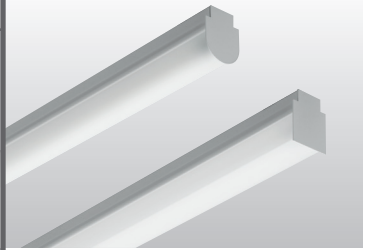


ARCHITECTURAL SLIMLINE SURFACE MOUNT

LLMS

tunable **WHITE**



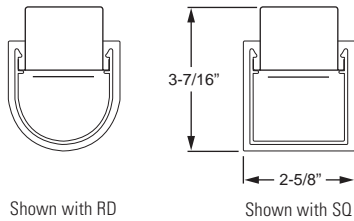
- ### FEATURES
- ▶ Tunable white from 3000K to 5000K CCT, minimum 80 CRI.
 - ▶ Slim, low-profile, surface-mount LED fixture provides an architectural alternative to standard wrap-around fixtures.
 - ▶ Efficacies up to 122 lm/W.
 - ▶ Round or square profile provides design choices for a variety of applications.
 - ▶ Multiple dimming protocols available.
 - ▶ Quality, frosted, extruded acrylic lens snaps securely in place to provide gentle diffused illumination.
 - ▶ Slim end plates are designed to conform to lens shape and prevent unsightly light leaks.
 - ▶ Internal, self-aligning joining method ensures straight rows.
 - ▶ This fixture is proudly made in the USA.

CATALOG #:	TYPE:
PROJECT:	NOTES:

EXAMPLE → **LLMS - 4 - L40/8TW - S - SQ - OPTIONS - DALI - UNV**

SERIES NOMINAL LENGTH LUMEN PACKAGE CRI & CCT FIXTURE TYPE SHIELDING OPTIONS/ACCESSORIES CONTROL VOLTAGE

CROSS SECTION



ORDERING INFORMATION

SERIES
LLMS Architectural Slimline Surface Mount – Tunable White

SHIELDING
RD Round frosted acrylic
SQ Square frosted acrylic

NOMINAL LENGTH

2	2'
4	4'
8	8'

OPTIONS

EM/10WLP Low profile 10-watt emergency LED battery (Must specify 120V or 277V; available in 4' and 8' only)

PS/120 Pull switch, single circuit (120V only)
PS2/120 Two-circuit, 4-position pull switch (120V only; requires two drivers per fixture)

WRS/120 White rocker switch (120V only)
(L__) Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
Example: 6,500 nominal lumens = LLMS-8-L80/8TW-(L65).

LED PACKAGE

EXAMPLE: L40/8TW		WATTAGE
LUMEN PACKAGE	NOMINAL LUMENS	
2'		
L20	2,000	17
4'		
L25	2,500	21
L40	4,000	35
8'		
L50	5,000	42
L80	8,000	69

CONTROL
 See page 3 for details.
DALI Driver prewired for DALI applications
DIM (1) 0-10V signal to control dimming
 (1) 0-10V signal to control CCT
DMX Driver prewired for DMX applications

COLOR
8TW Tunable white (80 CRI, 3000K–5000K)

VOLTAGE
120 120V
277 277V
UNV 120-277V

FIXTURE TYPE

F Electrical feeder unit, quick-connect wiring harness, one end plate installed

J Joiner unit, quick-connect wiring harness, no end plates

E End unit, quick-connect wiring harness, one end plate installed

S Stand-alone unit, two end plates installed

tunable **WHITE**

SPECIFICATIONS

Housing – 20-gauge die-formed C.R.S.

Shielding – Frosted, matte acrylic, round or square profile.

Finish – Textured matte white polyester TGIC powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.

Electrical – High quality mid-power LED board. L70 > 50,000 hours per IES TM-21. Tunable White products use LEDs of multiple CCTs and may produce a perceptibly different shade of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.

Mounting – Surface mount (ceiling or wall).

