

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Small fixture profile allows inconspicuous placement in coves or confined spaces
- Choice of diffuse and prismatic lenses
- Flat lens provides even illumination and minimizes glare
- Row applications produce continuous light with minimal interruption between fixtures
- Variety of surface and suspended mounting accessories
- Maximize energy savings with efficacies as high as 183 lm/W
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING – 22-gauge die-formed C.R.S.
- 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.
- SHIELDING – Diffuse matte acrylic, .080" thick.
- ELECTRICAL – High quality mid-power LED board. Rated for 50,000 hours at 70% lumen maintenance (L70). 25°C maximum ambient operating temperature.
- MOUNTING – Surface (ceiling or wall) or suspended.
- LISTINGS –
 - cETLus conforms to UL STD 1598. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations
- WARRANTY – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: 75L - 4 - L65/835 - DMA - OPTIONS - DIM - UNV

ORDERING INFO

SERIES	LENGTH ^[1]	LUMENS ^[2]	CRI	CCT	SHIELDING
75L	2 2'	2'	8 80	27 2700K	DMA Diffuse matte acrylic, .080" thick
	4 4'	L10 1,000lm	9 90 ^[3]	30 3000K	AF12125 Frosted acrylic, pattern #12, .125" thick
	8 8'	L15 1,500lm		35 3500K	
		L20 2,000lm	40 4000K		
		L32 3,000lm	50 5000K		
		4'			
		L20 2,000lm			
		L38 3,800lm			
		L50 5,000lm			
		L65 6,500lm			
		8'			
		L40 4,000lm			
		L76 7,600lm			
	L100 10,000lm				
	L130 13,000lm				

OPTIONS ^[4]

EM/10WLP	Low-profile 10-watt emergency battery ^[6]
EM/10WRM	Remote mount 10-watt emergency battery ^[7]
C2__	Two-circuit quick-connect wiring harness. ^[8]
WG-75	11-gauge white powder coat wireguard
315	1-1/2" ceiling spacer
VBV	(2) Y-hangers
VBV-2	(2) Y-hangers and (2) 2' chains
RA-75	Row aligner ^[9]
45AMB	(2) 45° adjustable mounting brackets ^[10]
(L__)	Additional lower lumen packages available. ^[11] Example: 5,500 nominal lumens = 75L-4-L65/835-(L55)

CONTROL ^[5]

DIM	Dimming driver	120 120V
DRV	Non-dimming driver	277 277V
		UNV 120-277V
		347 347V ^[13]

VOLTAGE

MOUNTING (EXAMPLE: AC/D48) ^[12]

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

NOTES

- ¹ For actual length, see page 3 for FIXTURE DETAILS
- ² Lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- ³ Extended lead times may apply. Consult factory for availability.
- ⁴ See page 3 for FINISH OPTIONS. See page 3 for MOUNTING DETAILS.
- ⁵ See page 2 for ADDITIONAL CONTROL OPTIONS.
- ⁶ 4' and 8' only; must specify 120V or 277V. Not available with L65 and L130 lumen packages
- ⁷ 2' only; must specify 120V or 277V. Not available with L32 lumen package
- ⁸ See page 2 for QUICK CONNECT OPTIONS.
- ⁹ Required when row mounting with aircraft cables
- ¹⁰ Cord recommended, ordered separately. See page 3 for MOUNTING DETAILS. Field-adjustable up and down in 7-1/2° increments. Field-adjustable up and down in 7-1/2° increments.
- ¹¹ Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- ¹² Required with suspended mount fixtures. Units specified with aircraft cable require cord. See page 3 for MOUNTING DETAILS. Requires RA-75 row aligner. See page 3 for MOUNTING ACCESSORIES DETAILS.
- ¹³ Not available with EM drivers



FIXTURE PERFORMANCE DATA

LED PACKAGE	WATTAGE	DMA LENS		AF12125 LENS		
		DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	
2'	L10	7.0	1081	153.6	1244	176.7
	L15	10.1	1532	152.3	1763	175.3
	L20	14.2	2117	148.8	2437	171.2
	L32	26.0	3239	124.5	3728	143.3
4'	L20	12.6	2011	159.2	2315	183.3
	L38	31.2	4118	131.9	4740	151.9
	L50	37.2	4920	132.4	5663	152.4
8'	L65	53.9	6613	122.7	7612	141.2
	L40	29.8	4205	141.1	4840	162.4
	L76	58.6	7742	132.1	8911	152.0
	L100	76.8	10039	130.7	11555	150.4
	L130	103.8	13090	126.2	15067	145.2

