

CATALOG #: _____

Type: _____

PROJECT: _____

FEATURES

- Fixture can be surface mounted or semi-recessed for ultra-low-profile look
- Aircraft cable or pendant mount fixture for additional mounting choices
- Decorative die-cast aluminum end caps provide high-end appearance
- Optional anti-microbial white finish available for use in healthcare applications
- Maximize energy savings with efficacies as high as 144 lm/W
- Made Right Here® in the USA

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 >50,000 hours. 25°C maximum ambient operating temperature.
- MOUNTING – Semi-recessed in NEMA Type "G" ceiling, surface (ceiling or wall), or suspended.
- LISTINGS – cCSAus certified as luminaire suitable for dry or damp locations.
- WARRANTY – 5-year limited warranty, see hew.com/warranty.

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

ORDERING INFO

SERIES	LENGTH	LUMENS ^[1]	CRI	CCT	MOUNTING TYPE	FIXTURE TYPE
ASM	4 4'	L25 2,500lm	8 80	27 2700K	S Surface	F Electrical feeder unit ^[4]
	8 8'	L46 4,600lm	9 90 ^[2]	30 3000K	P Suspended	J Joiner unit ^[5]
		L50 5,000lm		35 3500K	R Semi-recessed ^[3]	S Stand-alone unit ^[6]
		L92 9,200lm		40 4000K		
				50 5000K		

SHIELDING ^[7]

A Ribbed acrylic diffuser

MOUNTING (EXAMPLE: AC(Y12)/D24) ^[8]

ADJUSTABLE AIRCRAFT CABLE

Prefix	Type	Length
AC(Y12)/	D 1" grid & hardpan	24 24"
	N 9/16" grid	48 48"
	S Slot grid	96 96"

PENDANT MOUNT ^[10]

SS-__ Specify length in inches ^[11]

OPTIONS

EM/10WLP Low-profile 10-watt LED emergency battery
 AMW Anti-microbial white finish
 (L__) Additional lower lumen packages available.
 Example: 3,500 lumens = ASM-4-L46/835-A-(L35) ^[9]

CONTROL ^[12]

DIM Dimming driver

DRV Non-dimming driver

VOLTAGE

120 120V

277 277V

UNV 120-277V

NOTES

- ¹ Lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- ² Extended lead times may apply. Consult factory for availability.
- ³ Available in stand-alone fixtures only.
- ⁴ Two end caps packed with fixture, quick-connect wiring harness. Suspended includes straight white cord standard. Wire gauge to be determined by row length.
- ⁵ Quick-connect wiring harness.
- ⁶ Two end caps included. Suspended includes straight white cord standard. Wire gauge to be determined by row length.
- ⁷ See page 3 for FIXTURE DETAILS.
- ⁸ See page 4 for MOUNTING DETAILS. Power cord provided with aircraft cables only. Specify with suspended mounting type only.
- ⁹ Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- ¹⁰ 3/8" IPS Stem and ø5" canopy.
- ¹¹ 4" minimum.
- ¹² See page 2 for ADDITIONAL CONTROL OPTIONS.



FIXTURE PERFORMANCE DATA

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
4'	L25	2614	19.5	134.1
	L46	4683	33.9	138.2
8'	L50	4917	34.0	144.6
	L92	9212	64.7	142.3

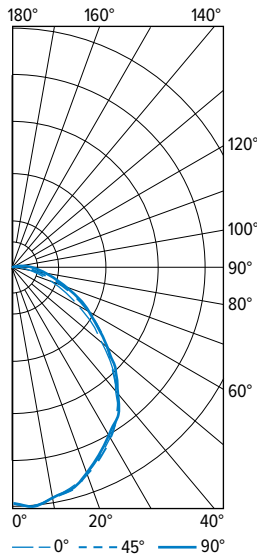
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

MULTIPLIER TABLE

COLOR TEMPERATURE		
	CCT	CONVERSION FACTOR
80 CRI	2700K	0.97
	3000K	0.99
	3500K	1.00
	4000K	1.03
	5000K	1.06
90 CRI	2700K	0.80
	3000K	0.82
	3500K	0.83
	4000K	0.86
	5000K	0.89

PHOTOMETRY

ASM-4-L46/835-A-S-DIM-UNV Total Luminaire Output: 4682 lumens; 33.9 Watts | Efficacy: 138.2 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	1792	1792	1792	
	5	1822	1820	1820	172
	15	1742	1737	1731	487
	25	1576	1565	1558	719
	35	1370	1368	1368	846
	45	1045	1075	1082	821
	55	701	765	780	676
	65	411	503	522	483
	75	190	288	306	287
	85	48	136	166	136
	90	11	77	111	
	95	0	41	72	45
	105	0	0	24	10
	115	0	0	0	1
	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
	180	0	0	0	0

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1378	29
	0 - 40	2223	48
	0 - 60	3720	79
	0 - 90	4625	99
	90 - 120	57	1
	90 - 150	57	1
	90 - 180	57	1
	0 - 180	4682	100

ADDITIONAL CONTROL OPTIONS

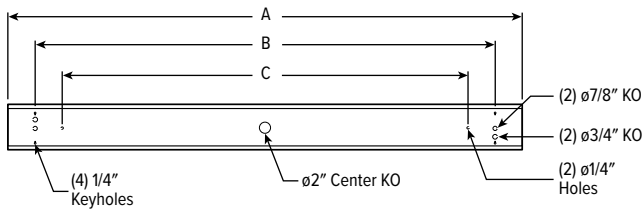
Note: Lumen restrictions apply, consult product builder at hew.com/product-builder.

CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC	Line voltage dimming driver (TRIAC compatible, 120V or 277V only)
SD40	40% step-dimming driver
SD50	50% step-dimming driver
DALI	DALI dimming driver
LTE LINE	Lutron Hi-lume 1% 2-wire dimming driver forward phase line voltage controls (120V only)
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver
LDE5	Lutron 5-Series 5% EcoSystem dimming LED driver
ELDO SOLOB	EldoLED Solodrive, 0.1% dimming driver for 0-10V controls
ELDO SOLOB DALI	EldoLED Solodrive, 0.1% dimming driver for DALI controls
ELDO ECO1	EldoLED Ecodrive, 1% dimming driver for 0-10V controls
ELDO ECO1 DALI	EldoLED Ecodrive, 1% dimming driver for DALI controls



FIXTURE DETAILS

BACKVIEW

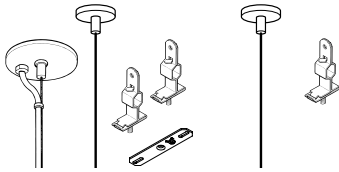


	A	B	C
4'	46-13/16"	40"	32"
8'	93-5/8"	87"	80"

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

MOUNTING DETAILS

STANDARD HARDWARE (Grid and Hardpan)

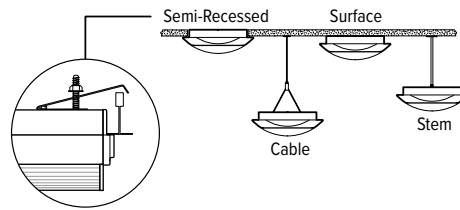


Power End/Stand-Alone

Row Mount Support

- 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.

CONTINUOUS ROW



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.

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

ROW ALIGNER

(not available with semi-recessed units)

