

CATALOG #: \_\_\_\_\_

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_



## FEATURES

- Create rich, vibrant designs with lasting visual impact using the full visible light spectrum
- Small fixture profile allows inconspicuous placement in coves or confined spaces for indirect lighting
- Round and square lenses provide a clean look for architectural environments
- Special reflectors are available to provide precise light distribution
- Row applications produce continuous light with minimal interruption between fixtures
- Variety of mounting accessories for surface and suspended applications
- Optional wireguard provides added protection
- Six standard finish options and a wide selection of custom colors complement the architectural elements of any space
- Made Right Here® in the USA

## SPECIFICATIONS

- HOUSING – 22-gauge die-formed C.R.S.
- SHIELDING – Diffuse acrylic lens. LED pixelation may occur with some color mixes. Use in applications where the lens is not visible at close distances for best results.
- 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. L70 >60,000 hours per IES TM-21. 25°C maximum ambient operating temperature. 50/60 Hz constant current driver.
- CONTROL – DMX enabled; controllers provided by others.
- 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.
  - Build America, Buy America (BABA) and Buy American Act (BAA) compliant. Request certification at [hew.com/buy-american](http://hew.com/buy-american)
- WARRANTY – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty)

## ORDERING EXAMPLE: 75R - 4 - L52/RGB835 - OPTIONS - DMX - UNV

SERIES	LENGTH <sup>[1]</sup>	LUMENS <sup>[2]</sup>	COLOR/CRI	CCT
75R Round lens	4 4'	4'	RGB8 Red, green, blue, and 80 CRI white	27 2700K 30 3000K
75S Square lens	8 8' <sup>[3]</sup>	L52 5,200lm 8' L100 10,000lm	RGB9 Red, green, blue, and 90 CRI white	35 3500K 40 4000K 50 5000K

OPTIONS	CONTROL <sup>[4]</sup>	VOLTAGE
See page 4 for FINISH OPTIONS. See page 2 for SPECIAL REFLECTOR OPTIONS.	DMX DMX512/RDM	UNV 120-277V

RDB	Remote mount control/battery box <sup>[5]</sup>
EM/10W	10-watt emergency battery <sup>[6]</sup>
EM/10WRM/RTS	Remote mount 10-watt emergency battery with regressed test switch <sup>[7]</sup>
FP	Frosted polycarbonate lens <sup>[8]</sup>
QC__	Quick-connect wiring harness <sup>[9]</sup>
WG-75	11-gauge white powder coat wireguard <sup>[10]</sup>
315	1-1/2" ceiling spacer
VBY	(2) Y-hangers
VBY-2	(2) Y-hangers with 2' chains
RA-75	Row aligner
45AMB	(2) 45° adjustable mounting brackets <sup>[11]</sup>

## AIRCRAFT CABLES (EXAMPLE: ACF/D48) <sup>[12]</sup>

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

## NOTES

- For actual length, see page 3 for FIXTURE DETAILS
- Lumen output based on 80 CRI/3500K CCT. Actual performance may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- Shipped with (2) 4' lenses.
- See page 4 for CONTROL DETAILS.
- See page 3 for MOUNTING ACCESSORY DETAILS.
- Not available with RDB Option or fixtures less than 4' Length. White output only in emergency mode.
- RDB Option required. Max remote distance 50', including suspension length. Large remote box provided. White output only in emergency mode. Specify CEC in the option code when California Energy Commission regulations are required. See page 3 for MOUNTING ACCESSORY DETAILS.
- 75R only.
- Not available with RDB Option. See page 4 for QUICK-CONNECT OPTIONS.
- Shipped separately, field-installed.
- Cord recommended, shipped separately. See page 3 for MOUNTING ACCESSORY DETAILS. Field-adjustable up and down in 7-1/2" increments.
- RA-75 Option required for row mount. Requires (1) power cord and (2) category cables. When specified with RDB option, (1) power cord per fixture required. See page 3 for MOUNTING ACCESSORY DETAILS.



# 75R | 75S tunable RGBW Narrow Strip

## FIXTURE PERFORMANCE DATA

LED PACKAGE	WHITE ONLY			MAX POWER	MAX COLOR LUMENS			
	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	WATTAGE	RED	GREEN	BLUE	
4'	L52	4944	44.6	111	117	1168	2972	1187
8'	L100	9888	89.2	111	117	2336	5944	2374

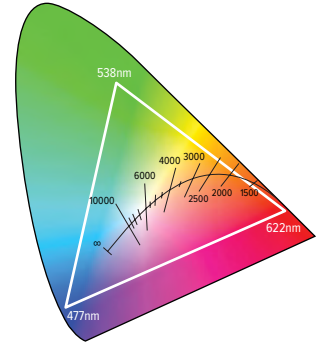
- Photometrics tested in accordance with IESNA LM-79. Results based on 80 CRI/3500K CCT, average wattage for 120V through 277V input, and 25°C ambient temperature. Performance is the same for 75R and 75S. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier table to calculate additional options.

