION			LIGHT & POWER				VISUAL COMFORT		LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm)	POWER (W)	EFFICACY (lm/W)	MAX BEAM INTENSITY (Cd)	MAX INTENSITY 45–90° (Cd)	UGR (4H x 8H)	
LW1-WS1-W1840 4000 K	Z	8 W	949	7.90	120.0	618	204	>25	 Lines Onwall W1 100% Dn
	A	10 W	1242	10.21	121.6	809	267	>25	
	B	13 W	1617	13.76	117.5	1,053	348	>25	
LW1-WS1-W1835 3500 K	Z	8 W	940	7.90	118.9	612	202	>25	
	A	10 W	1230	10.21	120.5	801	264	>25	
	B	13 W	1602	13.76	116.4	1,043	344	>25	
LW1-WS1-W1830 3000 K	Z	8 W	918	7.90	116.2	598	198	>25	
	A	10 W	1202	10.21	117.7	782	258	>25	
	B	13 W	1565	13.76	113.7	1,019	337	>25	
LW1-WS1-W1827 2700 K	Z	8 W	876	7.90	110.8	570	188	>25	
	A	10 W	1146	10.21	112.3	746	246	>25	
	B	13 W	1493	13.76	108.5	972	321	>25	

SPECIFICATION DATA

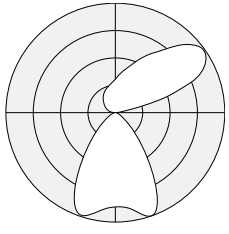
LINES ONWALL 1|2 FT (LW1-WS12)

VERSION PERFORMANCE – 1ft (S1)

Y3 – Asymmetric 30 Up | 70 Dn, 80 CRI

CONFIGURATION			LIGHT & POWER				VISUAL COMFORT		LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm)	POWER (W)	EFFICACY (lm/W)	MAX BEAM INTENSITY (Cd)	MAX INTENSITY 45-90° (Cd)	UGR (4H x 8H)	
LW1-WS1-Y3840 4000 K	A	10 W	1144	10.21	112.1	534	172	22.7	 Lines Onwall Y3 Asymmetric 28% Up 72% Dn
	B	13 W	1588	13.31	119.3	741	238	23.8	
	C	16 W	1875	16.13	116.2	874	281	24.4	
	D	20 W	2357	20.03	117.7	1,100	353	>25	
LW1-WS1-Y3835 3500 K	A	10 W	1134	10.21	111.1	529	170	22.6	
	B	13 W	1573	13.31	118.2	734	236	23.8	
	C	16 W	1857	16.13	115.1	866	278	24.3	
	D	20 W	2335	20.03	116.6	1,089	350	>25	
LW1-WS1-Y3830 3000 K	A	10 W	1108	10.21	108.5	517	166	22.5	
	B	13 W	1537	13.31	115.5	717	230	23.7	
	C	16 W	1950	14.67	132.9	846	272	24.3	
	D	20 W	2281	20.03	113.9	1,064	342	>25	
LW1-WS1-Y3827 2700 K	A	10 W	1056	10.21	103.5	493	158	22.4	
	B	13 W	1466	13.31	110.1	684	220	23.5	
	C	16 W	1730	16.13	107.3	807	259	24.1	
	D	20 W	2176	20.03	108.6	1,015	326	24.9	

