

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

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

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

**FEATURES**

- Easily change the color temperature on-site with fieldseleCCT<sup>®</sup> technology
- Three switchable CCT settings provide ultimate flexibility – 3000K, 3500K and 4000K
- Low-profile depth for shallow plenum applications
- Diffuse lens provides smooth illumination for visual comfort
- Air return capability reduces number of unsightly ceiling vents for a cleaner appearance
- Maximize energy savings with efficacies as high as 127 lm/W
- Made Right Here<sup>®</sup> in the USA

**SPECIFICATIONS**

- HOUSING/REFLECTOR – Precision die-formed 22-gauge C.R.S.
- SHIELDING – Frosted acrylic.
- FINISH – Highly reflective non-glare matte 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<sup>®</sup> 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 – Designed for NEMA Type “G” 1” grid ceiling standard. For NEMA Type “NFG” and “SG” 9/16” grid installations, specify EQCLIPS option. Drywall kit accessories available for flange applications, shipped separately, see options.
- LISTINGS –
  - cCSAus certified as luminaire suitable for dry locations.
  - City of Chicago Environmental Air approved when specified with CP option.
- WARRANTY – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

**ORDERING EXAMPLE: LT - 2 4 - L65/8FS - AF - OPTIONS - CONTROL - DIM - UNV**

**ORDERING INFO**

SERIES	WIDTH	LENGTH	LUMENS <sup>(1)</sup>	CRI	CCT	SHIELDING
LT Static	1 1' <sup>[3]</sup>	2 2' <sup>[4]</sup>	<b>1x4</b>	<b>8 80</b>	FS fieldseleCCT 3000K, 3500K, 4000K <sup>[5]</sup>	AF Frosted acrylic
LT-AR Air Return <sup>[2]</sup>	2 2'	4 4'	L26 2,600lm L38 3,800lm L51 5,100lm			
			<b>2x2</b>			
			L24 2,400lm L37 3,700lm			
			<b>2x4</b>			
			L39 3,900lm L57 5,700lm L65 6,500lm			

**OPTIONS <sup>[6]</sup>**

- EM/7WRM** Remote mount 7-watt emergency battery
- EM/10W** 10-watt emergency battery
- EM/12W** 12-watt emergency battery
- CP** Chicago Plenum (CCEA)
- EQCLIPS** Earthquake clips <sup>[8]</sup>
- DFK-1248W** Drywall kit, 12” x 48”, white
- DFK-2424W** Drywall kit, 24” x 24”, white
- DFK-2448W** Drywall kit, 24” x 48”, white

**CONTROL <sup>[7]</sup>**

- None
- VDO** Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OC)<sup>[9]</sup>
- VRF** Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF)<sup>[10]</sup>

**DRIVER <sup>[11]</sup>**

DRIVER	VOLTAGE
<b>DIM</b> Dimming driver	<b>120</b> 120V
<b>DRV</b> Non-dimming driver	<b>277</b> 277V
<b>DSR</b> Sensor-ready driver <sup>[12]</sup>	<b>UNV</b> 120-277V
	<b>347</b> 347V <sup>[13]</sup>

**QUICKSHIP**

2x2	2x4
LT-22-L37/8FS-AF-QS-DIM-UNV	LT-24-L57/8FS-AF-QS-DIM-UNV

**NOTES**

- <sup>1</sup> Lumens based on 3500 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see options.
- <sup>2</sup> Air return through side slots. Not available with CP option.
- <sup>3</sup> 4' length only.
- <sup>4</sup> 2' width only.
- <sup>5</sup> See page 3 for fieldseleCCT DETAILS.
- <sup>6</sup> See page 4 for FLEXIBLE WHIP OPTIONS. See page 4 for DRYWALL KIT (DFK) OPTIONS. See Technical Info for [Power Entry](#) details.
- <sup>7</sup> See page 2 for CONTROL DETAILS.
- <sup>8</sup> 4 per fixture. Optional for 1” grid installations. Required for 9/16” grid mounting; LT is compatible with Williams earthquake clips only.
- <sup>9</sup> DSR or LDE Drivers only. LDE drivers require driver interface.
- <sup>10</sup> DSR or LDE Drivers only. LDE drivers require driver interface.
- <sup>11</sup> See page 3 for ADDITIONAL DRIVER OPTIONS.
- <sup>12</sup> VDO and VRF Controls only.
- <sup>13</sup> Not available with EM batteries.



**FIXTURE PERFORMANCE DATA**

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
1x4	L26	2566	19.8	127.4
	L38	3797	30.8	123.3
	L51	5134	42.6	120.6
2x2	L24	2430	20.8	118.2
	L37	3718	30.9	120.4
2x4	L39	3878	30.8	125.9
	L57	5763	47.3	121.9
	L65	6551	54.8	119.5

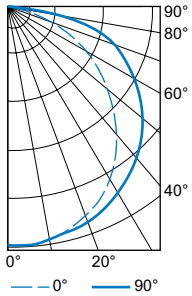
**MULTIPLIER TABLE**

		COLOR TEMPERATURE	
		CCT	CONVERSION FACTOR
80 CRI	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**

LT-24-L65/8FS-AF-DIM-UNV\_3500K Total Luminaire Output: 6551 lumens; 55 Watts | Efficacy: 119 lm/W | 86.5 CRI; 3471K CCT

