

75 Shown

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Small fixture profile allows inconspicuous placement in coves or confined spaces
- Round and square lensed fixtures provide a clean look for architectural environments
- Row applications produce continuous light with minimal interruption between fixtures
- Diffuse acrylic lens on 75R and 75S enhances uniformity and minimizes glare
- Variety of mounting accessories for surface and suspended applications
- Special reflectors are available to provide precise light distribution (75 only)
- Maximize energy savings with efficacies as high as 171 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.
- ELECTRICAL** – High quality mid-power LED board. Rated for 50,000 hours at 70% lumen maintenance (L70). 25°C maximum ambient operating temperature. 40°C maximum ambient operating temperature with HA Option, lumen restrictions apply, consult Fixture Performance Data.
- MOUNTING** – Surface (ceiling or wall) or suspended (hanging hardware required).
- LISTINGS** –
 - cETLus conforms to UL STD 1598. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations
 - DesignLights Consortium Premium qualified product. Not all versions of this product may be DLC Premium qualified, see the DLC Qualified Products List at designlights.org/GPL
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.



ORDERING EXAMPLE: 75 - 4 - L85/835 - OPTIONS - DIM - UNV

ORDERING INFO

SERIES	LENGTH ^[1]	LUMENS ^[2]	CRI	CCT	OPTIONS ^[3]
75	2 2'	2'	8 80	27 2700K	EM/7WRM Remote mount 7-watt emergency battery ^[5]
75R	3 3'	L15 1,500lm	9 90 ^[4]	30 3000K	EM/10WLP Low-profile 10-watt emergency battery ^[6]
75S	4 4'	L25 2,500lm		35 3500K	EM/10WRM Remote mount 10-watt emergency battery ^[7]
		L32 3,200lm			C2_ Two-circuit quick-connect wiring harness. ^[8]
		L42 4,200lm			WG-75 11-gauge white powder coat wireguard
		L60 6,000lm			315 1-1/2" ceiling spacer
		3'			VBV (2) Y-hangers
		L40 4,000lm			VBV-2 (2) Y-hangers and (2) 2' chains
		L64 6,400lm			RA-75 Row aligner ^[9]
		4'			45AMB (2) 45° adjustable mounting brackets ^[10]
		L30 3,000lm			(L_) Additional lower lumen packages available. ^[11]
		L50 5,000lm			Example: 7,000 nominal lumens = 75-4-L85/835-(L70)-DIM-UNV
L65 6,500lm					
L85 8,500lm					
L100 10,000lm					
L120 12,000lm					
8'					HA High ambient operating temperature, 40°C ^[12]
L60 6,000lm					OCCUPANCY SENSOR
L100 10,000lm					OCCWS FSP-311-L2-120/277 Digital high/low passive infrared with L2 lens, end mount, 120V or 277V ^[13]
L130 13,000lm					
L170 17,000lm					AIRCRAFT CABLES (EXAMPLE: ACF/D48) ^[14]
L200 20,000lm					Prefix Type Length
L240 24,000lm					ACF/ Feeder D 1" grid & hardpan 24 24"
					ACJ/ Joiner N 9/16" grid 48 48"
					S Slot grid 96 96"

CONTROL ^[15]

DIM	Dimming driver	120 120V
DRV	Non-dimming driver	277 277V
VDO/DSR	Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC) and sensor-ready driver	UNV 120-277V
VRF/DSR	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF) and sensor-ready driver	347 347V ^[16]

VOLTAGE

QUICKSHIP

4'	8'
75R-4-L50/835-QS-DIM-UNV	75R-8-L100/835-QS-DIM-UNV
75R-4-L50/840-QS-DIM-UNV	75R-8-L100/840-QS-DIM-UNV
75S-4-L50/835-QS-DIM-UNV	75S-8-L100/835-QS-DIM-UNV
75S-4-L50/840-QS-DIM-UNV	75S-8-L100/840-QS-DIM-UNV