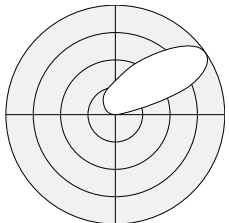
Y6 – Asymmetric 65 Up | 35 Dn, 80 CRI

CONFIGURATION			LIGHT & POWER				VISUAL COMFORT		LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm)	POWER (W)	EFFICACY (lm/W)	MAX BEAM INTENSITY (Cd)	MAX INTENSITY 45-90° (Cd)	UGR (4H x 8H)	
LW1-WS1-Y6840 4000 K	A	10 W	1050	9.63	109.0	247	82	15.1	 Lines Onwall Y6 Asymmetric 66% Up 34% Dn
	B	13 W	1433	12.82	111.8	337	113	16.2	
	C	16 W	1800	15.50	116.1	423	141	16.9	
	D	20 W	2221	19.10	116.3	522	174	17.7	
LW1-WS1-Y6835 3500 K	A	10 W	1040	9.63	108.0	244	82	15.0	
	B	13 W	1420	12.82	110.8	334	112	16.1	
	C	16 W	1783	15.50	115.0	419	140	16.9	
	D	20 W	2200	19.10	115.2	517	173	17.6	
LW1-WS1-Y6830 3000 K	A	10 W	1016	9.63	105.5	239	80	15.0	
	B	13 W	1387	12.82	108.2	326	109	16.0	
	C	16 W	1742	15.50	112.3	409	137	16.8	
	D	20 W	2149	19.10	112.5	505	169	17.6	
LW1-WS1-Y6827 2700 K	A	10 W	969	9.63	100.6	228	76	14.8	
	B	13 W	1323	12.82	103.2	311	104	15.9	
	C	16 W	1661	15.50	107.2	390	130	16.7	
	D	20 W	2050	19.10	107.3	482	161	17.4	

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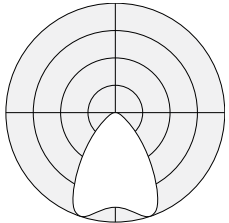
LINES ONWALL 1|2 FT (LW1-WS12)

Y9 – Asymmetric 100 Up, 80 CRI

CONFIGURATION			LIGHT & POWER				VISUAL COMFORT		LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm)	POWER (W)	EFFICACY (lm/W)	MAX BEAM INTENSITY (Cd)	MAX INTENSITY 45-90° (Cd)	UGR (4H x 8H)	
LW1-WS1-Y9840 4000 K	A	10 W	984	10.00	98.4	-	-	-	 Lines Onwall Y9 Asymmetric 100% Up
	B	13 W	1343	13.31	101.0	-	-	-	
	C	16 W	1586	15.74	100.7	-	-	-	
LW1-WS1-Y9835 3500 K	A	10 W	975	10.00	97.5	-	-	-	
	B	13 W	1331	13.31	100.0	-	-	-	
	C	16 W	1571	15.74	99.8	-	-	-	
LW1-WS1-Y9830 3000 K	A	10 W	952	10.00	95.2	-	-	-	
	B	13 W	1300	13.31	97.7	-	-	-	
	C	16 W	1535	15.74	97.5	-	-	-	
LW1-WS1-Y9827 2700 K	A	10 W	908	10.00	90.8	-	-	-	
	B	13 W	1240	13.31	93.2	-	-	-	
	C	16 W	1464	15.74	93.0	-	-	-	

VERSION PERFORMANCE – 2 ft (S2)

W1 – 100 Dn, 80 CRI

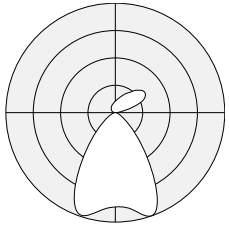
CONFIGURATION			LIGHT & POWER				VISUAL COMFORT		LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm)	POWER (W)	EFFICACY (lm/W)	MAX BEAM INTENSITY (Cd)	MAX INTENSITY 45-90° (Cd)	UGR (4H x 8H)	
LW1-WS2-W1840 4000 K	A	10 W	1223	9.49	128.9	796	263	>25	 Lines Onwall W1 100% Dn
	B	13 W	1610	12.65	127.2	1,048	346	>25	
	C	16 W	2077	16.10	129.0	1,353	447	>25	
	D	20 W	2566	21.53	119.2	1,671	552	>25	
	E	25 W	3258	27.24	119.6	2,122	701	>25	
LW1-WS2-W1835 3500 K	A	10 W	1212	9.49	127.7	789	261	>25	
	B	13 W	1595	12.65	126.1	1,038	343	>25	
	C	16 W	2058	16.10	127.8	1,340	442	>25	
	D	20 W	2542	21.53	118.1	1,656	547	>25	
	E	25 W	3227	27.24	118.5	2,102	694	>25	
LW1-WS2-W1830 3000 K	A	10 W	1183	9.49	124.7	771	254	>25	
	B	13 W	1558	12.65	123.1	1,014	335	>25	
	C	16 W	2010	16.10	124.8	1,309	432	>25	
	D	20 W	2483	21.53	115.4	1,617	534	>25	
	E	25 W	3153	27.24	115.7	2,053	678	>25	
LW1-WS2-W1827 2700 K	A	10 W	1129	9.49	118.9	735	243	24.9	
	B	13 W	1486	12.65	117.5	968	320	>25	
	C	16 W	1917	16.10	119.1	1,249	412	>25	
	D	20 W	2369	21.53	110.0	1,543	510	>25	
	E	25 W	3007	27.24	110.4	1,958	647	>25	

