75 fieldseleCCT® Narrow Strip

CATALOG #: _____

2"

2-3/4"

75 Shown

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

MOUNTING (EXAMPLE: AC/D48) [10]

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

CONTROL [11]

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 [12]

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. 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.
11. See page 3 for ADDITIONAL CONTROL OPTIONS.
12. Not available with EM drivers

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Strips
Page 1 of 5

75 fieldseleCCT®
Narrow Strip

FIXTURE PERFORMANCE DATA

	LED PACKAGE	WATTAGE	75 (NO LENS)		75R & 75S	
			DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)
2'	L15	10.5	1586	150.5	1491	141.4
2'	L20	13.9	2076	149.5	1951	140.5
2'	L30	20.0	3078	154.0	2893	144.7
4'	L27	17.5	2699	154.3	2537	145.1
4'	L45	29.6	4654	157.1	4375	147.6
4'	L60	40.3	6157	152.6	5788	143.5
8'	L56	34.7	5709	164.3	5366	154.5
8'	L90	57.2	9140	159.8	8592	150.2
8'	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
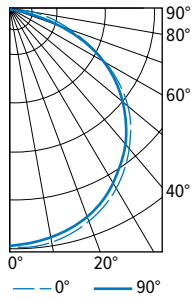
VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2090	2090	2090	
5	2106	2084	2076	198
15	2047	2021	2015	572
25	1922	1894	1884	876
35	1743	1708	1687	1071
45	1491	1448	1437	1121
55	1180	1140	1126	1021
65	811	772	756	773
75	420	392	383	420
85	75	84	73	104
90	7	10	7	

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

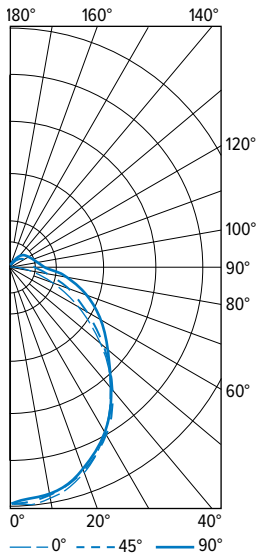**75R-4-L60/8FS_3500K** Total Luminaire Output: 5788 lumens | 40.3 Watts | Efficacy: 143.5 lm/W | 80 CRI; 3500K CCT
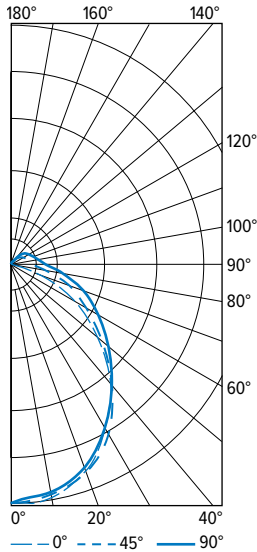
VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1854	1854	1854	
5	1874	1848	1825	176
15	1789	1785	1772	502
25	1612	1649	1661	757
35	1369	1459	1509	904
45	1058	1195	1303	916
55	717	926	1064	811
65	443	673	798	637
75	191	450	554	438
85	45	287	358	270
90	6	222	291	
95	1	178	235	161
105	0	107	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	

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

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Strips
Page 2 of 5

75 fieldseleCCT® Narrow Strip

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
	0º	45º	90º	
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	

CANDLEPOWER DISTRIBUTION

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	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 (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

75 — 2", 2-3/4"
75R — 3-5/16", 2-9/16"
75S — 3", 2-9/16"

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Strips
Page 3 of 5

75 fieldseleCCT®
Narrow Strip

MOUNTING DETAILS

STAND ALONE / SUBSEQUENT
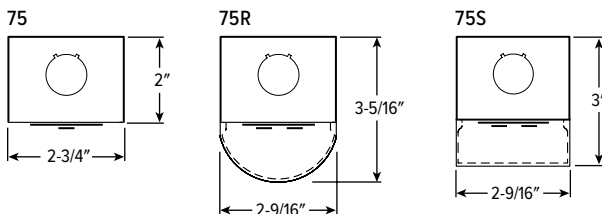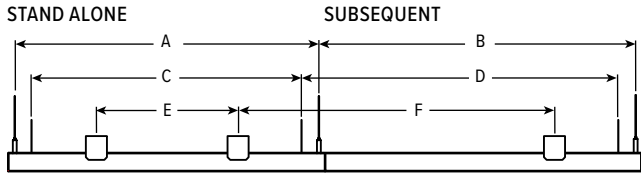
MOUNTING LENGTH

