

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Support human-centric design with adaptive, individualized lighting using tunable white light
- 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 118 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** – Electrical – High quality mid-power LED board. L70 > 60,000 hours per IES TM-21. Tunable White products use LEDs of multiple CCTs and may produce a perceptibly different shade of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses. 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 - L65/8TW - DMA - OPTIONS - CONTROL - DALI - UNV

ORDERING INFO

SERIES	LENGTH ^[1]	LUMENS ^[2]	CRI	CCT	SHIELDING
75L	2 2'	2'	8 80	TW Tunable white (3000K-5000K)	DMA Diffuse matte acrylic, .080" thick
	4 4'	L25 2,500lm	9 90 ^[4]	TW2 Tunable white (2700K-6500K)	AF12125 Frosted acrylic, pattern #12, .125" thick
	8 8' ^[3]	L35 3,500lm			
		L65 6,500lm			
		L70 7,000lm			
		L130 13,000lm			

OPTIONS ^[5]

EM/10WLP	Low-profile 10-watt emergency battery ^[7]
EM/10WRM	Remote mount 10-watt emergency battery ^[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-L65/8TW-(L55)

CONTROL ^[6]

–	None
WS-FSP-311-L_-120/277	Wattstopper PIR motion and daylight sensor, 120/277. ^[13]

AIRCRAFT CABLES (EXAMPLE: ACF/D48) ^[12]

Prefix	Type	Length
ACF/	Feeder D 1" grid & hardpan	24 24"
ACJ/	Joiner N 9/16" grid	48 48"
	S Slot grid	96 96"

DRIVER ^[14]

DALI	Driver prewired for DALI applications
DIM	Dimming driver with (1) 0-10V signal to control dimming and (1) 0-10V signal to control CCT
DMX	Driver prewired for DMX applications
PSQ	Lutron T-Series 2-channel tunable white 1%.

VOLTAGE

120	120V
277	277V
UNV	120-277V

NOTES

- For actual length, see page 3 for FIXTURE DETAILS.
- Lumens based on 4000 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- Ships with (2) 4' lenses.
- Extended lead times may apply. Consult factory for availability.
- See page 3 for FINISH OPTIONS. See page 3 for MOUNTING DETAILS.
- See page 2 for CONTROL DETAILS.
- 4' and 8' only; must specify 120V or 277V. Not available with L65 and L130 lumen packages.
- Only available with 2' and L65 and L130 lumen packages.
- Required when row mounting with aircraft cables.
- Cord recommended, ships separately. See page 3 for MOUNTING DETAILS. Field-adjustable up and down in 7-1/2" increments.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- 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.
- Must specify lens: L2 or L3. Factory installed.
- See page 3 for DRIVER DETAILS.



FIXTURE PERFORMANCE DATA

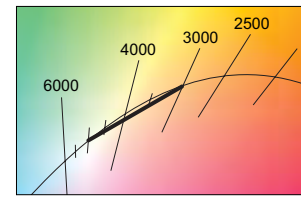
	LED PACKAGE	WATTAGE	DMA LENS		AF12125 LENS	
			DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)
2'	L25	26.9	2562	95.1	2949	109.6
4'	L35	34.2	3502	102.3	4030	117.8
	L65	64.4	6620	102.8	7620	118.3
8'	L70	68.5	7003	102.3	8061	117.7
	L130	128.8	13240	102.8	15240	118.3

- 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 4000K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

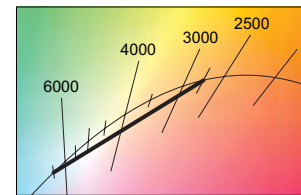
MULTIPLIER TABLE

	CCT	COLOR TEMPERATURE			
		TW		TW2	
		LUMENS	WATTAGE	LUMENS	WATTAGE
80 CRI	2700K	-	-	0.93	1.02
	3000K	0.95	1.04	0.95	1.01
	3500K	0.98	1.02	0.98	1.00
	4000K	1.00	1.00	1.00	1.00
	5000K	0.96	1.04	1.02	1.00
6500K	-	-	1.01	1.04	
90 CRI	2700K	-	-	0.93	1.02
	3000K	0.91	1.03	0.95	1.01
	3500K	0.96	1.01	0.98	1.00
	4000K	1.00	1.00	1.00	1.00
	5000K	1.03	1.03	1.03	1.00
	6500K	-	-	1.02	1.04

TW

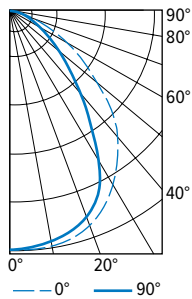


TW2



PHOTOMETRY

75L-4-L65/8TW-DMA Total Luminaire Output: 6621 lumens; 64.4 Watts | Efficacy: 103 lm/W | 80 CRI; 4000K CCT

