

75 Shown

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Easily change the color temperature on-site with fieldseleCCT[®] technology
- Three switchable CCT settings provide ultimate flexibility – 3000K, 3500K and 4000K
- 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 164 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 boards with switchable CCT – 3000K, 3500K, and 4000K. L70 >50,000 hours. fieldseleCCT[®] 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 MacAdams ellipses.
- 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
- WARRANTY – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: 75 - 4 - L60/8FS - OPTIONS - DIM - UNV

ORDERING INFO

SERIES	LENGTH ^[1]	LUMENS ^[2]	CRI	CCT	OPTIONS ^[3]
75	2 2'	2'	8 80	FS fieldseleCCT 3000K, 3500K, 4000K	EM/7WRM Remote mount 7-watt emergency battery ^[4]
75R	4 4'	L15 1,500lm L20 2,000lm			EM/10WLP Low-profile 10-watt emergency battery ^[5]
75S	8 8'	L30 3,000lm 4' L27 2,700lm L45 4,500lm L60 6,000lm 8' L56 5,600lm L90 9,000lm L120 12,000lm			EM/10WRM Remote mount 10-watt emergency battery ^[6] C2__ Two-circuit quick-connect wiring harness. ^[7] WG-75 11-gauge white powder coat wireguard 315 1-1/2" ceiling spacer VBY (2) Y-hangers VBY-2 (2) Y-hangers and (2) 2' chains RA-75 Row aligner ^[8] 45AMB (2) 45° adjustable mounting brackets ^[9]

AIRCRAFT CABLES (EXAMPLE: ACF/D48) ^[10]

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

CONTROL ^[11]		VOLTAGE
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 347 347V ^[12]
VRF/DSR	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF) and sensor-ready driver	

NOTES

- ¹ For actual length, see page 4 for FIXTURE DETAILS.
- ² Lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- ³ See page 4 for FINISH OPTIONS. See page 4 for MOUNTING DETAILS. See page 5 for SPECIAL REFLECTORS.
- ⁴ 120-277V only.
- ⁵ 4' and 8' only; must specify 120V or 277V.
- ⁶ 2' and 3' only; must specify 120V or 277V.
- ⁷ See page 5 for QUICK CONNECT OPTIONS.
- ⁸ Required when row mounting with aircraft cables.
- ⁹ Cord recommended, ordered separately. See page 4 for MOUNTING DETAILS. Field-adjustable up and down in 7-1/2" increments.
- ¹⁰ 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.
- ¹¹ See page 3 for ADDITIONAL CONTROL OPTIONS.
- ¹² 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	10.5	1586	150.5	1491	141.4
	L20	13.9	2076	149.5	1951	140.5
	L30	20.0	3078	154.0	2893	144.7
4'	L27	17.5	2699	154.3	2537	145.1
	L45	29.6	4654	157.1	4375	147.6
	L60	40.3	6157	152.6	5788	143.5
8'	L56	34.7	5709	164.3	5366	154.5
	L90	57.2	9140	159.8	8592	150.2
	L120	76.9	12149	158.0	11420	148.5

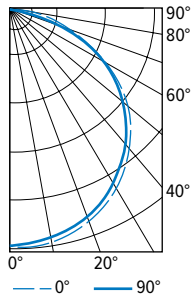
MULTIPLIER TABLE

COLOR TEMPERATURE	
CCT	CONVERSION FACTOR
3000K	0.94
3500K	1.00
4000K	0.95

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is based on 120V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

PHOTOMETRY

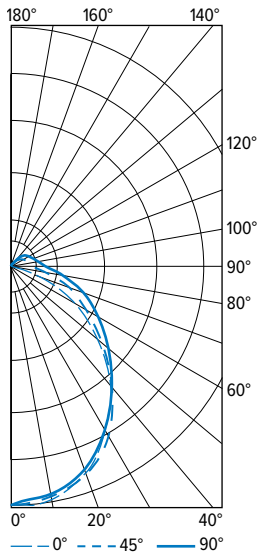
75-4-L60/8FS-DIM_3500K Total Luminaire Output: 6157 lumens | 40.3 Watts | Efficacy: 152.6 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2090	2090	2090	
5	2106	2084	2076	198
15	2047	2021	2015	572
25	1922	1894	1884	876
35	1743	1708	1687	1071
45	1491	1448	1437	1121
55	1180	1140	1126	1021
65	811	772	756	773
75	420	392	383	420
85	75	84	73	104
90	7	10	7	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1645	27
	0 - 40	2716	44
	0 - 60	4858	79
	0 - 90	6155	100
	0 - 180	6157	100

75R-4-L60/8FS_3500K Total Luminaire Output: 5788 lumens | 40.3 Watts | Efficacy: 143.5 lm/W | 80 CRI; 3500K CCT

