

Day-Brite

CFI

by  Signify



Recessed

Wal-Lyter LED asymmetric

2' or 4', 1700 or 3500 lumens,
specular reflector



Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Day-Brite / CFI Wal-Lyter LED asymmetric is a high performance wall wash luminaire that delivers good light levels and an even wash of light. Low-iridescent specular reflectors do not protrude below the ceiling line. This provides a clean appearance while controlling the light output of high efficiency LED boards to illuminate vertical surfaces uniformly.

Ordering guide

Example: **WLRN35L835-4-UNV-GLR**

Family	Ceiling Type	Reflector	Lumen Package	Color Temperature	Length	Voltage	Options
<input type="checkbox"/> WL	<input type="checkbox"/> R	<input type="checkbox"/> N		—	—	—	
WL Wal-Lyter low iridescent specular wallwash	R Recessed	N Low iridescent specular aluminum standard	17L 1700 nominal delivered lumens (2') 35L 3500 nominal delivered lumens (4')	835 80 CRI, 3500K 840 80 CRI, 4000K	2 2' 4 4'	UNV Universal Voltage, 120-277V 120 120V 277 277V 347 347V	F1 3/8" flex, 3 wire 18 gauge 6' GLR Fusing, fast blow

Accessories (order separately)

- **WL2DF/UNV** – drywall kit, 2'
- **WL4DF/UNV** – drywall kit, 4'



WLRN Wal-Lyter LED asymmetric

2' 1700 lumens or 4' 3500 lumens, specular reflector

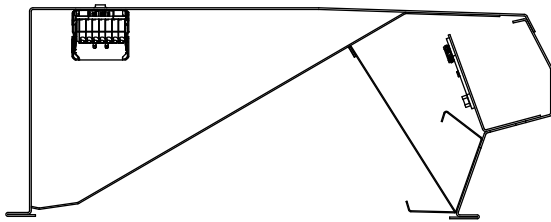
Features

- Low iridescent specular reflective system for precise controlled light output.
- Evenly lights vertical surfaces or displays.
- High efficiency LEDs have a minimum 50,000 hour rated life (L70.)
- Fits all lay-in grid ceiling systems.
- One-piece body and adjustable integral hanger for easy, quick installation.
- UL Listed access plate.
- Five year limited luminaire warranty includes LED boards and driver

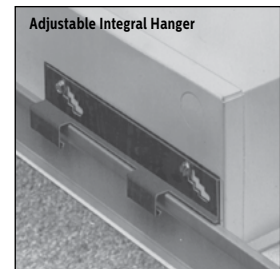
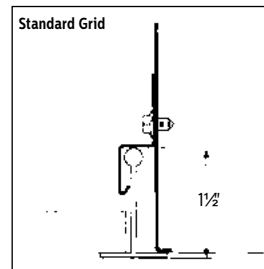
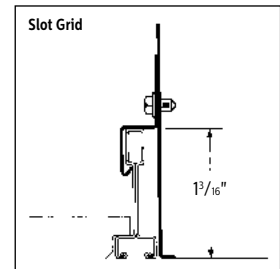
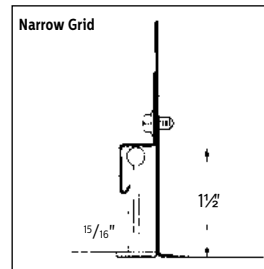
Specifications

- **Materials:** Chassis parts are die-formed code 20 gauge cold rolled steel with integral adjustable hanger clamp. Reflectors – low iridescent specular aluminum are standard.
- **Finish:** Chassis exterior—white baked acrylic enamel. Rust preventative undercoating. Reflector—low iridescent specular is standard.
- **Lens:** Thin diffused lens to help evenly distribute LED output.
- **Electrical:** Total luminaire efficacy as high as 67 LPW (lumens per Watt).
- **Labels:** cULus listed.

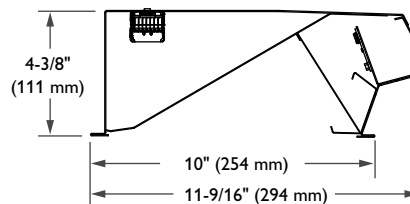
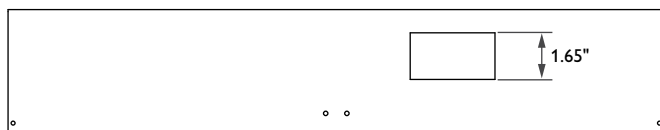
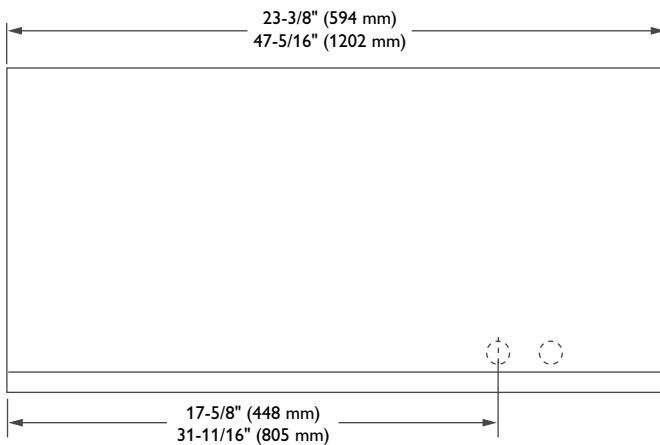
Features