## MULTIPLIER TABLE

COLOR TEMPERATURE	
CCT	CONVERSION FACTOR
2700K	0.97
3000K	0.99
3500K	1.00
4000K	1.03
5000K	1.06

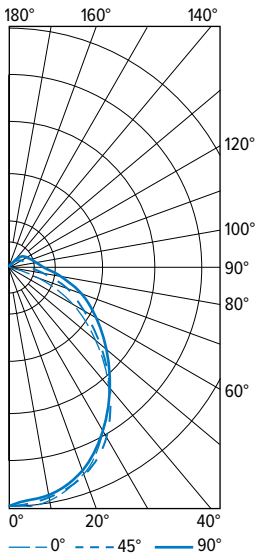
  

2700K	0.80
3000K	0.82
3500K	0.83
4000K	0.86
5000K	0.89



## PHOTOMETRY

75R-4-L52/RGB835-DMX-UNV White only Total Luminaire Output: 4944 lumens; 44.6 Watts | Efficacy: 111 lm/W | 80 CRI; 3500K CCT

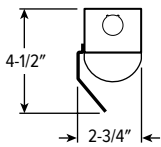


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1584	1584	1584	
5	1601	1578	1559	150
15	1528	1525	1514	429
25	1377	1408	1419	647
35	1169	1246	1289	772
45	904	1021	1113	782
55	612	791	909	693
65	379	575	682	544
75	163	385	473	374
85	39	245	306	231
90	5	190	249	
95	1	152	201	137
105	0	91	134	83
115	0	57	91	50
125	0	33	62	29
135	0	17	39	14
145	0	8	21	6
155	0	4	10	2
165	0	0	2	0
175	0	0	0	0
180	0	0	0	0

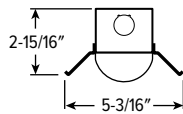
ZONE	LUMENS	% FIXTURE
0 - 30	1226	25
0 - 40	1998	40
0 - 60	3473	70
0 - 90	4622	94
90 - 120	271	6
90 - 150	320	7
90 - 180	322	7
0 - 180	4944	100

## SPECIAL REFLECTOR OPTIONS

R1015



R1172



Reflectors ordered and shipped separately. Cannot be used with wireguard accessories. To remove reflector, first remove the lens.

Example: R1172-4-75LED REFL

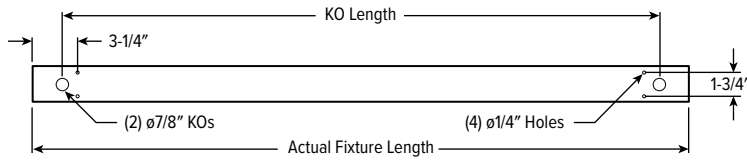
SEE NEXT PAGE FOR FIXTURE DETAILS



# 75R | 75S tunable **RGBW** Narrow Strip

## FIXTURE DETAILS

### BACKVIEW

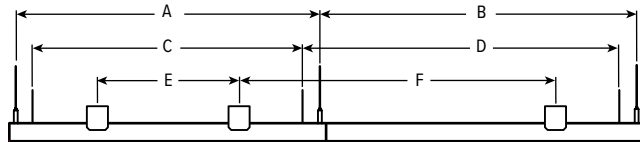


	7/8" KOs (G)	ACTUAL FIXTURE LENGTH (H)
4'	40-1/2"	44-5/8"
8'	85-1/8"	89-1/4"

## MOUNTING ACCESSORY DETAILS

### STAND ALONE

### SUBSEQUENT

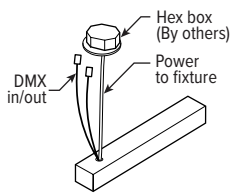


### MOUNTING LENGTH

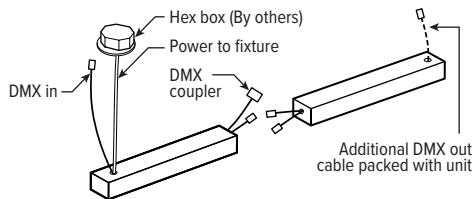
	AIRCRAFT CABLE		VBY HANGER		315 SPACER	
	A	B	C	D	E	F
4'	43-5/8"	44-5/8"	41-1/4"	44-5/8"	32"	44-5/8"
8'	88-3/16"	89-1/4"	85"	89-1/4"	77"	89-1/4"