	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)

Feeder/Stand-Alone   Joiner
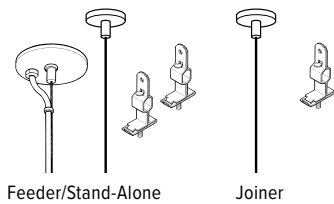
Notes:

- 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" **48** 48" **96** 96"	3 4 5	8	/W White /B Black

FIXTURE DETAILS

BACKVIEW

3-1/4"

(2) ø7/8" KOs   (4) ø1/4" Holes

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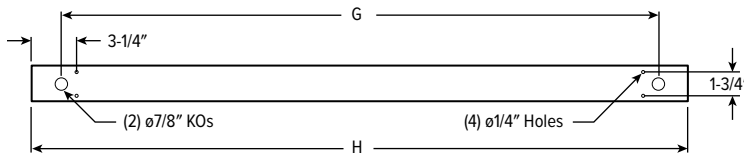
	7/8" KOs (G)	ACTUAL FIXTURE LENGTH (H)
2'	18-3/8"	22-1/2"
4'	40-1/2"	44-5/8"
8'	85-1/8"	89-1/4"

fieldseleCCT SWITCH DETAIL

MOUNTING ACCESSORIES DETAILS

WG-75
75

Wireguard

3-11/16"

3-5/16"

75R   75S

VBY

VBY hanger

315

RA-75

45AMB

45°

1-5/8"

FINISH OPTIONS

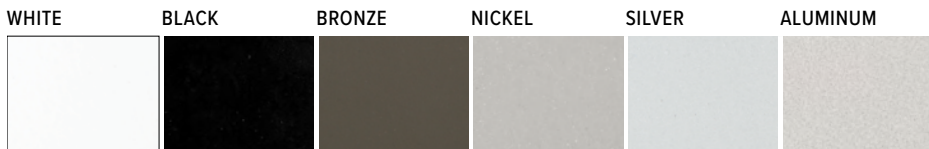| WHITE	BLACK	BRONZE	NICKEL	SILVER	ALUMINUM
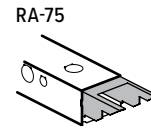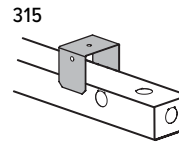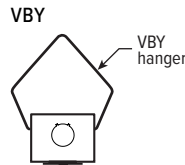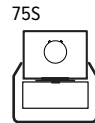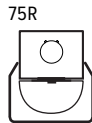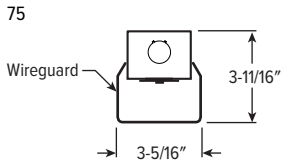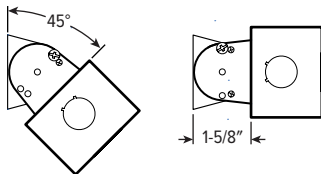
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

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Strips
Page 4 of 5

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/RY	5	White, Black, Red, Gray, Green	White, Black/Red, Gray	0-10V 4-wire Low Voltage Dimming (DIM)

SPECIAL REFLECTORS

R1015
4-11/16″
2-13/16″

R1172
2-3/4″
5-7/16″
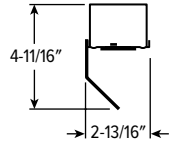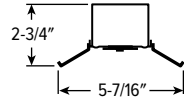
R1324
4-1/16″
3-3/4″

R1684
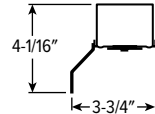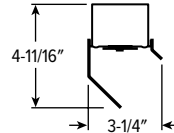4-11/16″
3-1/4″

Reflectors are ordered separately, only available with 75, cannot be used with wireguard accessories.

Example: R1172-4-75LED REFL

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Strips
Page 5 of 5