

NARROW LED STRIP

75

tunable **WHITE**



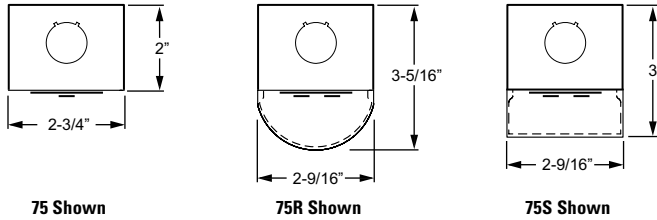
75 & 75R Shown

CATALOG #:	TYPE:
PROJECT:	NOTES:

EXAMPLE **75** - **4** - **L75/8TW** - **OPTIONS** - **DALI** - **UNV**

SERIES NOMINAL LENGTH LUMEN PACKAGE CRI & CCT OPTIONS/ACCESSORIES CONTROL VOLTAGE

CROSS SECTION



ORDERING INFORMATION

SERIES	
75	Narrow LED Strip – Tunable White
75R	Round Lens LED Strip – Tunable White
75S	Square Lens LED Strip – Tunable White

NOMINAL LENGTH	
2	2' (Actual length 22-1/2")
4	4' (Actual length 44-5/8")
8	8' (Actual length 89-1/4")

LED PACKAGE		
Example: L75/8TW		
LUMEN PACKAGE	NOMINAL LUMENS	WATTAGE
2'		
L25	2,500	20
4'		
L40	4,000	31
L53	5,300	42
L75¹	7,500	56
8'		
L80	8,000	61
L106	10,600	84
L150¹	15,000	113

Nominal lumen output based on 4000K CCT. Actual lumens may vary +/-5%, see fixture performance data. Additional LED lumen packages available, see options.

COLOR	
8TW	Tunable white (80 CRI, 3000K–5000K)

OPTIONS	
Suspended fixtures require cord, see page 4.	
EM/10WLP	Low-profile 10-watt emergency LED battery (4' and 8' only; must specify 120V or 277V)
EM/10W REMOTE	Remote mount 10-watt emergency LED battery (2' and 3' only; must specify 120V or 277V)
(L__)	Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package. Example: 6,500 nominal lumens = 75-4-L75/8TW-(L65).

ACCESSORIES (ordered separately)	
See page 4 for special reflectors, ordered separately. Aircraft cable accessories available, see page 4. See page 3 for accessories details.	
WG-75	11-gauge white powder coat wireguard
315	1-1/2" ceiling spacer
VBV	(2) Y-hangers
VBV-2	(2) Y-hangers and (2) 2' chains
RA-75	Row aligner (required when mounting with aircraft cables)

CONTROL	
See page 4 for details.	
DALI	Driver prewired for DALI applications
DIM	(1) 0-10V signal to control dimming (1) 0-10V signal to control CCT
DMX	Driver prewired for DMX applications

VOLTAGE	
120	120V
277	277V
UNV	120-277V

FEATURES

- ▶ Tunable white from 3000K to 5000K CCT, minimum 80 CRI.
- ▶ 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.
- ▶ Efficacies up to 125 lm/W.
- ▶ 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).
- ▶ This fixture is proudly made in the USA.

¹ Available with 75 only.



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. L70 > 60,000 hours per IES TM-21. Tunable White 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 MacAdam ellipses.

Mounting – Surface (ceiling or wall) or suspended.

Labels – cETLus conforms to UL STD 1598. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations.

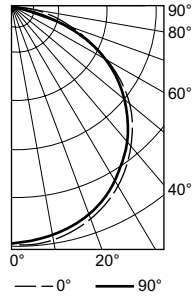
Warranty – 5-year limited warranty, see hew.com/warranty.

IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

PHOTOMETRY

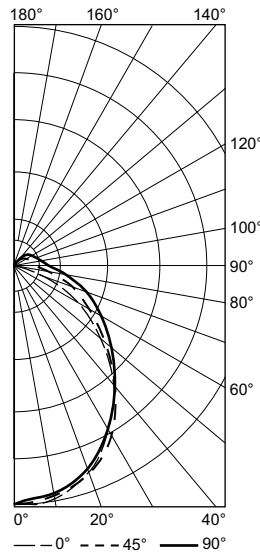
75-4-L75/8TW-DALI Report #: 17873.0; 01/03/13 | Total Luminaire Output: 7526 lumens; 56.2 Watts
 Efficacy: 134.0 lm/W | 83.6 CRI; 4053K CCT | IES Spacing Criteria: End: 1.3, Across: 1.3



CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle			Zonal Lumens
		0°	45°	90°	
0	2570	2570	2570		
5	2579	2555	2549	244	
15	2498	2477	2465	701	
25	2352	2331	2319	1074	
35	2107	2087	2072	1308	
45	1815	1762	1753	1372	
55	1425	1391	1369	1250	
65	978	969	927	940	
75	489	491	489	512	
85	87	89	89	121	
90	6	20	15		

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	2019	27
	0 - 40	3327	44
	0 - 60	5949	79
	0 - 90	7522	100
	0 - 180	7526	100

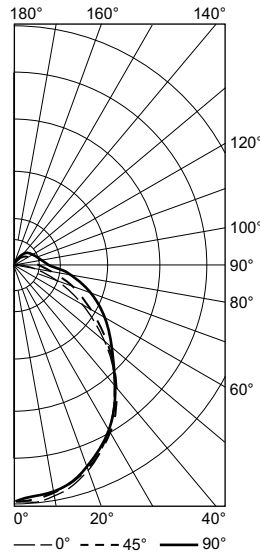
75R-4-L53/8TW-DALI Report #: 19750.0; 03/02/17 | Total Luminaire Output: 5029 lumens; 42 Watts
 Efficacy: 120 lm/W | 84.5 CRI; 3515K CCT | IES Spacing Criteria: End: 1.2, Across: 1.3, Diagonal: 1.3



CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle			Zonal Lumens
		0°	45°	90°	
0	1611	1611	1611		
5	1628	1605	1585	153	
15	1555	1551	1540	437	
25	1401	1432	1443	658	
35	1189	1268	1311	785	
45	920	1039	1133	796	
55	623	805	924	705	
65	385	585	693	553	
75	166	391	481	381	
85	39	249	311	235	
90	5	193	253		
95	1	155	205	140	
105	0	93	136	84	
115	0	58	92	51	
125	0	33	63	29	
135	0	18	39	15	
145	0	8	22	6	
155	0	4	10	2	
165	0	0	2	0	
175	0	0	0	0	
180	0	0	0		

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	1247	25
	0 - 40	2032	40
	0 - 60	4466	70
	0 - 90	4701	94
	90 - 120	275	6
	90 - 150	325	7
	90 - 180	328	7
	0 - 180	5029	100

75S-4-L53/8TW-DALI Report #: 12099782.02; 12/22/17 | Total Luminaire Output: 5028 lumens; 42 Watts
 Efficacy: 120 lm/W | 84.6 CRI; 3518K CCT | IES Spacing Criteria: End: 1.2, Across: 1.2, Diagonal: 1.2



CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle			Zonal Lumens
		0°	45°	90°	
0	1664	1664	1664		
5	1671	1650	1649	157	
15	1599	1582	1584	448	
25	1448	1435	1432	662	
35	1222	1219	1220	763	
45	947	969	991	748	
55	661	727	799	654	
65	406	520	638	519	
75	201	349	468	364	
85	53	210	301	216	
90	0	157	234		
95	0	141	201	136	
105	0	124	171	113	
115	0	108	152	94	
125	0	90	132	71	
135	0	64	106	47	
145	0	41	75	25	
155	0	24	46	11	
165	0	9	20	3	
175	0	0	0	0	
180	0	0	0		

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	1267	25
	0 - 40	2029	40
	0 - 60	3431	68
	0 - 90	4529	90
	90 - 120	342	7
	90 - 150	485	10
	90 - 180	498	10
	0 - 180	5028	100



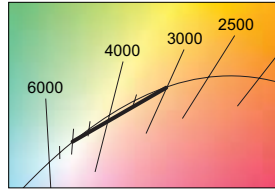
FIXTURE PERFORMANCE DATA

LED PACKAGE	WATTAGE	75 (no lens)		75R & 75S	
		DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)
2'					
L25	19.8	2538	128.3	2386	120.6
4'					
L40	31.0	4092	132.1	3847	124.2
L53	42.0	5350	127.3	5029	119.7
L75	56.2	7526	133.8	—	—
8'					
L80	60.8	8040	132.3	7558	124.4
L106	84.0	10700	127.4	10058	119.7
L150	112.7	15052	133.6	—	—

- 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 4000K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

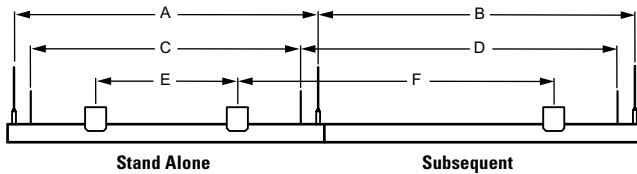
MULTIPLIER TABLE

CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
3000K	0.95	1.04
3500K	0.98	1.02
4000K	1.00	1.00
5000K	0.96	1.04



