

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)
- 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.
- 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/QPL
- 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'	L40 4,000lm			315 1-1/2" ceiling spacer
	4'	L30 3,000lm			VBY (2) Y-hangers
		L50 5,000lm			S1 VBY-2 (2) Y-hangers and (2) 2' chains
		L65 6,500lm			RA-75 Row aligner ^[12]
	8'	L85 8,500lm ^[5]			
		L60 6,000lm			
		L100 10,000lm			
		L130 13,000lm			
		L170 17,000lm ^[6]			

MOUNTING (EXAMPLE: AC/D48) ^[13]

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

CONTROL ^[14]

DIM	VOLTAGE
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 ^[15]

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 4 for FIXTURE DETAILS. 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 mounting with aircraft cables
- Requires RA-75 row aligner. See page 4 for MOUNTING DETAILS.
- See page 3 for ADDITIONAL CONTROL OPTIONS.
- Not available with EM drivers



FIXTURE PERFORMANCE DATA

	LED PACKAGE	WATTAGE	75 (NO LENS)		75R & 75S	
			DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)
2'	L15	12	1457	121	1370	114
	L20	15	1927	128	1812	121
	L30	23	2872	125	2700	117
	L40	34	3830	113	—	—
3'	L40	30	4020	134	3750	125
	L30	22	3162	149	2973	135
	L50	42	5463	130	5135	122
4'	L65	52	6620	127	6223	120
	L85	73	8521	117	—	—
	L60	44	6456	147	6069	138
8'	L100	81	10927	135	10272	127
	L130	103	13240	129	12446	119
	L170	145	17041	118	—	—

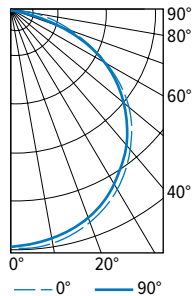
MULTIPLIER TABLE

	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	0.82
	3000K	0.83
	3500K	0.84
	4000K	0.86
	5000K	0.90

- 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

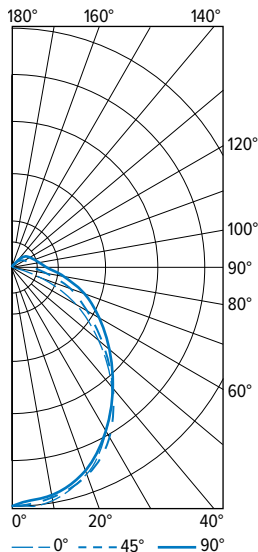
75-4-L85/840-DIM Report #: 17875.0; 01/03/14 | Total Luminaire Output: 8470 lumens; 71.6 Watts | Efficacy: 118.3 lm/W | 83.6 CRI; 4053K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2874	2874	2874	
5	2895	2865	2854	274
15	2815	2778	2770	789
25	2643	2604	2590	1208
35	2397	2348	2320	1480
45	2050	1991	1975	1546
55	1622	1568	1548	1412
65	1115	1061	1040	1068
75	577	539	527	574
85	103	115	100	118
90	9	14	9	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2271	27
	0 - 40	3751	44
	0 - 60	6710	79
	0 - 90	8470	100
	0 - 180	8470	100

75R-4-L65/835 Report #: 19750.0; 03/02/17 | Total Luminaire Output: 6223 lumens; 52 Watts | Efficacy: 120 lm/W | 84.5 CRI; 3515K CCT



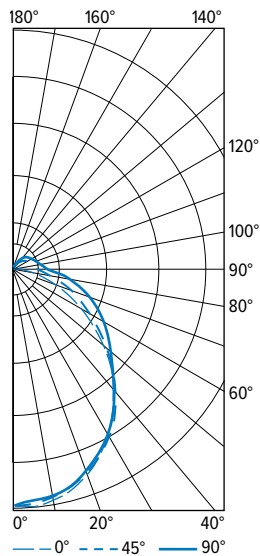
VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1993	1993	1993	
5	2015	1986	1962	189
15	1924	1919	1906	540
25	1733	1772	1786	814
35	1472	1569	1622	972
45	1138	1285	1401	984
55	771	996	1144	872
65	477	724	858	685
75	205	484	596	471
85	49	308	385	291
90	7	239	313	
95	1	191	253	173
105	0	115	168	104
115	0	72	114	64
125	0	41	78	36
135	0	22	49	18
145	0	10	27	8
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	1543	25
	0 - 40	2515	40
	0 - 60	4371	70
	0 - 90	5817	94
	90 - 120	341	6
	90 - 150	403	7
	90 - 180	405	7
	0 - 180	6223	100