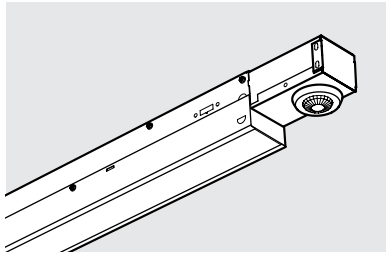


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2949	2949	2949	
5	3009	2932	2882	278
15	2862	2782	2707	784
25	2589	2476	2352	1140
35	2207	2037	1867	1277
45	1732	1522	1322	1187
55	1212	1030	874	940
65	752	612	512	626
75	362	285	240	312
85	83	60	57	76
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
		0 - 30	2203
	0 - 40	3480	53
	0 - 60	5607	85
	0 - 90	6621	100
	0 - 180	6621	100

CONTROL DETAILS

SENSOR PLACEMENT



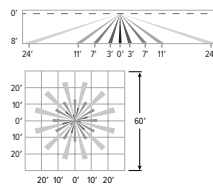
WS-FSP-311-L2-120/277

SPECIFICATIONS

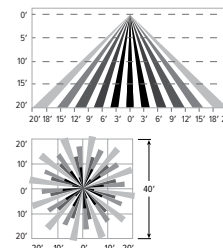
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' - 20'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 75°C
COMMISSIONING	App (iOS or Android)
MANUFACTURER	Wattstopper

SENSOR COVERAGE PATTERNS

L2 8' height: ø48' coverage

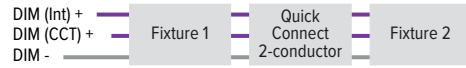


L3 20' height: ø40' coverage

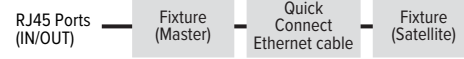


DRIVER DETAILS

DIM



DMX



DALI

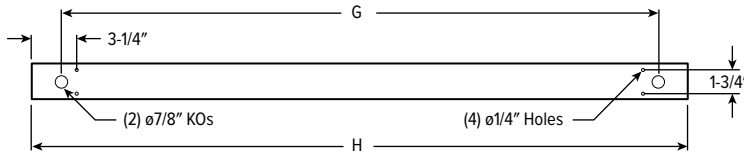


LUTRON T-SERIES



FIXTURE DETAILS

BACKVIEW

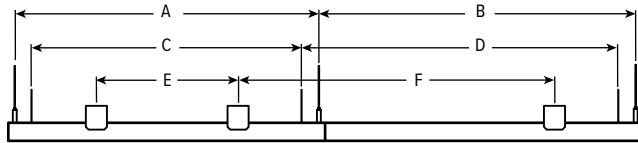


	7/8" KOs (G)	ACTUAL FIXTURE LENGTH (H)
2'	18-3/8"	22-1/2"
4'	40-1/2"	44-5/8"
8'	85-1/8"	89-1/4"

MOUNTING DETAILS

STAND ALONE

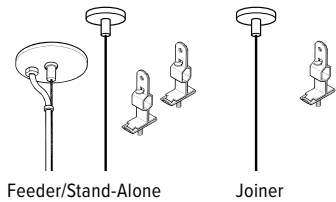
SUBSEQUENT



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.

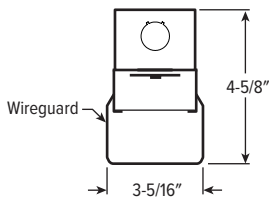
CORD FOR SUSPENDED PRODUCT

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

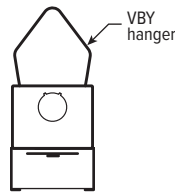
EXAMPLE: S2438/W					
CORD TYPE	LENGTH	# OF COND.	WIRE SIZE	COLOR	
S	24 24"	3	8	/W White /B Black	
	48 48"	4			
	96 96"	5			

MOUNTING ACCESSORIES DETAILS

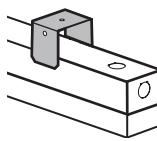
WG-75



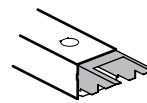
VBY



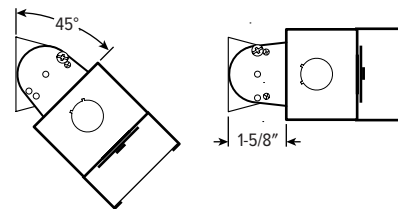
315



RA-75



45AMB



FINISH OPTIONS

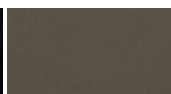
WHITE



BLACK



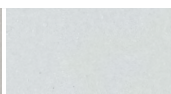
BRONZE



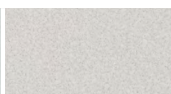
NICKEL



SILVER



ALUM



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.