SPECIFICATION DATA

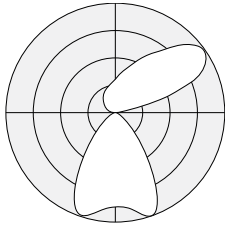
LINES ONWALL 1|2 FT (LW1-WS12)

VERSION PERFORMANCE – 2 ft (S2)

Y3 – Asymmetric 30 Up | 70 Dn, 80 CRI

CONFIGURATION			LIGHT & POWER				VISUAL COMFORT		LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm)	POWER (W)	EFFICACY (lm/W)	MAX BEAM INTENSITY (Cd)	MAX INTENSITY 45-90° (Cd)	UGR (4H x 8H)	
LW1-WS2-Y3840 4000 K	A	10 W	1127	9.40	120.0	526	169	20.2	 Lines Onwall Y3 Asymmetric 28% Up 72% Dn
	B	13 W	1532	12.36	124.0	715	230	21.3	
	C	16 W	1945	15.34	126.8	907	292	22.1	
	D	20 W	2423	19.81	122.3	1,131	363	22.9	
	E	25 W	3078	25.09	122.7	1,436	461	23.7	
	F	31 W	3808	30.81	123.6	1,777	571	24.4	
LW1-WS2-Y3835 3500 K	A	10 W	1117	9.40	118.8	521	167	20.2	
	B	13 W	1518	12.36	122.8	708	228	21.2	
	C	16 W	1927	15.34	125.6	899	289	22.1	
	D	20 W	2401	19.81	121.2	1,120	360	22.8	
	E	25 W	3049	25.09	121.5	1,422	457	23.7	
	F	31 W	3772	30.81	122.4	1,760	565	24.4	
LW1-WS2-Y3830 3000 K	A	10 W	1091	9.40	116.1	509	164	20.1	
	B	13 W	1483	12.36	120.0	692	222	21.2	
	C	16 W	1882	15.34	122.7	878	282	22.0	
	D	20 W	2345	19.81	118.4	1,094	352	22.7	
	E	25 W	2978	25.09	118.7	1,390	446	23.6	
	F	31 W	3685	30.81	119.6	1,719	552	24.3	
LW1-WS2-Y3827 2700 K	A	10 W	1041	9.40	110.7	485	156	19.9	
	B	13 W	1414	12.36	114.4	660	212	21.0	
	C	16 W	1795	15.34	117.0	838	269	21.8	
	D	20 W	2237	19.81	112.9	1,044	335	22.6	
	E	25 W	2841	25.09	113.2	1,325	426	23.4	
	F	31 W	3515	30.81	114.1	1,640	527	24.2	

