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	• 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
- Gasketed door frame features offset mitered corners to eliminate light leaks
- Cam latches close securely and allow hasslefree maintenance
- Made in the USA

CERTIFICATIONS

C SP US · BAA · MADE IN USA · BABA · RoHS · TAA Compliant

ORDERING GUIDE:

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

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** 2x4 **P38 3,790lm** **P73 7,322lm** **P107 10,719lm**		8 80 9 90	**27** 2700K **30** 3000K **35** 3500K **40** 4000K **50** 5000K **TW** 3000-5000K **TW2** 2700-6500K	**S** White Flat Steel	**AF12095** Frosted acrylic, pattern #12, .095″ thick **AF12125** Frosted acrylic, pattern #12, .125″ thick **AF19156** Frosted acrylic, pattern #12, .156″ thick	**FL** flying leads	**EQCLIPS** Earthquake clips **DFK-1248W** Drywall kit, 12″ x 48″, white **DFK-2424W** Drywall kit, 24″ x 24″, white **DFK-2448W** Drywall kit, 24″ x 48″, white

©2026 Sinclair Digital Services, Inc. | 817.255.4015 | www.sinclair-digital.com
Specifications subject to change without notice. All trademarks, product names, logos, and brands mentioned are the property of their respective owners. Use of these trademarks does not imply endorsement or affiliation. Rev 10/20/26

AC LPT Low Profile Troffer

AGILE-CORE®
Distributed Edge Architecture

PERFORMANCE TABLE

AC LPT @ 80CRI, 3500K

	LED Package	Delivered Lumens	Wattage	Efficacy (lm/W)	LED Channels	LED Vf max (V)	LED If max/ch (mA)
2x2	P37	3666	19.8	185	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)	LED Channels	LED Vf max (V)	LED If max/ch (mA)
2x2	P35	3775	19.8	191	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

©2026 Sinclair Digital Services, Inc. | 817.255.4015 | www.sinclair-digital.com
Specifications subject to change without notice. All trademarks, product names, logos, and brands mentioned are the property of their respective owners. Use of these trademarks does not imply endorsement or affiliation. Rev 10/20/26

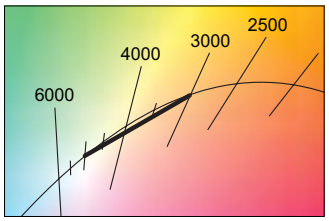
AC LPT Low Profile Troffer

AGILE-CORE®
Distributed Edge Architecture

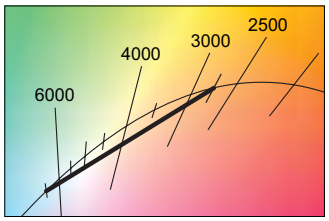
Lens	Conversion Factor
AF12095	1.00
AF12125	1.00

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25ºC 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



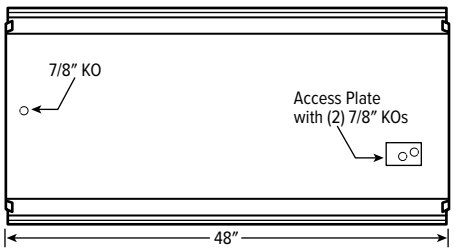
TW2



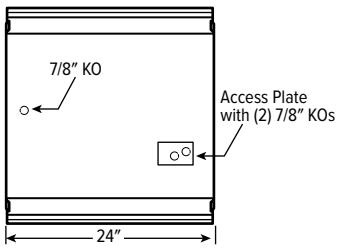
FIXTURE DETAILS

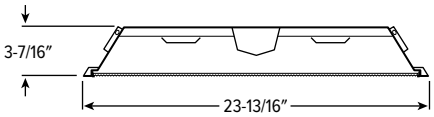
BACKVIEW

2x4



2x2





SINCLAIR DIGITAL

©2026 Sinclair Digital Services, Inc. | 817.255.4015 | www.sinclair-digital.com
Specifications subject to change without notice. All trademarks, product names, logos, and brands mentioned are the property of their respective owners. Use of these trademarks does not imply endorsement or affiliation. Rev 10/20/26

