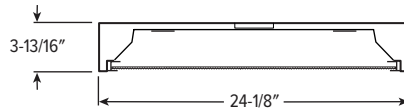
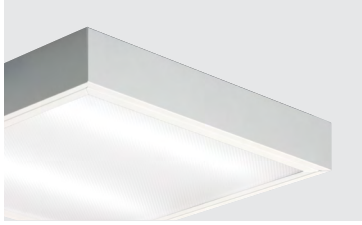


12 LED 2' Wide Surface Mount – Solid Sides



CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Fully enclosed spring-loaded cam latches allow years of hassle-free maintenance
- Mitered corners provide clean, crisp appearance with no visible rivets or screws
- Heavy-gauge welded end plates and housing ensure durable, rigid construction
- Fully gasketed door minimizes contaminants
- Maximize energy savings with efficacies as high as 135 lm/W
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING** – 20-gauge die-formed, welded C.R.S.
- DOOR FRAME** – 20-gauge C.R.S. or 0.050" extruded aluminum with mitered corners. Fully enclosed spring-loaded cam latches.
- SHIELDING** – Frosted acrylic lens, pattern #12, .125" thick.
- 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. L85 at 50,000 hours. 25°C maximum ambient operating temperature.
- MOUNTING** – Surface or suspended.
- LISTINGS** –
 - cCSAus certified as luminaire suitable for dry or damp locations.
 - DesignLights Consortium qualified product. Not all versions of this product may be DLC qualified, see the DLC Qualified Products List at www.designlights.org/QPL
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: 12 - 4 - L84/835 - F AF12125 - OPTIONS - DIM - UNV

ORDERING INFO

SERIES	LENGTH	LUMENS ^[1]	CRI	CCT	DOOR FRAME	SHIELDING
12	2 2'	2'	8 80	27 2700K	F White flat aluminum	AF12125 Frosted acrylic, pattern #12, .125" thick
	4 4'	L43 4,300lm		30 3000K	R White regress aluminum	
		L65 6,500lm		35 3500K	S White flat steel	
	4'	L84 8,400lm		40 4000K	FB Black flat aluminum	
	L130 13,000lm	50 5000K	RB Black regress aluminum	SB Black flat steel		

OPTIONS ^[2]

OPTION	DESCRIPTION
EM/10W	10-watt emergency battery
(L__)	Additional lower lumen packages available. ^[4] Example: 7,500 nominal lumens = 12-4-L84/840-FAF12125-(L75)

CONTROL ^[3]

CONTROL	DESCRIPTION
DIM	Dimming driver
DRV	Non-dimming driver

VOLTAGE

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



NOTES

- Lumen output based on 3500 CCT. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- See page 3 for FINISH OPTIONS. Suspended mounting available. See page 3 for SUSPENDED MOUNTING DETAILS.
- See page 2 for ADDITIONAL CONTROL OPTIONS.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.



12 LED 2' Wide Surface Mount – Solid Sides

FIXTURE PERFORMANCE DATA

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2'	L43	4,214	31.2	135.0
	L65	6,628	51.9	127.7
4'	L84	8,516	62.8	135.6
	L130	13,116	101.2	129.6

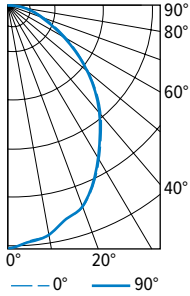
MULTIPLIER TABLE

COLOR TEMPERATURE	
CCT	CONVERSION FACTOR
2700K	0.97
3000K	0.99
3500K	1.00
4000K	1.03
5000K	1.06

- 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

12-4-L84/835-SAF12125-DIM-UNV Total Luminaire Output: 8516 lumens; 62.9 Watts | Efficacy: 135 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0°	3891	3891	3891	
5°	3799	3794	3794	361	
15°	3557	3548	3548	1009	
25°	3175	3164	3164	1459	
35°	2609	2584	2577	1615	
45°	1978	1933	1911	1493	
55°	1341	1289	1267	1164	
65°	817	782	774	790	
75°	425	416	442	459	
85°	149	151	175	165	
90°	0	0	0		

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2830	33
	0 - 40	4445	52
	0 - 60	7101	83
	0 - 90	8516	100
	0 - 180	8516	100

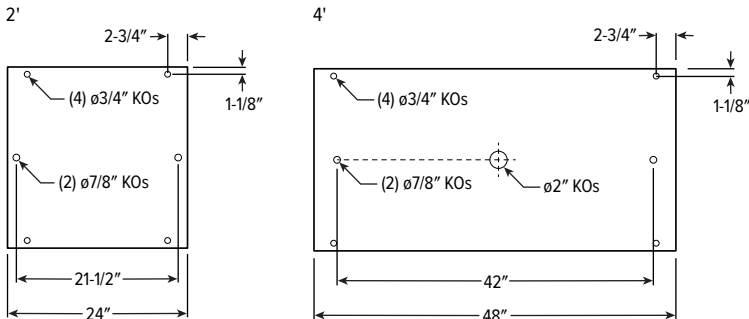
ADDITIONAL CONTROL OPTIONS

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

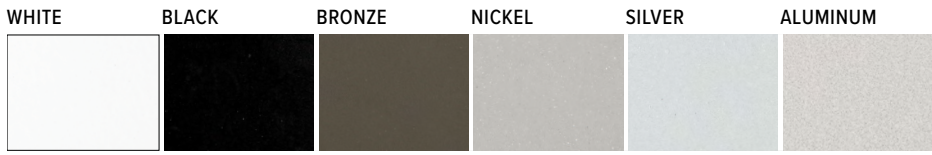
BACKVIEWS



12 LED

2' Wide Surface Mount – Solid Sides

FINISH OPTIONS



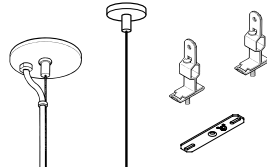
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

SUSPENDED MOUNTING DETAILS

ORDERING INFO (EXAMPLE: ACF*4P/D48)

Prefix	Type	Length
ACF*4P	Adjustable Aircraft Cable	D 1" grid & hardpan 24 24"
		48 48"
	N 9/16" grid 96 96"	
	S Slot grid 144 144"	
	192 192"	
		240 240"
		300 300"

STANDARD HARDWARE (Grid & Hardpan)



- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- One 5" canopy used at power feed location to cover the junction box. Three other suspension points use 2" canopy at the non-feed point. No J-box is required at non-feed points.

