

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.
- 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 ^[8]
75R	3 3'	L15 1,500lm	9 90 ^[7]	30 3000K	EM/10WLP Low-profile 10-watt emergency battery ^[9]
75S	4 4'	L20 2,000lm		35 3500K	EM/10WRM Remote mount 10-watt emergency battery ^[10]
	8 8'	L30 3,000lm		40 4000K	C2__ Two-circuit quick-connect wiring harness. ^[11]
		L40 4,000lm ^[4]		50 5000K	WG-75 11-gauge white powder coat wireguard
		3'			315 1-1/2" ceiling spacer
		L40 4,000lm			VBV (2) Y-hangers
		4'			VBV-2 (2) Y-hangers and (2) 2' chains
		L30 3,000lm			RA-75 Row aligner ^[12]
		L50 5,000lm			45AMB (2) 45° adjustable mounting brackets ^[13]
		L65 6,500lm			(L__) Additional lower lumen packages available. ^[14]
		L85 8,500lm ^[5]			Example: 7,000 nominal lumens = 75-4-L85/835-(L70)-DIM-UNV
		8'			
		L60 6,000lm			
		L100 10,000lm			
		L130 13,000lm			
		L170 17,000lm ^[6]			

MOUNTING (EXAMPLE: AC/D48) ^[15]

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

CONTROL ^[16]

DIM	Dimming driver
DRV	Non-dimming 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

VOLTAGE

120	120V
277	277V
UNV	120-277V
347	347V ^[17]

QUICKSHIP

4'	8'
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.
- Available with 75 only.
- Available with 75 only.
- Available with 75 only.
- Extended lead times may apply. Consult factory for availability.
- 120-277V only
- 4' and 8' only; must specify 120V or 277V
- 2' and 3' only; must specify 120V or 277V
- 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.
- Required with suspended mount fixtures. 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	147.4	1496	138.6
	L20	14.5	2102	145.0	1976	136.3
	L30	21.3	3092	145.2	2906	136.5
	L40	25.2	3832	152.1	-	-
3"	L40	26.9	3929	146.1	3693	137.3
	L30	19.6	3011	153.6	2830	144.4
4"	L50	31.2	5360	171.8	5038	161.5
	L65	42.3	6313	149.2	5934	140.3
	L85	59.6	8384	140.7	-	-
	L60	35.5	5814	163.8	5465	153.9
8"	L100	63.5	10038	158.1	9436	148.6
	L130	85.5	13069	152.9	12285	143.7
	L170	119.2	17268	144.9	-	-

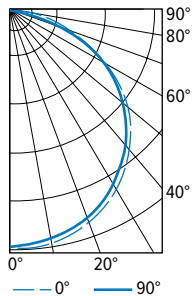
MULTIPLIER TABLE

		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.

PHOTOMETRY

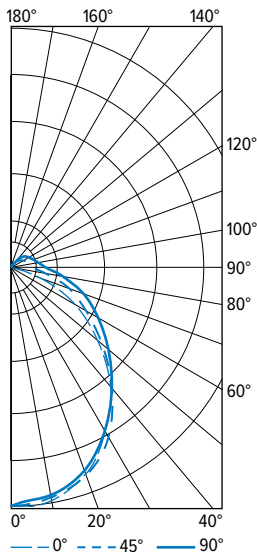
75-4-L85/835-DIM Total Luminaire Output: 8384 lumens; 59.6 Watts | Efficacy: 140.7 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2846	2846	2846	
5	2867	2838	2827	270
15	2788	2751	2743	778
25	2618	2579	2565	1192
35	2374	2326	2298	1458
45	2030	1972	1956	1526
55	1606	1553	1533	1391
65	1104	1051	1030	1052
75	571	534	522	572
85	102	114	99	142
90	9	14	9	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2240	27
	0 - 40	3699	44
	0 - 60	6615	79
	0 - 90	8381	100
	0 - 180	8383	100

75R-4-L65/835 Total Luminaire Output: 5934 lumens; 42.3 Watts | Efficacy: 140.3 lm/W | 80 CRI; 3500K CCT



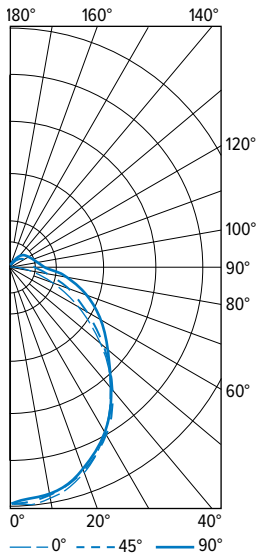
VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1901	1901	1901	
5	1921	1894	1871	180
15	1834	1830	1817	515
25	1653	1690	1703	776
35	1403	1496	1547	926
45	1085	1226	1336	939
55	735	950	1090	832
65	455	690	818	653
75	196	462	568	449
85	46	294	367	277
90	6	228	298	
95	1	182	241	165
105	0	110	161	99
115	0	69	109	61
125	0	39	74	34
135	0	21	46	17
145	0	9	25	7
155	0	5	12	2
165	0	0	3	0
175	0	0	0	0
180	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1471	25
	0 - 40	2398	40
	0 - 60	4168	70
	0 - 90	5547	94
	90 - 120	325	6
	90 - 150	384	7
	90 - 180	386	7
	0 - 180	5934	100