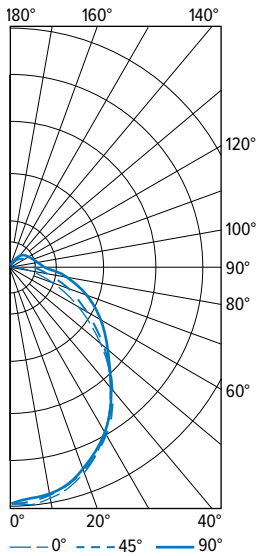


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1854	1854	1854	
5	1874	1848	1825	176
15	1789	1785	1772	502
25	1612	1649	1661	757
35	1369	1459	1509	904
45	1058	1195	1303	916
55	717	926	1064	811
65	443	673	798	637
75	191	450	554	438
85	45	287	358	270
90	6	222	291	
95	1	178	235	161
105	0	107	157	97
115	0	67	106	59
125	0	38	73	34
135	0	20	45	17
145	0	9	25	7
155	0	4	12	2
165	0	0	3	0
175	0	0	0	0
180	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1435	25
	0 - 40	2339	40
	0 - 60	4066	70
	0 - 90	5411	94
	90 - 120	317	6
	90 - 150	374	7
	90 - 180	377	7
	0 - 180	5788	100



75S-4-L60/8FS_3500K Total Luminaire Output: 5788 lumens | 40.3 Watts | Efficacy: 143.5 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1953	1953	1953	
5	1970	1944	1917	185
15	1882	1866	1843	524
25	1681	1689	1660	774
35	1407	1437	1405	891
45	1084	1110	1132	864
55	752	829	923	751
65	442	600	730	590
75	193	387	532	402
85	34	231	351	237
90	0	176	278	
95	0	164	246	160
105	0	143	208	132
115	0	122	183	107
125	0	99	155	79
135	0	69	118	51
145	0	42	80	27
155	0	26	45	11
165	0	12	22	3
175	0	0	0	0
180	0	0	0	0

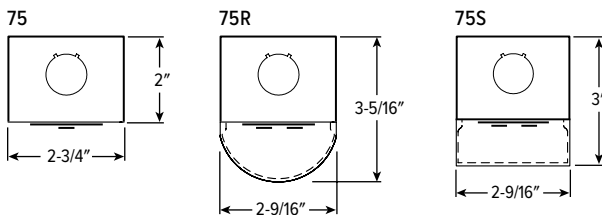
ZONE	LUMENS	% FIXTURE
0 - 30	1483	26
0 - 40	2374	41
0 - 60	3989	69
0 - 90	5218	90
90 - 120	398	7
90 - 150	555	10
90 - 180	570	10
0 - 180	5788	100

ADDITIONAL CONTROL OPTIONS

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

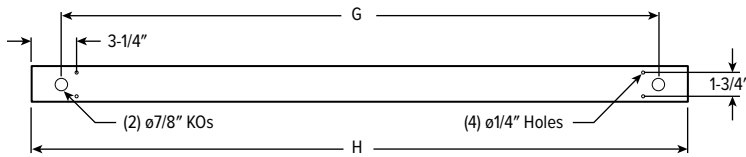
CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC	Line voltage 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"
4'	40-1/2"	44-5/8"
8'	85-1/8"	89-1/4"

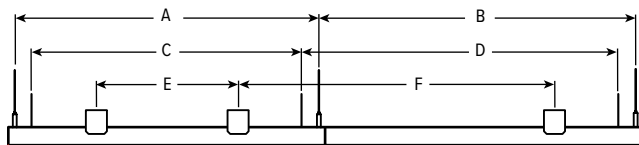
fieldseleCCT SWITCH DETAIL



MOUNTING DETAILS

STAND ALONE

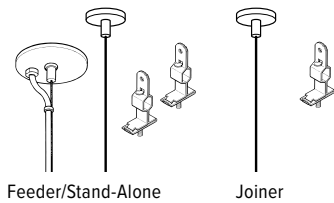
SUBSEQUENT



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.

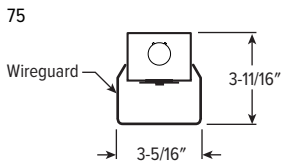
CORD FOR SUSPENDED PRODUCT

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	
	48 48"	4		/B Black	
	96 96"	5			

MOUNTING ACCESSORIES DETAILS

WG-75



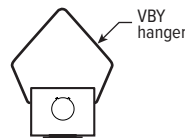
75R



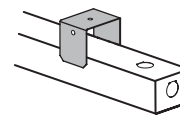
75S



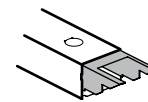
VBY



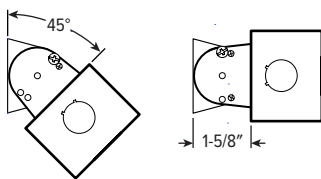
315



RA-75



45AMB



FINISH OPTIONS

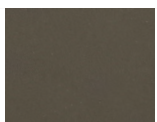
WHITE



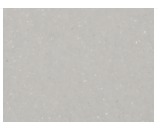
BLACK



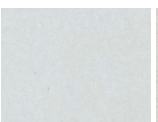
BRONZE



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.

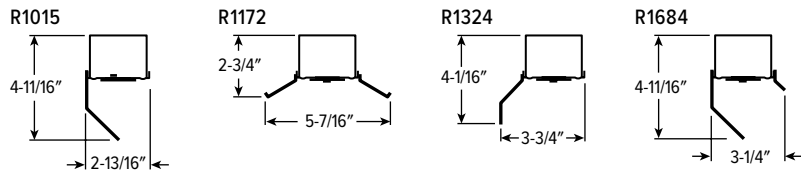


QUICK CONNECT OPTIONS

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