NOTES

- For actual length, see page 4 for **FIXTURE DETAILS**
- Lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see page 2 for **FIXTURE PERFORMANCE DATA**.
- See page 5 for **FINISH OPTIONS**. See page 4 for **MOUNTING DETAILS**. See page 5 for **SPECIAL REFLECTORS**.
- Extended lead times may apply. Consult factory for availability.
- Not available with 2' L60, 4' L120 and 8' L240 lumen packages.
- 4' and 8' only; Not available with 4' L120 and 8' L240 lumen packages.
- 2' and 3' only; Not available with 2' L60 lumen package.
- See page 4 for **QUICK CONNECT OPTIONS**.
- Required when row mounting with aircraft cables.
- Cord recommended, ordered separately. See page 4 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.
- Not available with 2' L60, 4' L120 and 8' L240 lumen packages. Lumen restrictions apply. See page 2 for **FIXTURE PERFORMANCE DATA**.
- See page 5 for **OCCUPANCY SENSOR DETAILS**.
- Units specified with aircraft cable require cord. See page 4 for **MOUNTING DETAILS**. Requires RA-75 row aligner. See page 4 for **MOUNTING ACCESSORIES DETAILS**.
- See page 3 for **ADDITIONAL CONTROL OPTIONS**.
- Not available with EM drivers.



FIXTURE PERFORMANCE DATA

		75 (NO LENS)		75R & 75S		
LED PACKAGE	WATTAGE	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	
2'	L15	10.8	1592	147.5	1511	140.1
	L25	18.2	2602	142.7	2470	135.5
	L32	21.3	3092	145.5	2936	138.1
	L42	31.4	4344	138.5	4124	131.5
	L60	43.6	6052	138.9	5746	131.9
3'	L40	28.2	4092	145.2	3885	137.9
	L64	48.2	6593	136.9	6259	130.0
4'	L30	19.7	3071	155.8	2916	147.9
	L50	33.0	5126	155.5	4867	147.6
	L65	42.3	6313	149.3	5994	141.7
	L85	56.2	8530	151.7	8098	144.0
	L100	68.3	10154	148.8	9640	141.2
8'	L120	85.9	12105	141.0	11492	133.9
	L60	35.3	5814	164.9	5520	156.6
	L100	65.9	10078	152.9	9568	145.1
	L130	87.9	13011	148.1	12353	140.6
	L170	112.4	17060	151.7	16197	144.0
	L200	136.5	20309	148.8	19281	141.2
	L240	171.7	24209	141.0	22984	133.9

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.

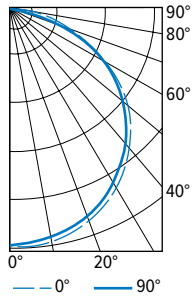
AMBIENT TEMPERATURE

		LUMENS	EM	NO EM
2'	L15			
	L25	40		40
	L32			
3'	L42	35		
	L60	—	—	—
4'	L40	35	40	
	L64	30	35	
8'	L30			
	L50	40		40
	L65			
	L85	35		
	L100	30	30	
8'	L120	—	—	—
	L60	40	40	
	L100			
	L130	35	35	
	L170			
8'	L200	30	30	
	L240	—	—	—

- Maximum ambient operating temperature (°C) when specified with HA option.

PHOTOMETRY

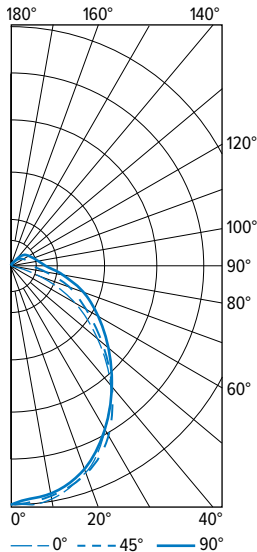
75-4-L85/835-DIM Total Luminaire Output: 8530 lumens; 56.2 Watts | Efficacy: 152 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2896	2896	2896	
5	2917	2887	2876	275
15	2837	2799	2791	792
25	2663	2624	2610	1213
35	2415	2366	2338	1484
45	2066	2006	1990	1552
55	1634	1580	1560	1415
65	1124	1069	1048	1070
75	581	543	531	582
85	104	116	101	144
90	9	14	9	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2279	27
	0 - 40	3763	44
	0 - 60	6730	79
	0 - 90	8527	100
	0 - 180	8530	100

75R-4-L85/835 Total Luminaire Output: 8098 lumens; 56.2 Watts | Efficacy: 144 lm/W | 80 CRI; 3500K CCT

