

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

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

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

**FEATURES**

- Easily change the color temperature on-site with fieldseleCCT® technology
- Three switchable CCT settings provide ultimate flexibility – 3000K, 3500K and 4000K
- Shallow fixture depth for low ceiling applications
- Diffuse ribbed acrylic combined with highly-reflective matte white paint produce high optical efficiencies while providing visual comfort
- Efficacies up to 123 lm/W
- Heavy duty C.R.S. construction
- Made Right Here® in the USA

**SPECIFICATIONS**

- HOUSING – Precision die-formed 20-gauge C.R.S.
- REFLECTOR – Precision die-formed 22-gauge C.R.S. Highly reflective non-glare matte white polyester powder coat.
- SHIELDING – Diffuse ribbed acrylic.
- FINISH – Textured matte white polyester TGIC 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 MacAdam ellipses.
- MOUNTING – Surface or suspended.
- LISTINGS – cCSAus certified as luminaire suitable for dry locations.
- WARRANTY – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

**ORDERING EXAMPLE: PTS - 2 4 - L62/8FS - RA - CONTROL - DIM - UNV**

**ORDERING INFO**

SERIES	WIDTH	LENGTH	LUMENS <sup>[1]</sup>	CRI	CCT	SHIELDING
PTS	1 1' <sup>[2]</sup>	2 2' <sup>[3]</sup>	1x4	8 80	FS fieldseleCCT 3000K, 3500K, 4000K <sup>[4]</sup>	RA Diffuse ribbed acrylic, round
		2 2'	L25 2,500lm			SA Diffuse ribbed acrylic, square <sup>[5]</sup>
	2x2	4 4'	L37 3,700lm	2x2		L24 2,400lm
			L50 5,000lm			L36 3,600lm
			L48 4,800lm			L48 4,800lm
		2x4	L37 3,700lm	2x4		L55 5,500lm
			L55 5,500lm			L62 6,200lm
			L62 6,200lm			L62 6,200lm

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

- EM/7W** 7-watt emergency LED battery <sup>[8]</sup>
- EM/7WRM** Remote mount 7-watt emergency battery
- EM/10W** 10-watt emergency battery <sup>[9]</sup>
- EM/10WLP** Low-profile 10-watt emergency battery <sup>[10]</sup>
- EM/12W** 12-watt emergency battery <sup>[11]</sup>
- AMW** Anti-microbial white finish

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

- None
- VDO** Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC) <sup>[12]</sup>
- VRF** Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF) <sup>[13]</sup>

**DRIVER <sup>[14]</sup>**

- DIM** Dimming driver
- DRV** Non-dimming driver
- DSR** Sensor-ready driver without external dimming wires <sup>[15]</sup>

**VOLTAGE**

- 120** 120V
- 277** 277V
- UNV** 120-277V
- 347** 347V <sup>[16]</sup>

**NOTES**

- <sup>1</sup> Lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- <sup>2</sup> 4' length only.
- <sup>3</sup> 2' width only.
- <sup>4</sup> See page 4 for fieldseleCCT DETAILS.
- <sup>5</sup> Increases lumen output by 3%.
- <sup>6</sup> Suspended mounting available. See page 4 for SUSPENDED MOUNTING DETAILS.
- <sup>7</sup> See page 3 for CONTROL DETAILS.
- <sup>8</sup> 2x2 and 2x4 only.
- <sup>9</sup> 2x2 & 2x4 only.
- <sup>10</sup> 1x4 only.
- <sup>11</sup> 2x2 & 2x4 only.
- <sup>12</sup> DSR or LDE Drivers only. LDE drivers require driver interface.
- <sup>13</sup> DSR or LDE Drivers only. LDE drivers require driver interface.
- <sup>14</sup> See page 3 for ADDITIONAL DRIVER OPTIONS.
- <sup>15</sup> VDO and VRF Controls only.
- <sup>16</sup> Not available with EM batteries.



**FIXTURE PERFORMANCE DATA**

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
1x4	L25	2441	19.8	123.2
	L37	3674	30.8	119.3
	L50	4968	42.6	116.7
2x2	L24	2378	20.8	114.3
	L36	3595	30.9	116.5
	L48	4823	42.6	113.3
2x4	L37	3674	30.8	119.3
	L55	5460	47.3	115.5
	L62	6208	54.8	113.3

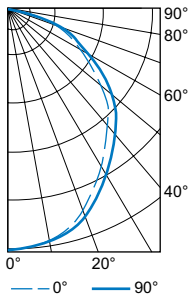
**MULTIPLIER TABLE**

		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 average for 120V through 277V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

**PHOTOMETRY**

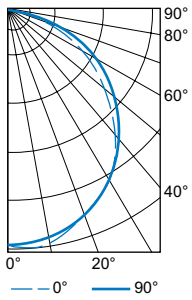
**PTS-24-L62/8FS-RA-DIM-UNV** Total Luminaire Output: 6208 lumens; 55 Watts | Efficacy: 113 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2375	2375	2375	
	5	2339	2336	2323	223
	15	2270	2278	2287	638
	25	2000	2027	2052	923
	35	1617	1668	1711	1041
	45	1314	1387	1458	1062
	55	956	1046	1130	938
	65	619	733	833	724
	75	293	451	558	474
	85	60	199	228	186
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1784	29
	0 - 40	2825	46
	0 - 60	4825	78
	0 - 90	6208	100
	0 - 180	6208	100

