

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES



- Support human-centric design with adaptive, individualized lighting using tunable white light
- 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)
- High-performance up to 132 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. L70 >50,000 hours per IES TM-21. Tunable White products use LEDs of multiple 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 (hanging hardware required).
- LISTINGS** –
 - cETLus conforms to UL STD 1598. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations.
 - Complies with the Buy American Act and other federal regulations. Request certification at hew.com/baa.
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: 75 - 4 - L75/8TW - OPTIONS - CONTROL/DALI - UNV

ORDERING INFO

SERIES	LENGTH ^[1]	LUMENS ^[2]	CRI	CCT
75	2 2'	2'	8 80	TW Tunable white (3000K-5000K)
75R	4 4'	L25 2,500lm	9 90 ^[6]	TW2 Tunable white (2700K-6500K)
75S	8 8' ^[3]	4'		
		L40 4,000lm		
		L53 5,300lm		
		L75 7,500lm ^[4]		
		8'		
		L80 8,000lm		
		L106 10,600lm		
		L150 15,000lm ^[5]		

OPTIONS ^[7]

- EM/7WLP** Low-profile 7-watt emergency battery ^[9]
- EM/7WRM** Remote mount 7-watt emergency battery
- EM/10WLP** Low-profile 10-watt emergency battery ^[10]
- EM/10WRM** Remote mount 10-watt emergency battery
- (L__)** Additional lower lumen packages available. ^[11]
Example: 6,500 nominal lumens = 75-4-L75/8TW-(L65).
- WG-75** 11-gauge white powder coat wireguard ^[12]
- 315** 1-1/2" ceiling spacer
- VBY** (2) Y-hangers
- VBV-2** (2) Y-hangers with 2' chains
- RA-75** Row aligner ^[13]
- 45AMB** (2) 45° adjustable mounting brackets ^[14]

CONTROL

- None
- See page 5 for Additional Control Options. ^[16]

DRIVER ^[8]

- DALI** Driver prewired for DALI applications
- DIM** Dimming driver with (1) 0-10V signal to control dimming and (1) 0-10V signal to control CCT
- DMX** Driver prewired for DMX applications
- PSQ** Lutron T-Series 2-channel tunable white 1%.

VOLTAGE

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

AIRCRAFT CABLES (EXAMPLE: ACF/D48) ^[15]

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 on 4000K, 80 CRI. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- 75R and 75S ships with (2) 4' lenses.
- Available with 75 only.
- Available with 75 only.
- Extended lead times may apply. Consult factory for availability.
- See page 3 for FINISH OPTIONS. See page 4 for MOUNTING DETAILS. See page 3 for SPECIAL REFLECTORS.
- See page 5 for DRIVER DETAILS.
- 4' and 8' only.
- 4' and 8' only.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Shipped separately, field-installed.
- Required when row mounting with aircraft cables.
- Cord recommended, ships separately. See page 4 for MOUNTING DETAILS. Field-adjustable up and down in 7/12" increments.
- Units specified with aircraft cable require cord. See page 4 for MOUNTING DETAILS. Requires RA-75 row aligner. See page 4 for MOUNTING DETAILS.
- See page 4 for SENSOR PLACEMENT DETAILS.

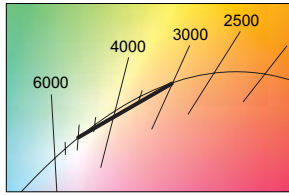


FIXTURE PERFORMANCE DATA

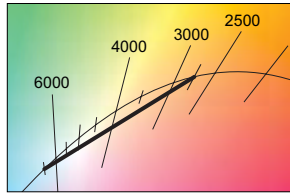
Z'	LED PACKAGE	WATTAGE	75 (NO LENS)		75R & 75S	
			DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)
2'	L25	19.8	2513	127	2362	119
	L40	31.0	4051	131	3808	123
4'	L53	43.2	5430	126	5104	118
	L75	57.5	7599	132	-	-
8'	L80	62.0	8102	131	7616	123
	L106	86.5	10860	126	10208	118
	L150	115.9	15199	131	-	-

- 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%
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier table to calculate additional options.