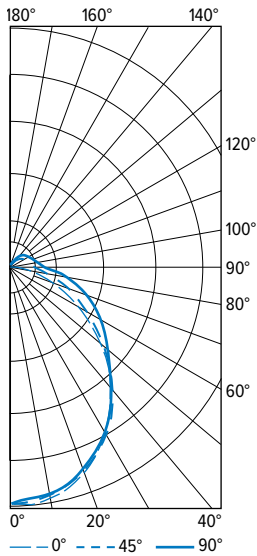


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2594	2594	2594	
5	2622	2585	2553	246
15	2503	2497	2480	703
25	2256	2306	2324	1059
35	1915	2042	2111	1264
45	1481	1673	1824	1281
55	1003	1296	1488	1135
65	620	942	1117	891
75	267	630	775	613
85	63	401	501	378
90	9	311	407	
95	1	249	329	225
105	0	150	219	136
115	0	94	149	83
125	0	53	102	47
135	0	28	63	24
145	0	12	35	10
155	0	6	16	3
165	0	0	4	0
175	0	0	0	0
180	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2008	25
	0 - 40	3272	40
	0 - 60	5688	70
	0 - 90	7570	94
	90 - 120	443	6
	90 - 150	524	7
	90 - 180	527	7
	0 - 180	8098	100



75S-4-L85/835 Total Luminaire Output: 8098 lumens; 56.2 Watts | Efficacy: 144 lm/ W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2732	2732	2732	
5	2756	2720	2682	258	
15	2633	2611	2579	734	
25	2351	2362	2323	1083	
35	1969	2010	1965	1247	
45	1516	1554	1583	1209	
55	1053	1160	1291	1051	
65	618	840	1022	826	
75	270	542	745	563	
85	47	323	491	332	
90	0	246	390		
95	0	230	344	223	
105	0	200	291	185	
115	0	171	256	149	
125	0	139	216	110	
135	0	96	166	71	
145	0	58	113	38	
155	0	36	63	16	
165	0	17	31	4	
175	0	0	0	0	
180	0	0	0	0	

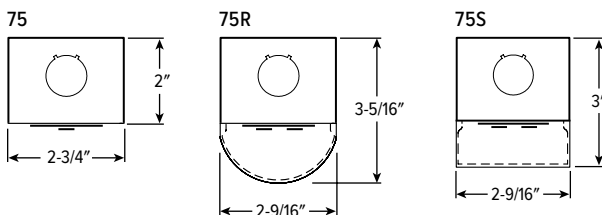
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2075	26
	0 - 40	3321	41
	0 - 60	5581	69
	0 - 90	7301	90
	90 - 120	557	7
	90 - 150	777	10
	90 - 180	797	10
	0 - 180	8098	100

ADDITIONAL CONTROL OPTIONS

Note: Lumen restrictions apply, consult product builder at hew.com/product-builder.

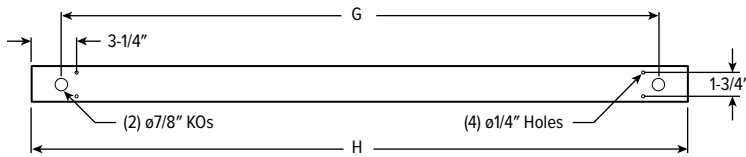
CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC	Line voltage dimming driver (TRIAC compatible, 120V or 277V only)
DSR	Sensor-ready driver
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
VDO/DSR	Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC) and sensor-ready driver
VRF/DSR	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF) and sensor-ready driver
VDO/DBI/LDE1	Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC), Lutron Hi-lume 1% EcoSystem dimming LED driver, and digital link interface
VDO/DBI/LDE5	Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC), Lutron 5-Series 5% EcoSystem dimming LED driver, and digital link interface
VRF/DBI/LDE1	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF), Lutron Hi-lume 1% EcoSystem dimming LED driver, and digital link interface
VRF/DBI/LDE5	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF), Lutron 5-Series 5% EcoSystem dimming LED driver, and digital link interface
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

CROSS SECTIONS



FIXTURE DETAILS

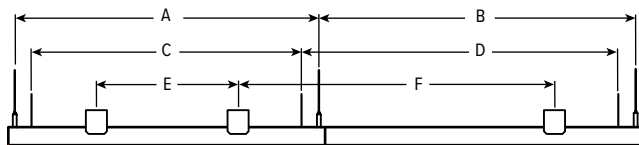
BACKVIEW



	7/8" KOs (G)	ACTUAL FIXTURE LENGTH (H)
2'	18-3/8"	22-1/2"
3'	29-1/2"	33-9/16"
4'	40-1/2"	44-5/8"
8'	85-1/8"	89-1/4"

MOUNTING DETAILS

STAND ALONE

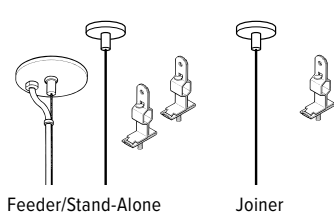


SUBSEQUENT

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"
3'	32-1/2"	33-9/16"	30-1/16"	33-9/16"	21"	33-9/16"
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.