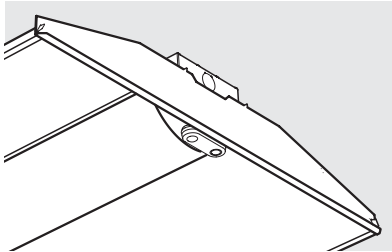


CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2046	2046	2046	
	5	2068	2031	2031	194
	15	1993	1969	1986	558
	25	1830	1845	1891	855
	35	1604	1670	1751	1047
	45	1307	1446	1572	1112
	55	994	1197	1355	1057
	65	662	932	1127	894
	75	296	646	839	629
	85	44	216	176	205
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1607	25
	0 - 40	2654	41
	0 - 60	4823	74
	0 - 90	6551	100
	0 - 180	6551	100

**CONTROL DETAILS**

**SENSOR PLACEMENT**

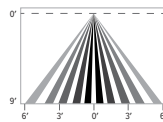


**VDO**

SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' - 12'
DETECTION ANGLE	360°
TEMPERATURE RANGE	0° to 55°C
RELATIVE HUMIDITY	0 to 90%, non-condensing
COMMISSIONING	App (iOS or Android)
MANUFACTURER	Lutron

**SENSOR COVERAGE PATTERNS**

9' height: ø12' coverage



**MOTION SENSOR COVERAGE**

CEILING HEIGHT	COVERAGE AREA (SQ FT)
8'	114
9'	144
10'	178
12'	256

**VIVE CONTROL OPTIONS**

CATALOG NUMBER	DESCRIPTION
VDO	Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC), for use with sensor-ready driver
VRF	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF), for use with sensor-ready driver
VDO/DBI	Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC) and digital link interface, for use with Lutron Hi-lume 1% EcoSystem dimming LED driver
VRF/DBI	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF) and digital link interface, for use with Lutron Hi-lume 1% EcoSystem dimming LED driver

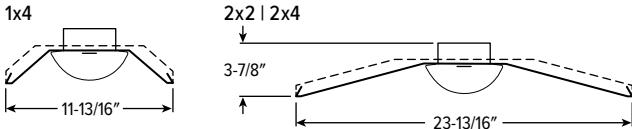


**ADDITIONAL DRIVER OPTIONS**

Note: Lumen restrictions apply, consult product builder at [hew.com/product-builder](http://hew.com/product-builder).

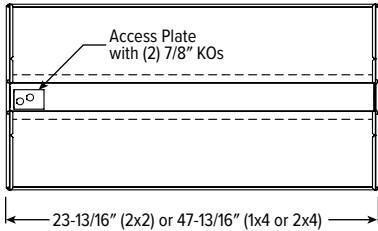
CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC	Line voltage dimming driver (TRIAC compatible, 120V 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
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**

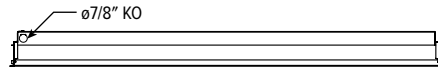


**FIXTURE DETAILS**

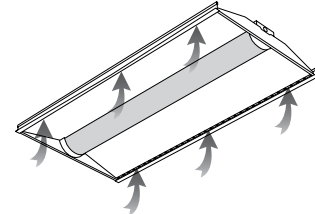
**BACK VIEW**



**SIDE VIEW**



**AIR RETURN**



**fieldseleCCT DETAILS**



**FLEXIBLE WHIP OPTIONS**

All Williams recessed troffers are available with a flexible metallic wiring harness, factory-attached and hard-wired to the luminaire. See ordering information table.

Straight connectors are a snap-in type. Consult factory for wiring harness utilizing connectors secured by lock nuts, optional flex size, lengths, and other wire sizes or circuitry. Three-wire flex utilizes black, white, and green wire. Four-wire flex utilizes black, white, red, and green wire. Adding an emergency option requires an additional wire.

Williams fixtures are UL listed to provide factory-installation of several manufacturers' modular wiring devices. Consult factory for availability and ordering information.

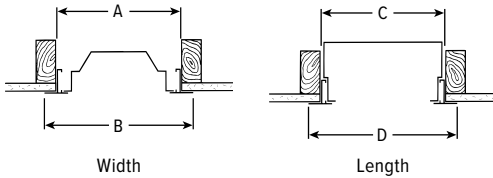
DESIGNATION	DESCRIPTION	DRIVER
F338	6' of 3/8" flex, (3) No. 18 AWG wires with (2) straight connectors	DRV, LTE LINE
F348	6' of 3/8" flex, (4) No. 18 AWG wires with (2) straight connectors	SD40
F334	6' of 3/8" flex, (3) No. 14 AWG wires with (2) straight connectors	DRV, LTE LINE
F344	6' of 3/8" flex, (4) No. 14 AWG wires with (2) straight connectors	SD40
F358	6' of 3/8" flex, (5) #18 AWG wires with (2) straight connectors	DIM, DALI

**DRYWALL KIT (DFK) OPTIONS**

ORDERING EXAMPLE: DFK - 24 24 W			
SERIES	WIDTH	LENGTH	FINISH
DFK Drywall Kit	See table below	See table below	W White AMW Anti-microbial white

**TYPICAL INSTALLATION**

Refer to table for dimensions.



CATALOG NUMBER	NOMINAL SIZE	ROUGH-IN		FINISH TRIM SIZE	
		WIDTH (A)	LENGTH (C)	WIDTH (B)	LENGTH (D)
DFK-1248	1' x 4'	12-3/8"	48-3/8"	13-5/16"	49-5/16"
DFK-2424	2' x 2'	24-3/8"	24-3/8"	25-5/16"	25-5/16"
DFK-2448	2' x 4'	24-3/8"	48-3/8"	25-5/16"	49-5/16"