75 LED Narrow Strip

75S-4-L65/835 Report #: 19745.0; 03/02/17 | Total Luminaire Output: 6223 lumens; 52 Watts | Efficacy: 120 lm/W | 84.6 CRI; 3518K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2100	2100	2100	
5	2118	2090	2061	198
15	2024	2007	1982	564
25	1807	1815	1785	832
35	1513	1545	1510	958
45	1165	1194	1217	929
55	809	892	992	807
65	475	645	785	635
75	207	416	572	432
85	36	248	377	255
90	0	189	299	
95	0	177	264	172
105	0	154	223	142
115	0	131	197	115
125	0	106	166	85
135	0	74	127	55
145	0	45	86	29
155	0	28	48	12
165	0	13	24	3
175	0	0	0	0
180	0	0	0	

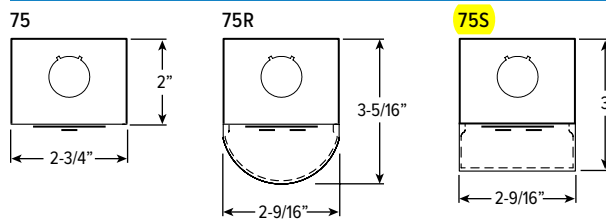
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1594	26
	0 - 40	2552	41
	0 - 60	4289	69
	0 - 90	5611	90
	90 - 120	428	7
	90 - 150	597	10
	90 - 180	612	10
	0 - 180	6223	100

ADDITIONAL CONTROL OPTIONS

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

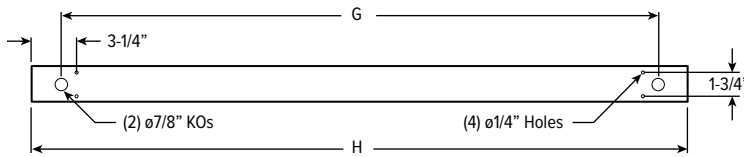
CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (Must specify 120V or 277V only)
DSR	Sensor-ready driver
SD40	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



FIXTURE DETAILS

BACKVIEW

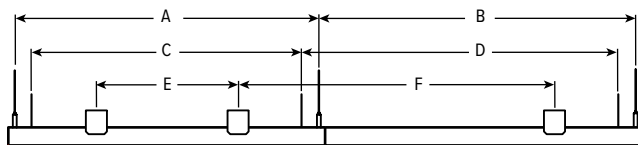


	7/8" KOs (G)	ACTUAL FIXTURE LENGTH (H)
2'	18-3/8"	22-1/2"
3'	29-1/2"	33-9/16"
4'	40-1/2"	44-5/8"
8'	85-1/8"	89-1/4"

MOUNTING DETAILS

STAND ALONE

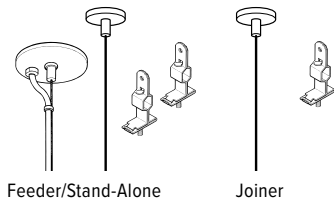
SUBSEQUENT



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 (Grid and Hardpan)



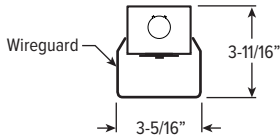
Notes:

- 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.

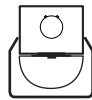
MOUNTING ACCESSORIES DETAILS

WG-75

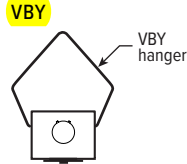
75



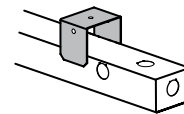
75R



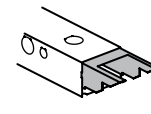
75S



315



RA-75



FINISH OPTIONS

WHITE

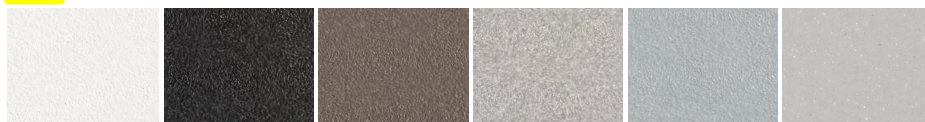
BLACK

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.

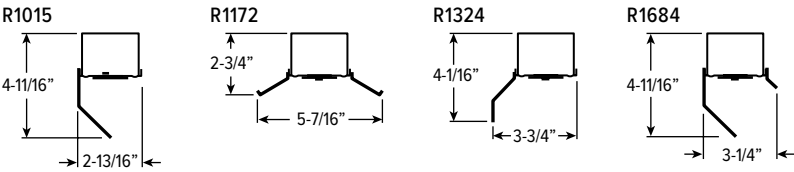
QUICK CONNECT OPTIONS

Note: Quick connect wiring not available in 2' and 3' architectural products.

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/R	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