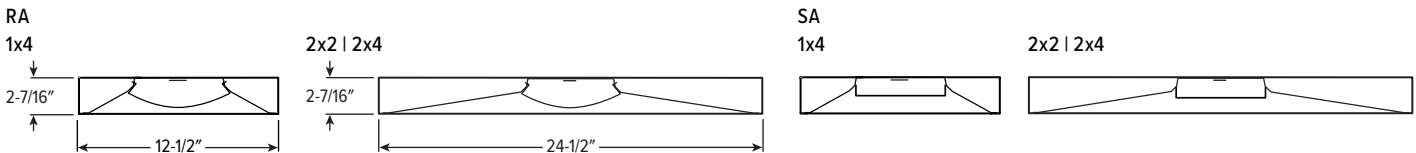
**PTS-14-L50/8FS-RA-DIM-UNV** Total Luminaire Output: 4969 lumens; 43 Watts | Efficacy: 116 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	1811	1811	1811	
	5	1852	1831	1804	173
	15	1770	1765	1744	495
	25	1619	1627	1607	744
	35	1409	1427	1428	885
	45	1124	1173	1191	895
	55	804	884	921	785
	65	516	611	627	585
	75	229	321	335	326
	85	35	58	68	80
	90	0	0	0	

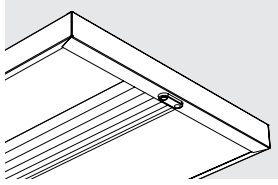
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1413	28
	0 - 40	2298	46
	0 - 60	3978	80
	0 - 90	4969	100
	0 - 180	4969	100

**CROSS SECTIONS**



**CONTROL DETAILS**

**SENSOR PLACEMENT**

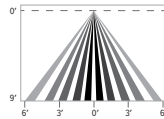


**VDO**

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).

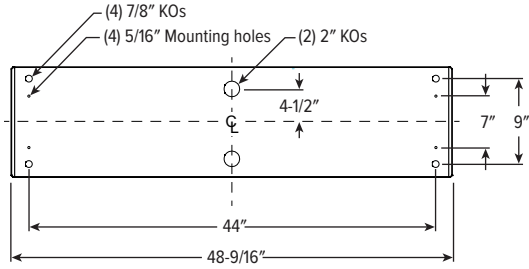
CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC	Line voltage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



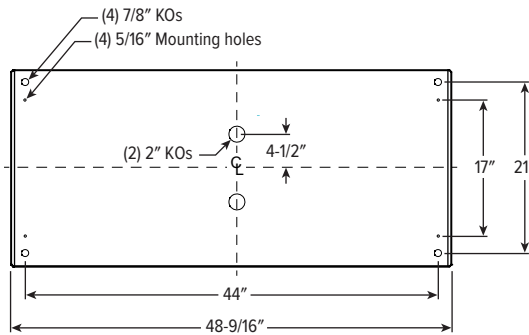
**FIXTURE DETAILS**

**BACKVIEW**

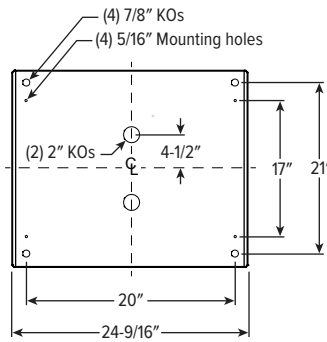
1x4



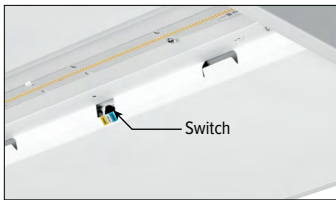
2x4



2x2



**fieldseleCCT DETAILS**



**SUSPENDED MOUNTING DETAILS**

**AIRCRAFT CABLE**

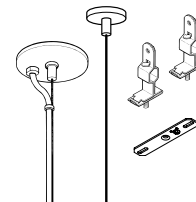
ORDERING EXAMPLE: ACF*4P/D48			
PREFIX	TYPE	LENGTH	
ACF*4P	Four point mount adjustable aircraft cable	D 1" grid & hardpan	24 24"
		N 9/16" grid	48 48"
		S Slot grid	96 96"
			144 144"
			192 192"
		240 240"	
		300 300"	

**CORD OPTIONS**

Must specify cord when cable mounting. Consult factory for additional options.

ORDERING EXAMPLE: S4838/W				
CORD TYPE	LENGTH	# CONDUCTORS	WIRE SIZE	COLOR
S Straight	24 24"	3 3	4 No. 14 AWG	/W White
	48 48"	4 4	8 No. 18 AWG	/B Black
	96 96"	5 5		
		6 6		

**STANDARD HARDWARE (Grid & Hardpan)**



- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- One 5" canopy used at power feed location to cover the junction box. Three other suspension points use 2" canopy at the non-feed point. No J-box is required at non-feed points.