AC LPT Low Profile Troffer

AGILE-CORE®
Distributed Edge Architecture

DRYWALL KIT (DFK) OPTIONS

ORDERING INFO

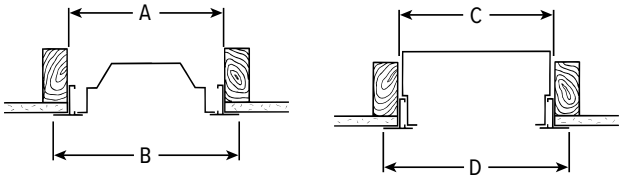
EXAMPLE: DFK - 24 48 W			
Series	**Width**	**Length**	**Finish**
DFK Drywall kit	**24** 2′	**24** 2′	**W** White **AMW** Anti-microbial white
	24 2′	**48** 4′	

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″

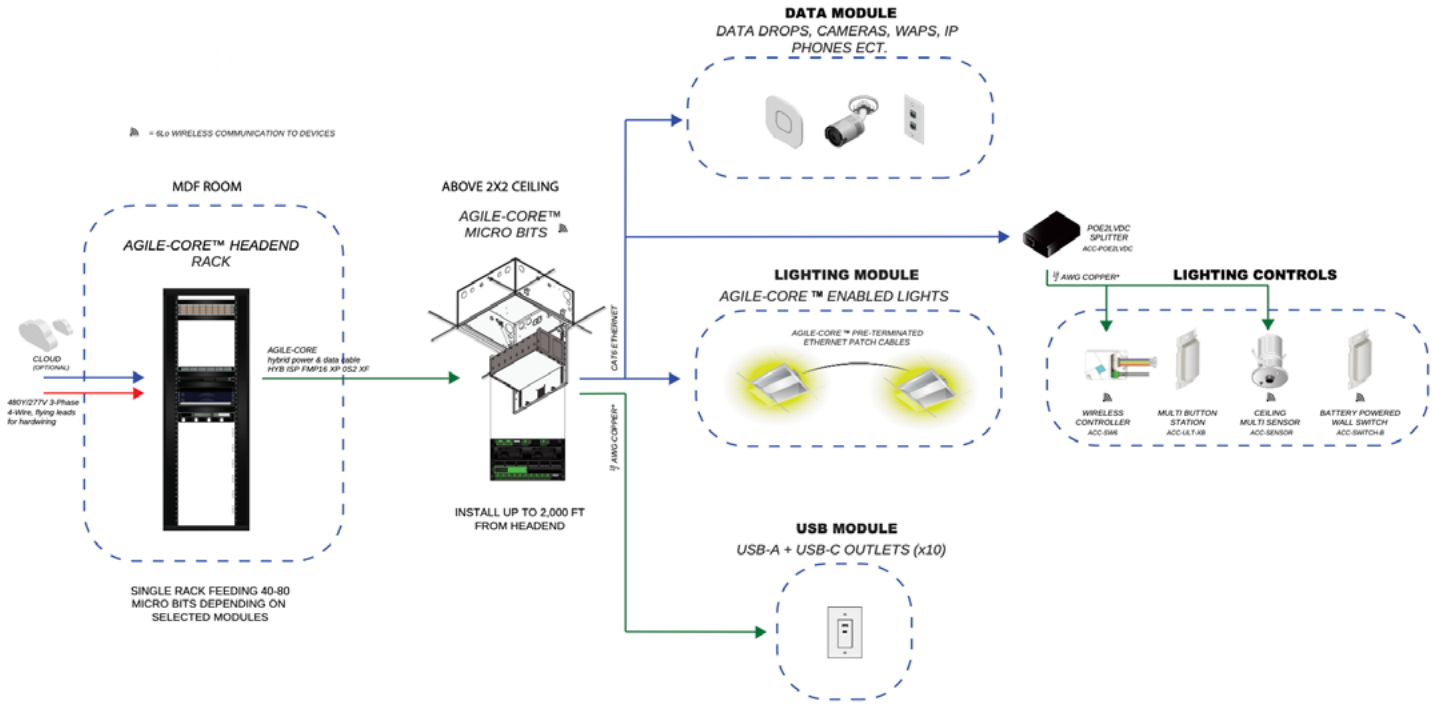
TYPICAL INSTALLATION

Refer to table for dimensions.



Width Length

AGILE-CORE POWER DISTRIBUTION AND CONTROL SYSTEM



SINCLAIR DIGITAL

©2026 Sinclair Digital Services, Inc. | 817.255.4015 | www.sinclair-digital.com
Specifications subject to change without notice. All trademarks, product names, logos, and brands mentioned are the property of their respective owners. Use of these trademarks does not imply endorsement or affiliation. Rev 10/20/26