TW



TW2

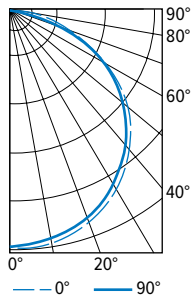


MULTIPLIER TABLE

	COLOR TEMPERATURE				
	CCT	TW		TW2	
		LUMENS	WATTAGE	LUMENS	WATTAGE
80 CRI	2700K	-	-	0.93	1.02
	3000K	0.95	1.04	0.95	1.01
	3500K	0.98	1.02	0.98	1.00
	4000K	1.00	1.00	1.00	1.00
	5000K	0.96	1.04	1.02	1.00
6500K	-	-	1.01	1.04	
90 CRI	2700K	-	-	0.80	1.02
	3000K	0.82	1.04	0.82	1.01
	3500K	0.85	1.02	0.85	1.00
	4000K	0.86	1.00	0.86	1.00
	5000K	0.83	1.04	0.89	1.00
6500K	-	-	0.88	1.04	

PHOTOMETRY

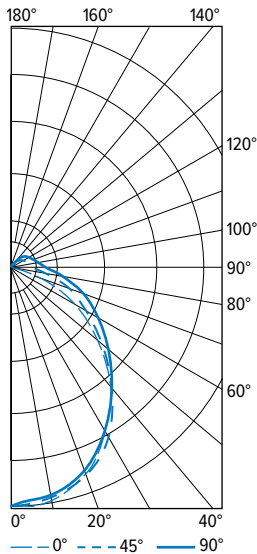
75-4-L75/8TW-DALI Total Luminaire Output: 7599 lumens; 57.5 Watts | Efficacy: 132 lm/W | 80 CRI; 4000K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2580	2580	2580	
5	2599	2572	2562	245
15	2527	2494	2487	705
25	2373	2338	2325	1081
35	2152	2108	2083	1322
45	1840	1787	1773	1383
55	1456	1408	1390	1260
65	1001	952	934	953
75	518	484	473	518
85	92	103	90	128
90	8	13	8	3

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2031	27
	0 - 40	3352	44
	0 - 60	5996	79
	0 - 90	7596	100
	0 - 180	7569	100

75R-4-L53/8TW-DALI Total Luminaire Output: 5360 lumens; 33.7 Watts | Efficacy: 159 lm/W | 80 CRI; 4000K CCT



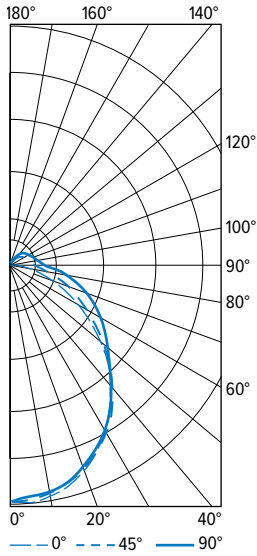
VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1717	1717	1717	
5	1736	1711	1690	163
15	1657	1653	1641	465
25	1493	1527	1538	701
35	1268	1351	1397	837
45	980	1107	1207	848
55	664	858	985	751
65	411	624	739	590
75	177	417	513	406
85	42	266	332	250
90	6	206	270	
95	1	165	218	149
105	0	99	145	90
115	0	62	98	55
125	0	35	67	31
135	0	19	42	16
145	0	8	23	6
155	0	4	11	2
165	0	0	2	0
175	0	0	0	0
180	0	0	0	0

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1329	25
	0 - 40	2166	40
	0 - 60	3765	70
	0 - 90	5011	94
	90 - 120	293	6
	90 - 150	347	7
	90 - 180	349	7
	0 - 180	5360	100



75 tunable WHITE Narrow Strip

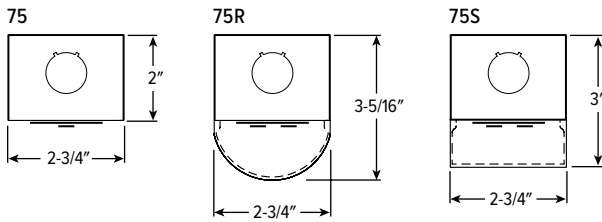
75S-4-L53/8TW-DALI Total Luminaire Output: 5104 lumens; 43.2 Watts | Efficacy: 118 lm/W | 80 CRI; 4000K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1722	1722	1722	
5	1737	1714	1690	163
15	1660	1646	1625	462
25	1482	1489	1464	683
35	1241	1267	1239	786
45	956	979	998	762
55	663	731	814	662
65	390	529	644	521
75	170	341	469	355
85	30	203	309	209
90	0	155	246	
95	0	145	217	141
105	0	126	183	116
115	0	108	161	94
125	0	87	136	69
135	0	61	104	45
145	0	37	71	24
155	0	23	40	10
165	0	11	19	3
175	0	0	0	0
180	0	0	0	

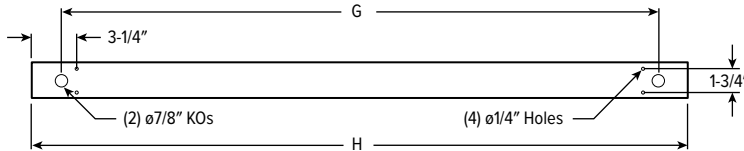
	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	1308	26
	0 - 40	2093	41
	0 - 60	3518	69
	0 - 90	4602	90
	90 - 120	351	7
	90 - 150	489	10
	90 - 180	502	10
	0 - 180	5104	100

