

AC LPT Low Profile Troffer

AGILE-CORE™
Distributed Edge Architecture

PROJECT:

QTY:

TYPE:

CATALOG:

SPECIFICATIONS:

Housing	22-gauge die-formed C.R.S.
Door Frame	22-gauge C.R.S., offset mitered corners, cam latches, and T-style hinges.
Shielding	Frosted acrylic, pattern #12, 0.95" thick
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 > 50,000 hours per IES TM-21. Low-voltage DC fixture, to be fed by Class 2 power supply. 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	NEMA Type "G" 15/16" or 1" grid standard. For NEMA Type "NFG" and "SG" 9/16" grid installations, specify EQCLIPS option. Flange installation available, shipped separately: see page 2 for DRYWALL KIT (DFK) OPTIONS.
Listings	<ul style="list-style-type: none">cCSAus certified as luminaire suitable for dry or damp locations.Complies with the Buy American Act and other federal regulations.
Warranty	5-year limited warranty



FEATURES:

- Maximum energy savings with efficacies up to 192 lm/W
- No in-luminaire drivers extending fixture life, using less materials and lowering costs
- Daisy chain multiple fixtures per home run
- No field wiring when used with cat 6 patch cables and luminaires with RJ45 power connections
- Gasketed door frame features offset mitered corners to eliminate light leaks
- Cam latches close securely and allow hasslefree maintenance
- Made in the USA

CERTIFICATIONS



ORDERING GUIDE:

Example Catalog # AC LPT 2 4 P73/835 S AF12125 RJ45

Family	Width	Length	Lumens	/	CRI	CCT	Door Frame	Shielding	Pwr/Control	Options
AC LPT	2 2'	2 2' 4 4'	2x2 P37 3,666lm P54 5,366lm P69 6905lm		8 80 9 90	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	S White Flat Steel	AF12095 Frosted acrylic, pattern #12, .095" thick	RJ45 two XPD T2P G RJ45 connectors FL flying leads	EQCLIPS Earthquake clips
						TW 3000-5000K		AF12125 Frosted acrylic, pattern #12, .125" thick		DFK-1248W Drywall kit, 12" x 48", white
						TW2 2700-6500K		AF19156 Frosted acrylic, pattern #12, .156" thick		DFK-2424W Drywall kit, 24" x 24", white
										DFK-2448W Drywall kit, 24" x 48", white

PERFORMANCE TABLE

AC LPT @ 80CRI, 3500K

	LED Package	Delivered Lumens	Wattage	Efficacy (lm/W)	Control	LED Channels	LED Vf max (V)	LED If max/ch (mA)
2x2	P37	3666	19.8	185	(2) XPD-T2P-G	1	37	537
	P54	5366	30	179		1	38	527
	P69	6905	39.8	173		2	39	537
2x4	P38	3790	19.7	192		1	37	537
	P73	7322	39.6	185		2	38	527
	P107	10719	60	179		1	39	1552

AC LPT TUNEABLE WHITE

	LED Package	Delivered Lumens	Wattage	Efficacy (lm/W)	Control	LED Channels	LED Vf max (V)	LED If max/ch (mA)
2x2	P35	3775	19.8	191	(2) XPD-T2P-G	2	38	520
	P51	5526	30	184		2	39	776
	P81	7111	50	142		2	40	1264
2x4	P38	3903	19.7	198		2	38	537
	P73	7541	39.5	191		2	38	527
	P107	11039	60	184		2	39	1552

MULTIPLIER TABLE - 80 CRI

Color Temperature			
CCT	Standard	TW	TW2
2700K	0.97	-	0.93
3000K	0.99	0.95	0.95
3500K	1.00	0.98	0.98
4000K	1.03	1.00	1.00
5000K	1.06	0.96	1.02
6500K	-	-	1.01

MULTIPLIER TABLE - 90 CRI

Color Temperature			
CCT	Standard	TW	TW2
2700K	0.80	-	0.93
3000K	0.82	0.91	0.95
3500K	0.83	0.96	0.98
4000K	0.86	1.00	1.00
5000K	0.89	1.03	1.03
6500K	-	-	1.02

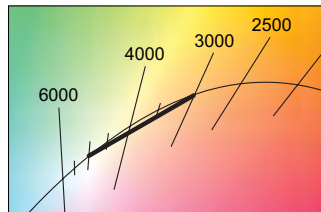
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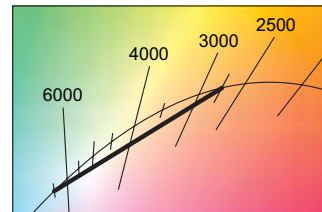
Lens	Conversion Factor
AF12095	1.00
AF12125	1.00

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Standard results based on 3500K standard, 80 CRI, actual lumens may vary +/-5%
- Tunable white results based on 4000K standard, 80 CRI, actual lumens may vary +/-5%
- Use multiplier tables to calculate additional options.

TW



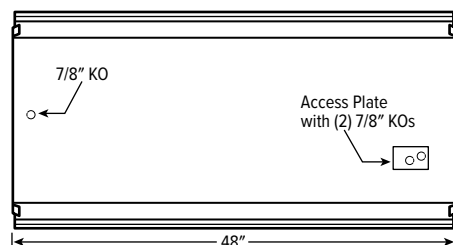
TW2



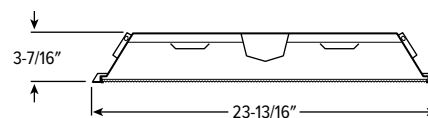
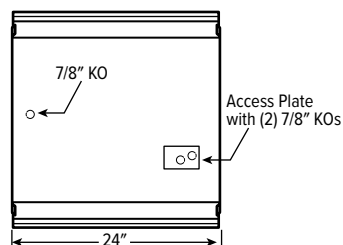
FIXTURE DETAILS

BACKVIEW

2x4



2x2



AC LPT W/ RJ45 PWR/CONTROL

Includes (2) XPD T2P G RJ45 Connectors pre-wired to the luminaire



DRYWALL KIT (DFK) OPTIONS

ORDERING INFO

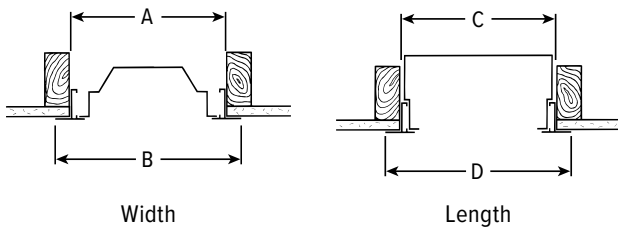
EXAMPLE: DFK - 24 48 W			
Series	Width	Length	Finish
DFK Drywall kit	24 2'	24 2'	W White AMW Anti-microbial white
	24 2'	48 4'	

INSTALLATION DIMENSIONS

Nominal Size	Rough-In		Finish Trim Size	
	Width (A)	Length (C)	Width (B)	Length (D)
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.



AGILE-CORE POWER DISTRIBUTION AND CONTROL SYSTEM

