

ARCHITECTURAL SURFACE MOUNT

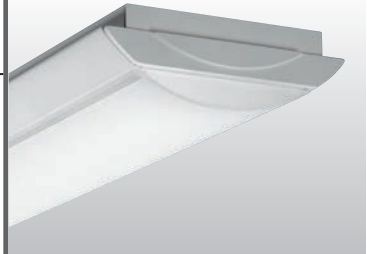
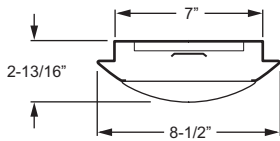
ASM

CATALOG #:	TYPE:	LED
PROJECT:	NOTES:	

EXAMPLE **ASM - 4 - L46/835 - P - F - A - AC(Y12)/D24 - OPTIONS - DIM - UNV**

SERIES NOMINAL LENGTH LUMEN PACKAGE CRI & CCT MOUNTING TYPE FIXT. TYPE SHIELDING MOUNTING OPTIONS/ACCESSORIES DRIVER VOLTAGE

CROSS SECTION



ORDERING INFORMATION

SERIES
ASM Architectural Surface Mount

NOMINAL LENGTH

4	4'
8	8'

LED PACKAGE

EXAMPLE: L46/835			AVERAGE SYSTEM WATTAGE
LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT	
4'			
L25	2,500	827 = 82 CRI, 2700K	24
L46	4,600	830 = 82 CRI, 3000K	47
8'			
L50	5,000	835 = 82 CRI, 3500K	48
L92	9,200	840 = 82 CRI, 4000K	94
		850 = 82 CRI, 5000K	

Nominal lumens based on 3500K CCT, actual lumens may vary. Additional LED lumen packages available, see options.

MOUNTING TYPE

See back for details

S Surface
P Suspended
R Semi-recessed (available in stand-alone fixtures only)

FIXTURE TYPE (Surface or suspended only)

F Electrical feeder unit, two end caps packed with fixture, quick-connect wiring harness. Suspended includes straight white cord standard (wire gauge to be determined by row length)

J Joiner unit, quick-connect wiring harness

S Stand-alone unit, two end caps included. Suspended includes straight white cord standard (wire gauge to be determined by row length)

SHIELDING

A Ribbed acrylic diffuser

MOUNTING (Suspended mounting type only)

See back for details.

EXAMPLE: AC(Y12)/D24		
PREFIX	TYPE	LENGTH
ADJUSTABLE AIRCRAFT CABLE		
AC(Y12/)	D = 1" grid & hardpan	24 = 24"
	N = 9/16" grid	48 = 48"
	S = Slot grid	96 = 96"
PENDANT MOUNT USING STEM (3/8" IPS) AND CANOPY (ø5")		
SS-__		Specify length in inches (4" minimum)

Note: Power cord provided with aircraft cables only

OPTIONS

EM/10WLP Low profile 10-watt emergency battery (120V-277V only)

AMW (L__) Anti-microbial white finish
 Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next *higher* lumen package.
Example: 3,500 nominal lumens = ASM-4-L46/835-A-(L35)

DRIVER

Additional dimming drivers available, see [Technical Info](#).

DRV Driver prewired for non-dimming applications

DIM 10% dimming driver prewired for 0-10V low voltage applications

VOLTAGE

120	120V
277	277V
UNV	120-277V

FEATURES

- ▶ Surface or semi-recessed mount for ultra-low-profile appearance.
- ▶ Suspended mount available.
- ▶ Decorative die-cast aluminum end caps provide high-end appearance.
- ▶ Optional anti-microbial white finish available for use in healthcare applications.
- ▶ This fixture is proudly made in the USA.

LED

PHOTOMETRY

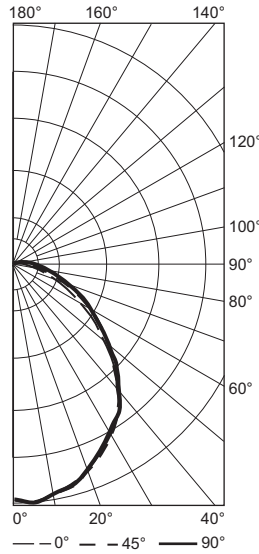
ASM-4-L46/835-A-S-DIM-UNV Report #: 18639.1; 02/17/15 | Total Luminaire Output: 4629 lumens; 47 Watts
 Efficacy: 99.5 lm/W | 82 CRI; 3456K CCT | IES Spacing Crit.: End: 1.2, Across: 1.2, Diag.: 1.2