Y6 – Asymmetric 65 Up | 35 Dn, 80 CRI

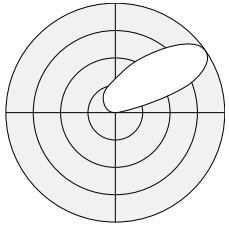
CONFIGURATION			LIGHT & POWER				VISUAL COMFORT		LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm)	POWER (W)	EFFICACY (lm/W)	MAX BEAM INTENSITY (Cd)	MAX INTENSITY 45-90° (Cd)	UGR (4H x 8H)	
LW1-WS2-Y6840 4000 K	A	10 W	1025	9.15	112.0	241	80	12.6	 Lines Onwall Y6 Asymmetric 66% Up 34% Dn
	B	13 W	1424	12.09	117.8	334	112	13.7	
	C	16 W	1812	15.01	120.7	426	142	14.6	
	D	20 W	2280	18.79	121.3	536	179	15.4	
	E	25 W	2911	23.60	123.3	684	229	16.2	
	F	31 W	3605	29.29	123.0	847	283	17.0	
LW1-WS2-Y6835 3500 K	A	10 W	1016	9.15	111.0	239	80	12.6	
	B	13 W	1411	12.09	116.7	331	111	13.7	
	C	16 W	1796	15.01	119.6	422	141	14.5	
	D	20 W	2259	18.79	120.2	531	178	15.3	
	E	25 W	2884	23.60	122.2	678	226	16.2	
	F	31 W	3571	29.29	121.9	839	280	16.9	
LW1-WS2-Y6830 3000 K	A	10 W	992	9.15	108.4	233	78	12.5	
	B	13 W	1378	12.09	114.0	324	108	13.6	
	C	16 W	1754	15.01	116.8	412	138	14.4	
	D	20 W	2207	18.79	117.4	518	173	15.2	
	E	25 W	2817	23.60	119.4	662	221	16.1	
	F	31 W	3488	29.29	119.1	820	274	16.8	
LW1-WS2-Y6827 2700 K	A	10 W	946	9.15	103.4	222	74	12.3	
	B	13 W	1314	12.09	108.7	309	103	13.4	
	C	16 W	1673	15.01	111.4	393	131	14.3	
	D	20 W	2105	18.79	112.0	495	165	15.1	
	E	25 W	2687	23.60	113.8	631	211	15.9	
	F	31 W	3327	29.29	113.6	782	261	16.7	

SPECIFICATION DATA

LINES ONWALL 1|2 FT (LW1-WS12)

VERSION PERFORMANCE – 2 ft (S2)

Y9 – Asymmetric 100 Up, 80 CRI

CONFIGURATION			LIGHT & POWER				VISUAL COMFORT		LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm)	POWER (W)	EFFICACY (lm/W)	MAX BEAM INTENSITY (Cd)	MAX INTENSITY 45-90° (Cd)	UGR (4H x 8H)	
LW1-WS2-Y9840 4000 K	A	10 W	961	9.50	101.1	-	-	-	 Lines Onwall Y9 Asymmetric 100% Up
	B	13 W	1334	12.55	106.3	-	-	-	
	C	16 W	1648	15.41	107.0	-	-	-	
	D	20 W	2113	19.60	107.8	-	-	-	
	E	25 W	2697	24.70	109.2	-	-	-	
	F	31 W	3340	30.66	108.9	-	-	-	
LW1-WS2-Y9835 3500 K	A	10 W	952	9.50	100.2	-	-	-	
	B	13 W	1322	12.55	105.3	-	-	-	
	C	16 W	1633	15.41	106.0	-	-	-	
	D	20 W	2093	19.60	106.8	-	-	-	
	E	25 W	2672	24.70	108.2	-	-	-	
	F	31 W	3309	30.66	107.9	-	-	-	
LW1-WS2-Y9830 3000 K	A	10 W	930	9.50	97.8	-	-	-	
	B	13 W	1291	12.55	102.9	-	-	-	
	C	16 W	1595	15.41	103.5	-	-	-	
	D	20 W	2045	19.60	104.3	-	-	-	
	E	25 W	2610	24.70	105.7	-	-	-	
	F	31 W	3232	30.66	105.4	-	-	-	
LW1-WS2-Y9827 2700 K	A	10 W	887	9.50	93.3	-	-	-	
	B	13 W	1232	12.55	98.1	-	-	-	
	C	16 W	1521	15.41	98.7	-	-	-	
	D	20 W	1951	19.60	99.5	-	-	-	
	E	25 W	2490	24.70	100.8	-	-	-	
	F	31 W	3083	30.66	100.6	-	-	-	

Photometry Reports: 15316229.15 – 29, 15460735.01 – 05, 15504506.16 – 32

Photometry baseline established with integrating sphere and goniophotometer results from an independent accredited testing laboratory per IES LM-79, ANSI 78.377. Remaining values scaled from baseline data. Output and power may vary by up to 5%.