

CATALOG #: _____

TYPE: _____

PROJECT: _____



FEATURES

- Easily change the color temperature and lumen output on-site with built-in switches, providing ultimate flexibility
- Low-profile depth for shallow plenum applications
- Diffuse lens provides smooth illumination for visual comfort
- Maximize energy savings with efficacies as high as 163 lm/W
- Rated for direct contact with insulation
- Available on QuickShip
- Made Right Here® 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. L70 >70,000 hours
- MOUNTING – NEMA Type “G” 15/16” or 1” grid standard. For NEMA Type “NFG” and “SG” 9/16” grid installations, specify EQCLIPS option. Drywall flange kits available, shipped separately, see options.
- LISTINGS –
 - cCSAus certified as luminaire suitable for dry locations.
 - IC-rated for direct contact with insulation.
 - City of Chicago Environmental Air approved when specified with CP option.
 - 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: FT - 22 - LS/8CS - AF - OPTIONS - DIM - UNV

ORDERING INFO

SERIES	WIDTH	LENGTH	LUMENS ^[1]	CRI	CCT	SHIELDING
FT	1 1' ^[2] 2 2'	2 2' 4 4'	LS Selectable lumens 1x4: 2,600/3,600/4,800 2x2: 2,500/3,400/4,400 2x4: 4,100/5,800/6,800	8 80	CS Selectable CCT 3,500K/4,000K/5,000K	AF Frosted acrylic

OPTIONS ^[3]

- EM/10W** 10-watt emergency battery
- EM/10W KIT** 10-watt emergency battery kit, CEC compliant ^[4]
- EQCLIPS** Earthquake clips ^[5]
- CP** Chicago Plenum (CCEA)
- DFK-1248W** Drywall kit, 12” x 48”, white
- DFK-2424W** Drywall kit, 24” x 24”, white
- DFK-2448W** Drywall kit, 24” x 48”, white

DRIVER

- DIM** Dim-to-off driver ^[6]

VOLTAGE

- UNV** 120-277V

QUICKSHIP

- FT-22-LS/8CS-AF-QS-DIM-UNV
- FT-24-LS/8CS-AF-QS-DIM-UNV
- FT EM/10W KIT-QS

NOTES

- ¹ Lumens based on 80 CRI/3500K CCT. Actual performance may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- ² 4’ length only.
- ³ See page 3 for DRYWALL KIT (DFK) OPTIONS. See Technical Info for [Power Entry](#) details.
- ⁴ Ships separately, field installed.
- ⁵ 4 per fixture. Optional for 1” grid installations. Required for 9/16” grid mounting. FT is compatible with Williams earthquake clips only.
- ⁶ Prewired for 0-10V low-voltage applications. Dimming down to 5%, dim-to-off below 0.5V



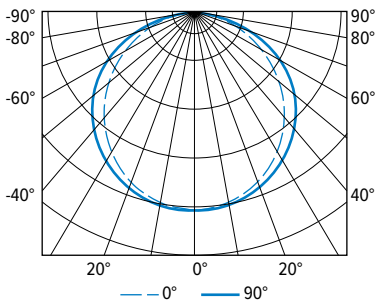
FIXTURE PERFORMANCE DATA

	WATTAGE SETTING	3500K			4000K			5000K		
		LUMEN OUTPUT	WATTAGE	EFFICACY (lm/W)	LUMEN OUTPUT	WATTAGE	EFFICACY (lm/W)	LUMEN OUTPUT	WATTAGE	EFFICACY (lm/W)
1x4	Low	2615	17.1	153	2697	17.1	158	2680	17.1	157
	Medium	3599	23.1	156	3779	23.1	164	3697	23.1	160
	High	4768	31.5	151	5073	31.5	161	4897	31.5	155
2x2	Low	2534	17.5	145	2614	17.5	149	2597	17.5	148
	Medium	3387	23.8	142	3557	23.8	149	3479	23.8	146
	High	4380	32.7	134	4660	32.7	143	4498	32.7	138
2x4	Low	4111	27.3	151	4239	27.3	155	4212	27.3	154
	Medium	5765	38.9	148	6054	38.9	156	5923	38.9	152
	High	6838	47.7	143	7275	47.7	153	6845	47.6	144

- Photometrics tested in accordance with IESNA LM-79. Results based on 80 CRI/3500K CCT, wattage for 120V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.