SPECIFICATIONS

- Housing** – .040" die-formed aluminum with die-cast decorative end caps.
- Shielding** – Ribbed acrylic diffuser.
- 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 boards. L85 at 50,000 hours. 25°C maximum ambient operating temperature.
- Mounting** – Semi-recessed in NEMA Type "G" ceiling, surface (ceiling or wall), or suspended.
- Labels** – cCSAus certified as luminaire suitable for dry or damp locations.
- Warranty** – 5-year limited warranty, see hew.com/warranty.

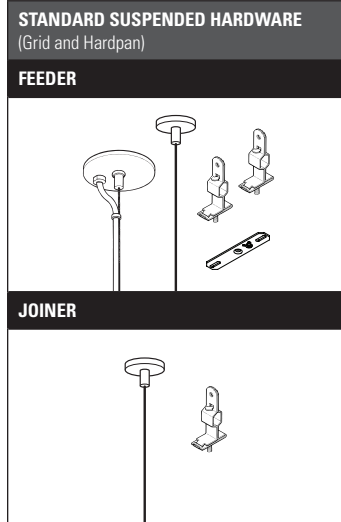
IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.



Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0	1766	1766	1766	
5	1795	1793	1793	171.3
15	1716	1711	1705	484.6
25	1553	1541	1536	714.2
35	1349	1347	1347	846.5
45	1030	1059	1067	815.5
55	690	753	769	665.4
65	406	496	513	474.5
75	186	283	302	277.5
85	48	135	163	130.0
90	12	77	110	
95	0	40	71	41.2
105	0	0	23	8.1
115	0	0	0	0
125	0	0	0	0
135	0	0	0	0
145	0	0	0	0
155	0	0	0	0
165	0	0	0	0
175	0	0	0	0
185	0	0	0	0

	Zone	Lumens	% Fixture
LUMEN SUMMARY	0 - 30	1370	29.6
	0 - 40	2217	47.9
	0 - 60	3697	79.9
	0 - 90	4580	98.9
	90 - 120	49	1.1
	90 - 150	49	1.1
	90 - 180	49	1.1
	0 - 180	4629	100.0



Notes:

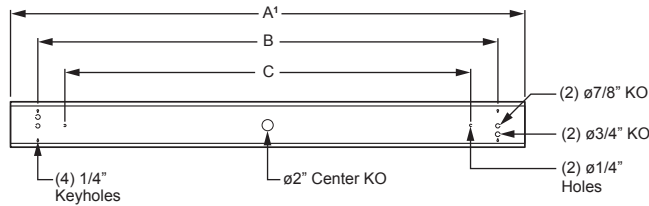
Fixtures are provided with adjustable length aircraft cables with two-point "Y" connectors and mounting hardware, must specify.

Electrical supply is brought into the feeder fixture, either as part of a row or as a stand-alone unit. Joiner fixtures complete the row.

The feeder kits are standard with a 5" canopy to cover the junction box and a 2" canopy at the non-feed point. No J-box is required at non-feed points.

FIXTURE DETAILS

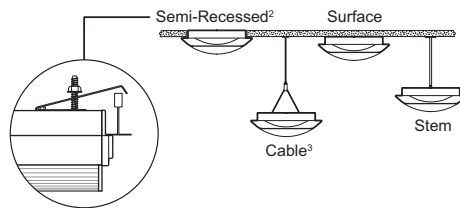
BACK VIEW



	A'	B	C
4'	46-13/16"	40"	32"
8'	93-5/8"	87"	80"

¹ Dimension A is for row-mounted units without end caps. End caps add 3/4" to dimension A.

MOUNTING TYPES



² Semi-recessed model is suitable for installation in NEMA Type "G" ceiling system of 1" wide (nominal) tees mounted across ends of fixture 48" O.C., using factory furnished mounting brackets. Fixtures may be mounted in continuous row. Ceiling tiles are supported along sides by fixture housing. Fixture protrudes 2" below ceiling plane.

³ Depending on installation method, cable mounting may require additional counter-weights due to side-mounted driver.

ROW ALIGNER (Not available with semi-recessed units.)

