

LOW-PROFILE WRAP

18

LED

CATALOG #:

TYPE:

PROJECT:

NOTES:

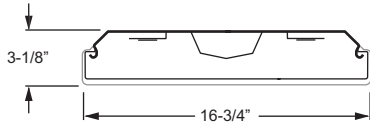
EXAMPLE

18 - 4 - L90/835 - AF - OPTIONS - DRV - UNV

SERIES NOMINAL LENGTH LUMEN PACKAGE CRI & CCT SHIELDING OPTIONS DRIVER VOLTAGE



CROSS SECTION



ORDERING INFORMATION

SERIES

18 Low-Profile Wrap

NOMINAL LENGTH

4 4'

LED PACKAGE

EXAMPLE: L90/835			AVERAGE SYSTEM WATTAGE
LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT	
L90	9,000	830 = 82 CRI, 3000K	75
		835 = 82 CRI, 3500K	
		840 = 82 CRI, 4000K	

Nominal lumen output based on 3500 CCT. Actual lumens may vary +/-5%. See specific photometric tests. Additional LED lumen packages available, see options.

SHIELDING

AF Frosted prismatic acrylic diffuser

OPTIONS

See Information section for mounting accessories.
EM/10W 10-watt emergency driver (120V-277V only)

DRIVER

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

DRV Driver prewired for non-dimming applications
DIM Driver prewired for 0-10V low voltage dimming applications

VOLTAGE

120 120V
277 277V
UNV 120-277V

FEATURES

- ▶ Low-profile wrap-around provides uniform downward light distribution and subtle side illumination
- ▶ Shallow depth provides sleek, low-profile appearance.
- ▶ Diffuser is secured continuously along luminaire sides.
- ▶ Mounts easily as a single fixture or in continuous row installations.
- ▶ Wireway is accessible without the use of tools.
- ▶ LED technology provides high efficacy and energy efficiency.
- ▶ Rated >50,000 hours at 70% lumen maintenance (L70).
- ▶ Minimum 82 CRI; 3000K, 3500K, or 4000K CCT.
- ▶ This fixture is proudly made in the USA.



SPECIFICATIONS

Housing – 20-gauge die-formed C.R.S. End plates constructed of 19-gauge die-formed C.R.S.

Shielding – Frosted prismatic acrylic diffuser with 15% DR additive, .100" nominal thickness. Prismatic bottom/continuous wrap sides.

Finish – 92% minimum average reflective white polyester 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. L70 >50,000 hours.

Mounting – Surface or suspended.

Labels – cCSAus certified as luminaire suitable for dry or damp locations.

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

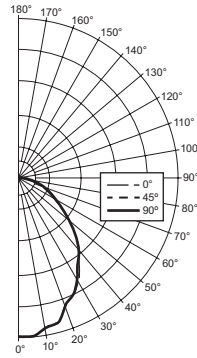
IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

PHOTOMETRY

TEST REPORT INFORMATION

- ▶ Test Report #: 19283.0
- ▶ Date: 03/23/16
- ▶ Lamp Type: LED
- ▶ **Rated Lumens: 9001**
- ▶ **Watts: 72.5**
- ▶ **Lumens Per Watt: 124.1**
- ▶ **CRI: 84.5**
- ▶ **CCT: 3532K**



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	3873.	3873.	3873.	
5°	3819.	3815.	3813.	364.2
15°	3666.	3655.	3649.	1036.8
25°	3152.	3126.	3104.	1446.7
35°	2556.	2525.	2493.	1585.3
45°	1953.	1934.	1921.	1499.3
55°	1298.	1311.	1339.	1108.1
65°	784.	827.	892.	826.1
75°	382.	458.	540.	487.1
85°	112.	199.	289.	221.6
90°	4.	82.	145.	
95°	0.	67.	121.	70.7
105°	2.	65.	99.	61.4
115°	6.	60.	84.	53.1
125°	22.	63.	84.	50.6
135°	24.	56.	76.	41.8
145°	35.	56.	73.	36.0
155°	35.	52.	56.	23.5
165°	37.	48.	48.	12.6
175°	41.	43.	41.	4.0
180°	39.	39.	39.	

LUMEN SUMMARY

Zone	Lumens	% Fixture
0° - 30°	2848.	31.6
0° - 40°	4433.	49.3
0° - 60°	7112.	79.0
0° - 90°	8647.	96.1
90° - 120°	185.	2.1
90° - 130°	236.	2.6
90° - 150°	314.	3.5
90° - 180°	354.	3.9
Total Luminaire:		
0° - 180°	9001.	100.0
IES Spacing Criteria: End = 1.1 Diagonal = 1.1 Across = 1.1		

FIXTURE PERFORMANCE DATA

Catalog Number	Nominal Lumen Output	Total Power (W)	Luminaire Efficacy (lm/W)	CCT (K)	Minimum CRI
18-4-L90/830	8730	75.0	116.5	3000	82
18-4-L90/835	9000	75.0	120.1	3500	82
18-4-L90/840	9308	75.0	124.2	4000	82

- 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.

FIXTURE DETAILS

BACK VIEW