PHOTOMETRY

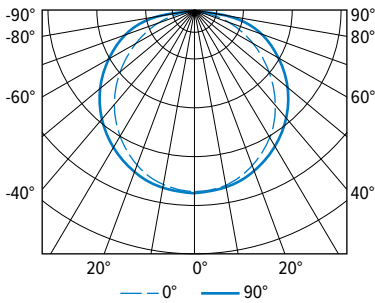
FT-14-LS/8CS-AF-DIM-UNV Total Luminaire Output: 2615 lumens; 17.1 Watts (Low Wattage Setting) | Efficacy: 153 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	918	918	918	
	5	911	912	916	65
	15	871	879	889	143
	25	796	812	831	200
	35	692	718	746	230
	45	566	604	645	231
	55	429	476	520	203
	65	289	341	369	150
	75	151	197	191	77
	85	39	44	30	8
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1158	44
	0 - 60	2047	78
	0 - 90	2615	100
	90 - 180	0	0

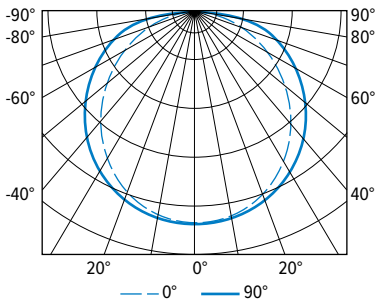
FT-22-LS/8CS-AF-DIM-UNV Total Luminaire Output: 2534 lumens; 17.5 Watts (Low Wattage Setting) | Efficacy: 145 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	865	865	865	
	5	853	862	859	61
	15	815	830	833	134
	25	740	764	779	187
	35	639	677	705	216
	45	516	568	615	216
	55	387	449	509	192
	65	257	327	397	149
	75	134	212	285	95
	85	35	74	85	13
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1086	43
	0 - 60	1921	76
	0 - 90	2534	100
	90 - 180	0	0

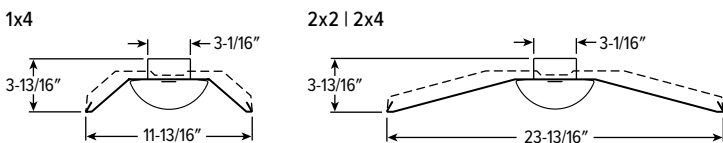
FT-24-LS/8CS-AF-DIM-UNV Total Luminaire Output: 4111 lumens; 27.3 Watts (Low Wattage Setting) | Efficacy: 151 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	1378	1378	1378	
	5	1365	1372	1375	98
	15	1306	1319	1336	214
	25	1191	1218	1254	301
	35	1032	1078	1134	346
	45	837	909	987	348
	55	632	725	816	312
	65	422	538	640	246
	75	220	359	461	161
	85	58	143	149	27
	90	0	0	0	

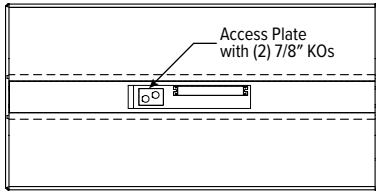
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1741	42
	0 - 60	3088	75
	0 - 90	4111	100
	90 - 180	0	0

CROSS SECTIONS

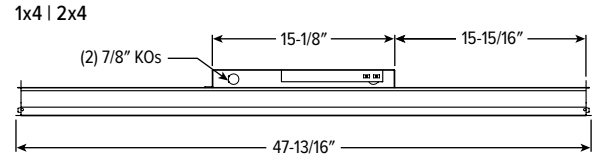
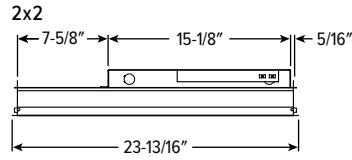


FIXTURE DETAILS

BACK VIEW



SIDE VIEW



FIELDSELECT SWITCHES



DRYWALL KIT (DFK) OPTIONS

ORDERING INFO

EXAMPLE: DFK - 24 48 W			
SERIES	WIDTH	LENGTH	FINISH
DFK Drywall kit	12 1'	48 4'	W White
	24 2'	24 2'	
	24 2'	48 4'	AMW Anti-microbial white

INSTALLATION DIMENSIONS

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

TYPICAL INSTALLATION

Refer to table for dimensions.