Labels – cETLus conforms to UL STD 1598 and UL STD 8750. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations.

Warranty – 5-year limited warranty, see hew.com/warranty.

IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

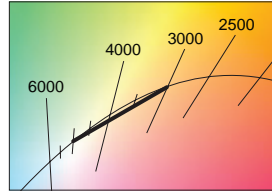
FIXTURE PERFORMANCE DATA

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2'			
L20	2033	17.3	117.3
4'			
L25	2629	21.4	122.6
L40	4067	34.7	117.4
8'			
L50	5124	41.7	122.8
L80	8133	69.3	117.4

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 4000K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

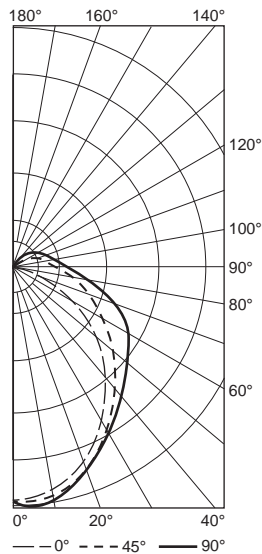
MULTIPLIER TABLE

CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
3000K	0.95	1.04
3500K	0.98	1.02
4000K	1.00	1.00
5000K	0.96	1.04



PHOTOMETRY

LLMS-4-L40/BTW-DALI Report #: 17322.0; 05/15/13 | Total Luminaire Output: 4067 lumens; 34.7 Watts | Efficacy: 117 lm/W

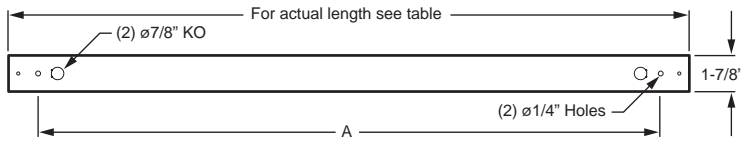


Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0	1241	1241	1241	
5	1246	1252	1255	118
15	1149	1168	1174	330
25	992	1028	1043	474
35	801	870	918	539
45	573	701	808	539
55	377	558	709	497
65	227	444	606	429
75	109	326	460	331
85	32	237	342	232
90	5	180	259	
95	0	172	240	160
105	0	139	186	126
115	0	114	154	98
125	0	94	131	74
135	0	76	107	53
145	0	67	94	37
155	0	50	66	20
165	0	37	43	9
175	0	13	25	1
180	0	0	0	

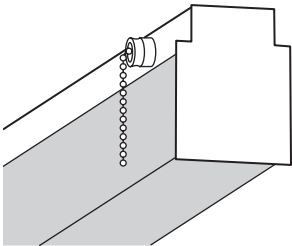
LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	922	23
0 - 40	1461	36	
0 - 60	2497	61	
0 - 90	3489	86	
90 - 120	384	11	
90 - 150	548	14	
90 - 180	578	14	
0 - 180	4067	100	

FIXTURE DETAILS

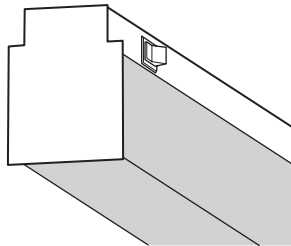
BACK VIEW



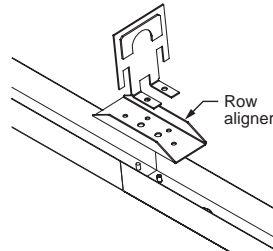
PS/120 OR PS2/120
(Pull switch, single or two-circuit)



WRS/120
(White rocker switch)



ROW ALIGNER DETAIL



NOMINAL LENGTH	ACTUAL LENGTH	A
2'	24-5/16"	23-5/16"
4'	46-7/16"	45-7/16"
8'	92-15/16"	91-15/16"

CONTROL DETAILS

DIM



DALI



DMX