75 LED Narrow Strip

75S-4-L65/835 Total Luminaire Output: 5934 lumens; 42.3 Watts | Efficacy: 140.3 lm/ W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2002	2002	2002	
	5	2019	1993	1965	189
	15	1930	1913	1890	538
	25	1723	1731	1702	794
	35	1443	1473	1440	913
	45	1111	1138	1160	886
	55	771	850	946	770
	65	453	615	749	605
	75	198	397	546	412
	85	34	237	360	243
	90	0	180	286	
	95	0	169	252	164
	105	0	147	213	135
	115	0	125	188	109
	125	0	102	159	81
	135	0	71	121	52
	145	0	43	82	28
	155	0	26	46	12
	165	0	13	23	3
	175	0	0	0	0
	180	0	0	0	

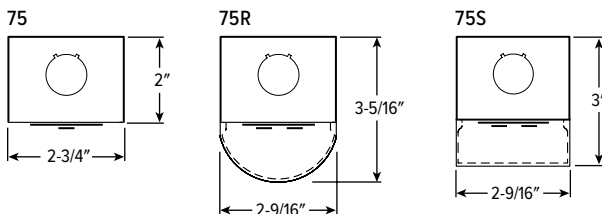
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1520	26
	0 - 40	2434	41
	0 - 60	4090	69
	0 - 90	5350	90
	90 - 120	408	7
	90 - 150	569	10
	90 - 180	584	10
	0 - 180	5934	100

ADDITIONAL CONTROL OPTIONS

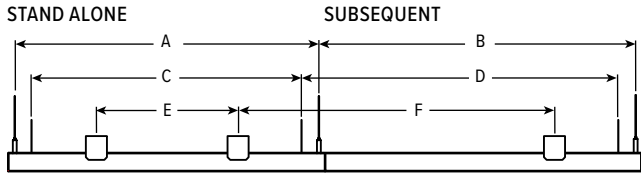
Note: Lumen restrictions apply, consult product builder at hew.com/product-builder.

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)
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



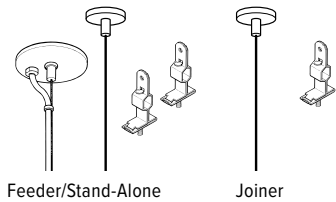
MOUNTING DETAILS



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"
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.

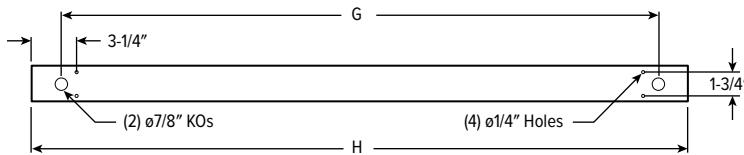
CORD FOR SUSPENDED PRODUCT

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	
	48 48"	4		/B Black	
	96 96"	5			

FIXTURE DETAILS

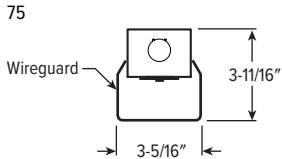
BACKVIEW



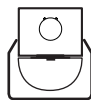
	7/8" KOs (G)	ACTUAL FIXTURE LENGTH (H)
2'	18-3/8"	22-1/2"
3'	29-1/2"	33-9/16"
4'	40-1/2"	44-5/8"
8'	85-1/8"	89-1/4"

MOUNTING ACCESSORIES DETAILS

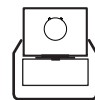
WG-75



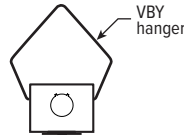
75R



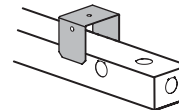
75S



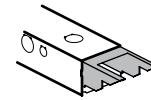
VBY



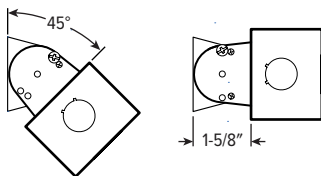
315



RA-75



45AMB



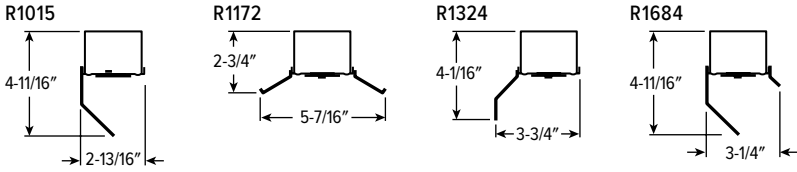
QUICK CONNECT OPTIONS

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)

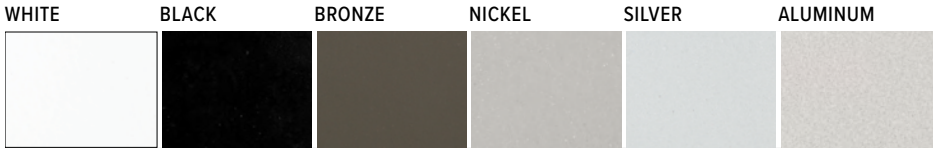


SPECIAL REFLECTORS



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.