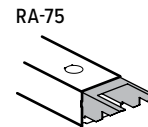
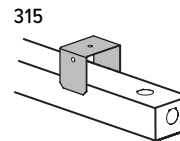
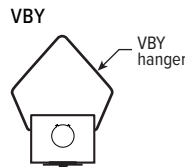
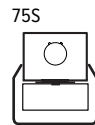
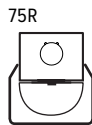
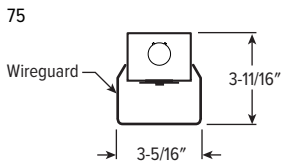
CORD FOR SUSPENDED PRODUCT

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

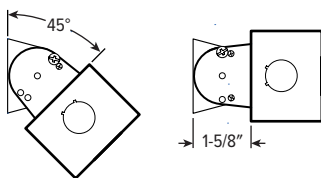
EXAMPLE: S2438/W				
CORD TYPE	LENGTH	# OF COND.	WIRE SIZE	COLOR
S	24 24"	3	8	/W White /B Black
	48 48"	4		
	96 96"	5		

MOUNTING ACCESSORIES DETAILS

WG-75



45AMB



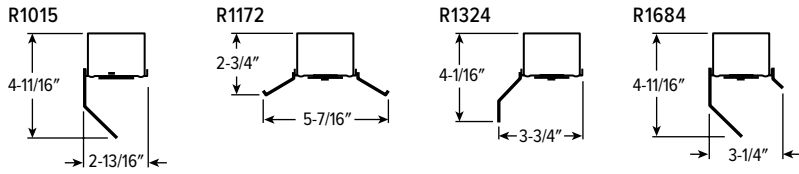
QUICK CONNECT OPTIONS

Note: Quick connect wiring required for row mounting. Length restrictions may apply, consult product builder at 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/RV	5	White, Black, Red, Gray, Green	White, Black/Red, Gray	0-10V 4-wire Low Voltage Dimming (DIM)

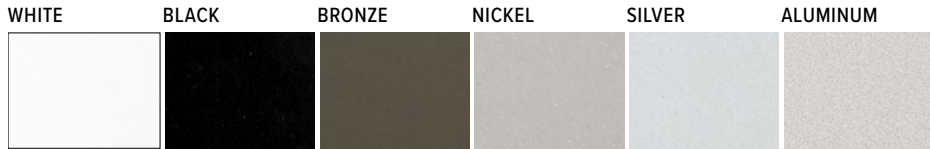


SPECIAL REFLECTORS



Reflectors are ordered separately, only available with 75, cannot be used with wireguard accessories.
Example: R1172-4-75LED REFL

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.

OCCUPANCY SENSOR DETAILS

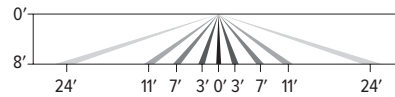
ORDERING EXAMPLE: OCCWS FSP-311-L2-120/277

FEATURES

- Fully adjustable high and low dimmed light levels.
- Designed for LED fixtures; rated for up to 200,000 on/off cycles.
- Hold-off setpoint with automatic calibration option for convenience and added energy savings.
- Adjustable via sensor configuration app.
- Adjustable time delay and cutoff delay.
- Factory set to 10% dimming at 5 minutes, cutoff at 1 hour.

LENS COVERAGE PATTERNS

L2 Coverage at 8' mounting height: ø48'



SENSOR CONFIGURATION APP

Initial setup and subsequent sensor adjustments are made using the iOS or Android Sensor Configuration App. This app enables adjustment of parameters including high and low modes, sensitivity, time delay, cut off and more. The smartphone app is also used to initiate automatic calibration of the FSP-3x1B ambient light level setpoint. The setpoint is used to hold the controlled lighting off or at low level when there is sufficient daylight. The wireless tool stores an unlimited number of sensor parameter profiles to speed configuration of multiple sensors.

Visit www.wattstopper.com for more information.