CROSS SECTIONS



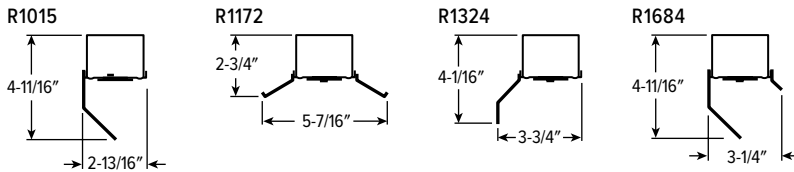
FIXTURE DETAILS

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"

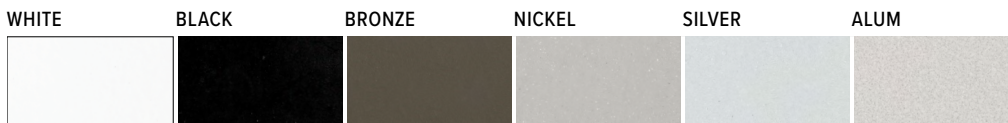
SPECIAL REFLECTORS



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

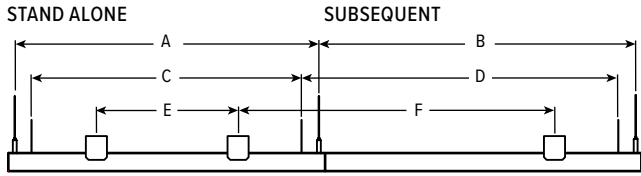
Example: R1172-4-75LED REFL

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.

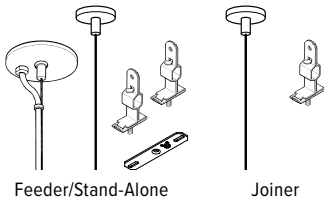
MOUNTING DETAILS



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.

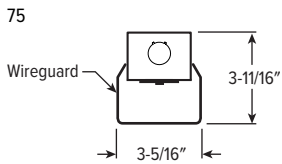
CORD FOR SUSPENDED PRODUCT

Units specified with aircraft cable require cord. Please specify cord type using ordering information below. Long fixture rows may require multiple feed points based on 18ga conductor size.

EXAMPLE: S2438D/W				
CORD TYPE	LENGTH	# OF COND. ⁽¹⁾	WIRE SIZE	COLOR
S	24 24"	3	8D 18ga	/W White /B Black
	48 48"	4		
	96 96"	6		

¹ Includes (2) 22ga purple & pink dimming conductors

WG-75



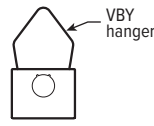
75R



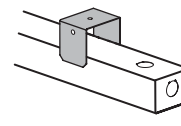
75S



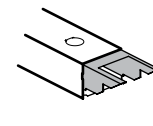
VBY



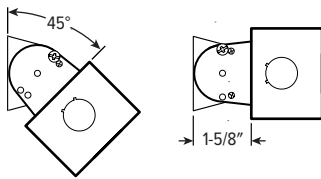
315



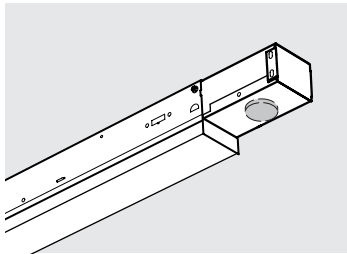
RA-75



45AMB



SENSOR PLACEMENT DETAILS



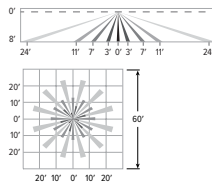
ADDITIONAL CONTROL OPTIONS

OCCWS-FSP-311-L_-120/277 Wattstopper PIR motion and daylight sensor, 120/277. Must specify lens: L2 or L3. Factory installed.

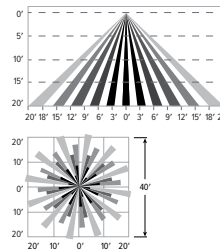
SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 20'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 75°C
COMMISSIONING	App (iOS or Android)

SENSOR COVERAGE PATTERNS

L2 8' height: ø48' coverage



L3 20' height: ø40' coverage



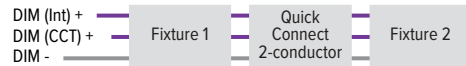
SENSOR DETAIL



Dimensions: ø2-3/8"

DRIVER DETAILS

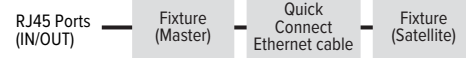
DIM



DALI



DMX



LUTRON T-SERIES