### INTEGRAL CONTROL

#### Stand-Alone



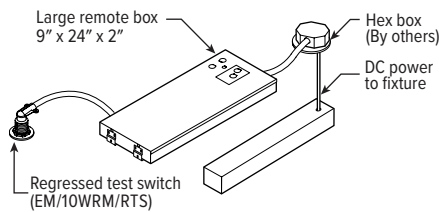
#### Continuous



### RDB OPTION

#### Stand-Alone | Continuous

Max remote distance is 50' including suspension length.



### CORD(S) FOR SUSPENDED PRODUCT

#### Integral Control Only

Units specified with aircraft cable require (1) power cord and (2) category cables. Please specify cords type using ordering information below. DMX category cables of same length and color provided. Long fixture rows may require multiple feed points based on 18ga conductor size.

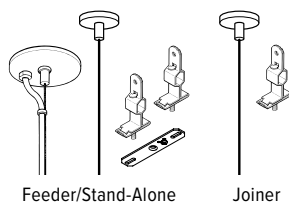
EXAMPLE: S2438D/W				
CORD TYPE	LENGTH	# OF COND.	WIRE SIZE	COLOR
S	24 24"	3	8D 18ga	/W White
	48 48"			/B Black
	96 96"			

#### RDB Option Only

Units specified with aircraft cable and RDB option require (1) power cord per fixture. Please specify cord type using ordering information below.

EXAMPLE: S2458D/W				
CORD TYPE	LENGTH	# OF COND.	WIRE SIZE	COLOR
S	24 24" 48 48" 96 96"	5	8D 18ga	/W White /B Black

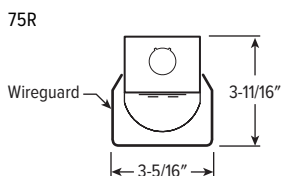
### STANDARD HARDWARE FOR SUSPENDED PRODUCT (Grid and Hardpan)



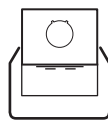
#### Notes:

- 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.
- Cable kit provides 10/32 male thread for connection to fixture.

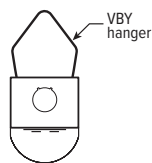
### WG-75



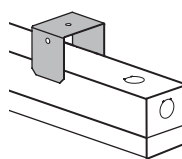
### 75S



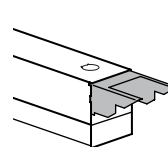
### VBY



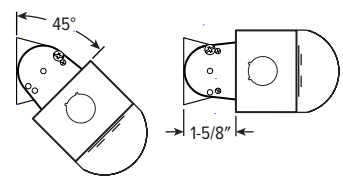
### 315



### RA-75

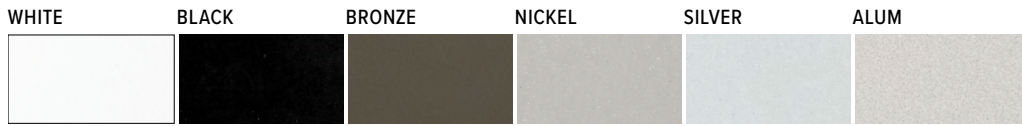


### 45AMB



# 75R | 75S tunable **RGBW** Narrow Strip

## FINISH OPTIONS



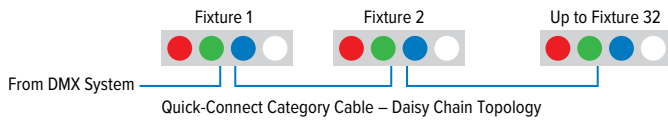
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

## QUICK-CONNECT OPTIONS

Note: Quick-connect wiring required for row mounting. Not available with RDB option. All QC harnesses contain (5) 18ga conductors plus ground.

DESIGNATION	NUMBER OF 18GA WIRES FACTORY CONNECTED (EXCLUDING GROUND)	WIRE COLOR/POWER SUPPLY FACTORY CONNECTIONS	TYPICAL USE
QCDBW	2	Black, White	AC Line & Neutral
QCDBRW	3	Black, Red, White	AC Line, Neutral, & Unswitched EM Hot

## CONTROL DETAILS



Note: Fixtures ship with DMX starting address of 1. (Red: 1, Green: 2, Blue: 3, White: 4). Terminator resistor (by others) is recommended at the end of each DMX run.