Mounting Methods



Dimensions



WLRN Wal-Lyter LED asymmetric

2' 1700 lumens or 4' 3500 lumens, specular reflector

Photometry

Wal-Lyter LED asymmetric wall wash 2', 3500K, 1700 nominal delivered lumens

LER – 53

Catalog No.	WLRN17L835-2-UNV	Candlepower					Light Distribution			Average Luminance			
		Angle	End	45	Cross	Back-45	Degrees	Lumens	% Luminaire	Angle	End	45°	Cross
Test No.	31696	0	586	586	586	586	0-30	487	27.9	45	10979	11515	5318
S/MH	1.2	5	747	686	550	498	0-40	796	45.6	55	12132	10218	5076
Source	33WLED	10	934	787	541	403	0-60	1371	78.5	65	13955	11278	4812
Lumens/Lamp	1736	15	1028	914	529	311	0-90	1746	100.0	75	8551	11343	4480
Input Watts	32.8	20	1106	1123	512	221				85	157	735	3832
		25	1147	986	489	142							
		30	1072	1010	462	81							
		35	936	990	431	32							
		40	813	900	396	9							
		45	739	775	358	8							
		50	691	644	319	7							
		55	663	558	277	7							
		60	640	500	237	6							
		65	562	454	194	6							
		70	427	393	151	5							
		75	211	280	110	6							
		80	52	100	70	6							
		85	1	6	32	7							

Comparative yearly lighting energy cost per 1000 lumens – **\$4.53** based on 3000 hrs. and \$.08 pwr KWH.

The photometric results were obtained in the Philips Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.

Photometric values based on test performed in compliance with LM-79.

Coefficients of Utilization

pcc	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)							
	80		70		50			
pw	70	50	30	70	50	30	50	30
RCR								
0	118	118	118	115	115	115	111	111
1	109	104	100	106	102	97	97	94
2	98	91	83	95	89	82	84	80
3	90	80	70	88	78	69	75	68
4	81	69	61	80	68	60	67	58
5	76	63	54	73	61	53	59	52
6	69	56	47	68	56	46	54	46
7	65	51	42	63	51	41	48	40
8	59	46	38	58	46	38	45	36
9	56	42	34	55	41	34	40	34
10	53	40	32	52	39	32	38	30

Wal-Lyter LED asymmetric wall wash 4', 3500K, 3500 nominal delivered lumens

LER – 67

Catalog No.	WLRN35L835-4-UNV	Candlepower					Light Distribution			Average Luminance			
		Angle	End	45	Cross	Back-45	Degrees	Lumens	% Luminaire	Angle	End	45°	Cross
Test No.	31625	0	1288	1288	1288	1288	0-30	1035	29.0	45	11543	11894	5879
S/MH	1.2	5	1545	1447	1231	1142	0-40	1690	47.3	55	11100	10957	5666
Source	53WLED	10	1745	1577	1216	983	0-60	2935	82.1	65	9339	10169	5363
Lumens/Lamp	3565	15	1934	1714	1191	824	0-90	3575	100.0	75	4995	6955	4883
Input Watts	53.4	20	2106	1823	1156	663				85	52	265	3962
		25	2453	1905	1110	509							
		30	2132	1946	1054	365							
		35	2015	2194	986	225							
		40	1832	1826	912	106							
		45	1626	1676	828	32							
		50	1440	1473	740	10							
		55	1269	1252	648	7							
		60	1052	1049	551	5							
		65	786	856	452	5							
		70	508	614	352	4							
		75	258	359	252	4							
		80	71	130	155	2							
		85	1	5	69	2							

Comparative yearly lighting energy cost per 1000 lumens – **\$3.58** based on 3000 hrs. and \$.08 pwr KWH.

The photometric results were obtained in the Philips Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.

Photometric values based on test performed in compliance with LM-79.

Coefficients of Utilization

pcc	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)							
	80		70		50			
pw	70	50	30	70	50	30	50	30
RCR								
0	118	118	118	115	115	115	111	111
1	109	105	101	107	103	98	98	95
2	100	92	84	96	90	83	86	81
3	91	81	72	89	79	71	76	69
4	83	71	63	81	70	63	68	60
5	77	64	55	75	63	55	60	54
6	70	57	48	68	56	48	55	47
7	66	52	44	64	52	42	50	42
8	60	47	39	59	46	39	46	39
9	56	44	35	56	42	35	41	34
10	54	40	33	52	40	33	39	32