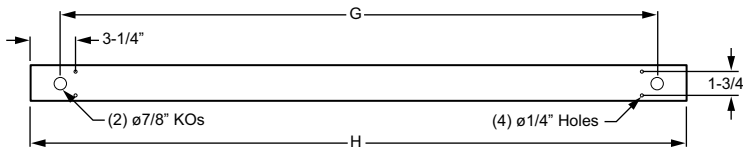
FIXTURE DETAILS

MOUNTING INFORMATION



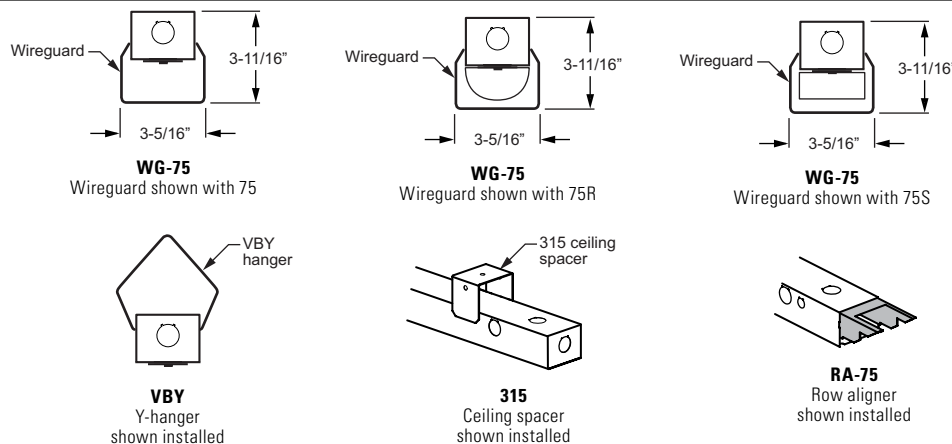
	MOUNTING LENGTH					
	AIRCRAFT CABLE		VBY HANGER		315 SPACER	
	A	B	C	D	E	F
2'	21-1/2"	22-1/2"	19"	22-1/2"	10"	22-1/2"
4'	43-5/8"	44-5/8"	41-1/4"	44-5/8"	32"	44-5/8"
8'	88-3/16"	89-1/4"	85"	89-1/4"	77"	89-1/4"

BACK VIEW



	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"

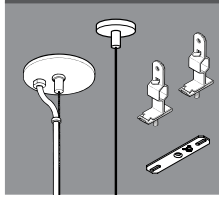
ACCESSORIES DETAILS



AIRCRAFT CABLES (requires RA75 row aligner)

For suspended fixtures only. Please specify cable hardware using ordering example below.

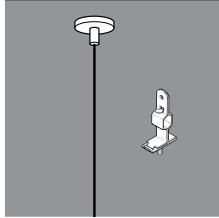
FEEDER FIXTURE – ø1/16" AIRCRAFT CABLE



EXAMPLE: ACF/D48		
MOUNTING	TYPE	LENGTH
ACF/ = Aircraft	D = 1' grid & hardpan	24 = 24"
	N = 9/16" grid	48 = 48"
	S = Slot grid	96 = 96"

Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.

JOINER FIXTURE – ø1/16" AIRCRAFT CABLE



EXAMPLE: ACJ/D48		
MOUNTING	TYPE	LENGTH
ACJ/ = Aircraft	D = 1' grid & hardpan	24 = 24"
	N = 9/16" grid	48 = 48"
	S = Slot grid	96 = 96"

Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.

NOTE: Electrical supply is brought into the feeder (or stand-alone) fixture, either as part of a row or as an individual mount unit. Joiner fixtures complete the row.

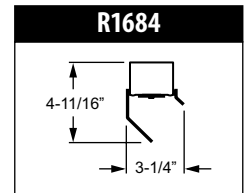
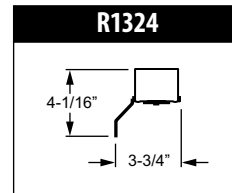
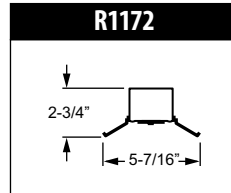
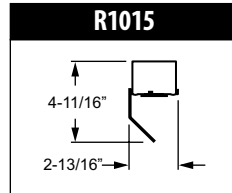
CORD FOR SUSPENDED PRODUCT

Suspended fixtures require cord. Please specify cord type using ordering example below.

EXAMPLE: S24/W		
CORD TYPE	LENGTH	COLOR
S = Straight	24 = 24"	/B = Black /W = White
	48 = 48"	
	96 = 96"	

SPECIAL REFLECTORS (ordered separately, only available with 75; cannot be used with wireguard accessories)

Example: R1172-4-75LED REFL



CONTROL DETAILS

DIM



DALI



DMX

