

CATALOG #: \_\_\_\_\_

Type: \_\_\_\_\_

PROJECT: \_\_\_\_\_

## FEATURES

- Low-profile wrap-around provides uniform downward light distribution and subtle side illumination
- Shallow depth provides sleek, low-profile appearance
- Mounts easily as a single fixture or in continuous row installations
- Diffuser is secured continuously along luminaire sides
- Wireway is accessible without the use of tools
- Made Right Here® 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 warranty, see [hew.com/warranty](http://hew.com/warranty).

## ORDERING EXAMPLE: 18 - 4 - L90/835 - AF - OPTIONS - DRV - UNV

### ORDERING INFO

SERIES	LENGTH	LUMENS <sup>[1]</sup>	CRI	CCT	SHIELDING
18	4 4'	L90 9,000lm	8 80 9 90 <sup>[2]</sup>	30 3000K 35 3500K 40 4000K	AF Frosted prismatic acrylic diffuser

### OPTIONS <sup>[3]</sup>

<b>EM/10W (L__)</b>	10-watt emergency battery Additional lower lumen packages available. Example: 5,000 nominal lumens = 18-4-L90/835-AF-(L50). <sup>[5]</sup>
<b>GAT</b>	T-bar fastener for 320 ceiling spacer
<b>SS-12</b>	Single stem & canopy, 12"
<b>SWS-12</b>	Stem & swivel canopy, 12"

### CONTROL <sup>[4]</sup>

<b>DIM</b> Dimming driver	<b>120</b> 120V <b>277</b> 277V
<b>DRV</b> Non-dimming driver	<b>UNV</b> 120-277V

### VOLTAGE

## NOTES

<sup>1</sup> Lumen output based on 3500 CCT. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see options.

<sup>2</sup> Extended lead times may apply. Consult factory for availability.

<sup>3</sup> See page 3 for FINISH OPTIONS. See page 3 for QUICK CONNECT OPTIONS. See page 3 for MOUNTING ACCESSORIES DETAILS.

<sup>4</sup> See page 2 for ADDITIONAL CONTROL OPTIONS.

<sup>5</sup> Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.



## FIXTURE PERFORMANCE DATA

	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L90	9000	75.0	120.1

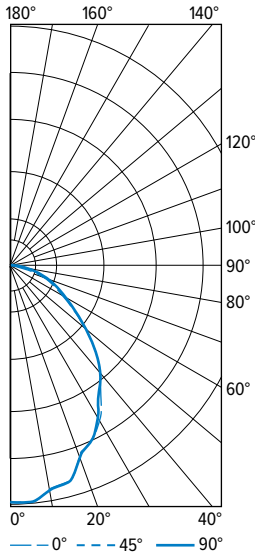
### MULTIPLIER TABLE

COLOR TEMPERATURE		
	CCT	CONVERSION FACTOR
80 CRI	3000K	0.99
	3500K	1.00
	4000K	1.03
90 CRI	3000K	0.82
	3500K	0.83
	4000K	0.86

- 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.

## PHOTOMETRY

18-4-L90/835-AF-DRV-UNV Report #: 19283.0; 03/23/16 | Total Luminaire Output: 9001 lumens; 72.5 Watts | Efficacy: 124.1 lm/W | 84.5 CRI; 3532K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	3873	3873	3873	
5	3819	3815	3813	364
15	3666	3655	3649	1037
25	3152	3126	3104	1447
35	2556	2525	2493	1585
45	1953	1934	1921	1499
55	1298	1311	1339	1108
65	784	827	892	826
75	382	458	540	487
85	112	199	289	222
90	4	82	145	
95	0	67	121	71
105	2	65	99	61
115	6	60	84	53
125	22	63	84	51
135	24	56	76	42
145	35	56	73	36
155	35	52	56	24
165	37	48	48	13
175	41	43	41	4
180	39	39	39	

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	2848	32
	0 - 40	4433	49
	0 - 60	7112	79
	0 - 90	8647	96
	90 - 120	185	2
	90 - 150	314	4
	90 - 180	354	4
	0 - 180	9001	100

## ADDITIONAL CONTROL OPTIONS

Note: Lumen restrictions apply, consult product builder at [hew.com/product-builder](http://hew.com/product-builder).

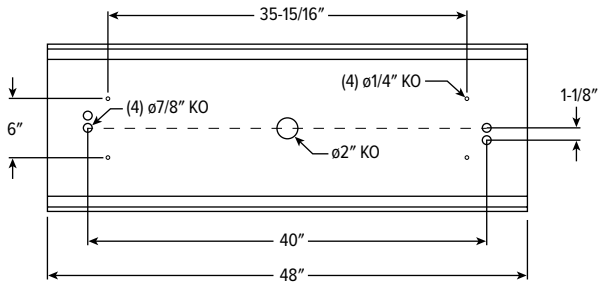
CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC	Line voltage 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



# 18 LED Low-Profile Wrap

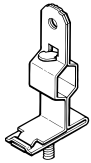
## FIXTURE DETAILS

### BACKVIEW

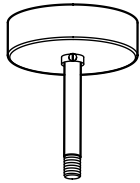


## MOUNTING ACCESSORIES DETAILS

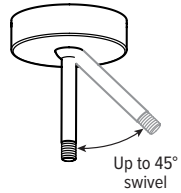
### GAT FASTENER



### SINGLE STEM & CANOPY



### STEM & SWIVEL CANOPY



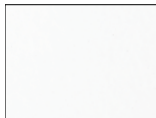
## QUICK CONNECT OPTIONS

Note: Quick connect wiring required for row mounting. Length restrictions may apply, consult product builder at [hew.com/product-builder](http://hew.com/product-builder).

DESIGNATION	NUMBER OF WIRES (EXCLUDING GROUND)	WIRE COLORS	WIRE COLOR/POWER SUPPLY FACTORY CONNECTIONS	TYPICAL USE
C2B	3	White, Black, Red	White, Black	Alternating Circuits
C2BR	3	White, Black, Red	White, Black, Red	ON/OFF Switching (DRV) or Line Voltage dimming (DIM LINE) when equipped w/EM Power Supply (EM/10W)
C2R	3	White, Black, Red	White, Red	Alternating Circuits
C2BW/R	5	White, Black, Red, Gray, Green	White, Black/Red, Gray	0-10V 4-wire Low Voltage Dimming (DIM)

## FINISH OPTIONS

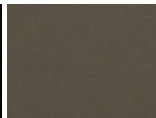
### WHITE



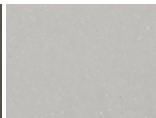
### BLACK



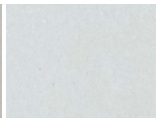
### BRONZE



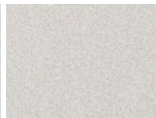
### NICKEL



### SILVER



### ALUMINUM



For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