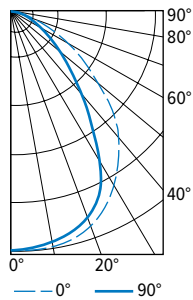
MULTIPLIER TABLE

	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

- 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

75L-4-L65/835-DMA Total Luminaire Output: 6613 lumens; 53.9 Watts | Efficacy: 122.7 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2902	2902	2902	
	5	2955	2889	2832	274
	15	2829	2743	2662	771
	25	2570	2450	2319	1123
	35	2184	2047	1829	1266
	45	1748	1555	1285	1187
	55	1229	1058	864	948
	65	766	647	501	641
	75	375	302	226	324
	85	89	67	47	80
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2168	33
	0 - 40	3434	52
	0 - 60	5569	84
	0 - 90	6613	100
	0 - 180	6613	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 (Must specify 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

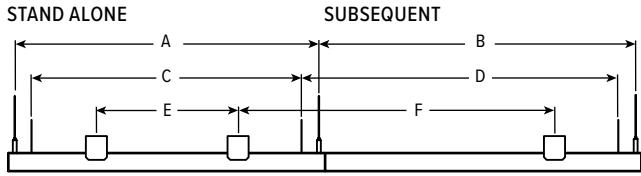
QUICK CONNECT OPTIONS

Note: Quick connect wiring required for row mounting. Not available in 2' and 3' fixtures.

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/RV	5	White, Black, Red, Gray, Green	White, Black/Red, Gray	0-10V 4-wire Low Voltage Dimming (DIM)



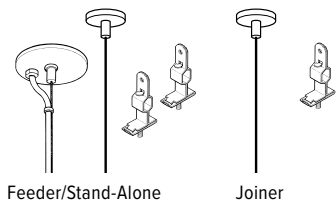
MOUNTING DETAILS



MOUNTING LENGTH

	AIRCRAFT CABLE		VBY HANGER		315 SPACER	
	A	B	C	D	E	F
2'	21-1/2"	22-1/2"	19"	22-1/2"	10"	22-1/2"
4'	43-5/8"	44-5/8"	41-1/4"	44-5/8"	32"	44-5/8"
8'	88-3/16"	89-1/4"	85"	89-1/4"	77"	89-1/4"

STANDARD HARDWARE FOR SUSPENDED PRODUCT (Grid and Hardpan)



Notes:

- Fixtures are provided with adjustable length aircraft cables 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.

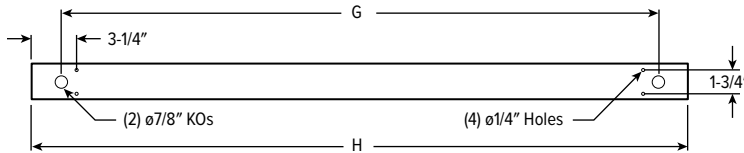
CORD FOR SUSPENDED PRODUCT

Units specified with aircraft cable require cord. Please specify cord type using ordering information below.

EXAMPLE: S2438/W				
CORD TYPE	LENGTH	# OF COND.	WIRE SIZE	COLOR
S	24 24"	3	8	/W White /B Black
	48 48"	4		
	96 96"	5		

FIXTURE DETAILS

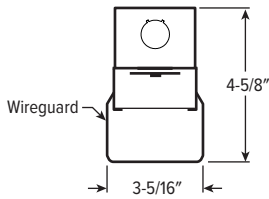
BACKVIEW



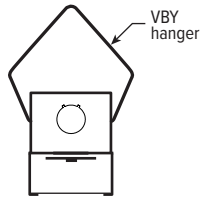
7/8" KOs (G)	ACTUAL FIXTURE LENGTH (H)
2'	18-3/8"
4'	40-1/2"
8'	85-1/8"

MOUNTING ACCESSORIES DETAILS

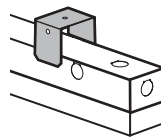
WG-75



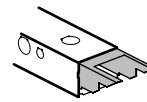
VBY



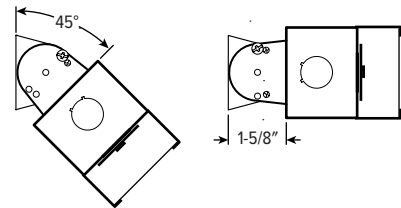
315



RA-75



45AMB



FINISH OPTIONS

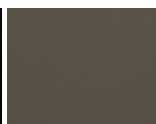
WHITE



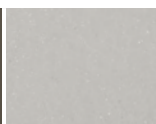
BLACK



BRONZE



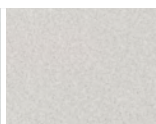
NICKEL



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.

