

FIXTURE SPECIFICATIONS

Our architectural LED recessed center-basket troffer light features an asymmetrical center basket made of perforated metal that completely eliminates glare while providing an aesthetically pleasing alternative to acrylic lensed models. Engineered with a corrosion-resistant matte surface, it efficiently reflects light to create a comfortable and abundant lighting environment. Smooth edges ensure easy handling. This LED troffer is Buy American Act compliant and comes with a standard 5-year warranty, with an optional extension of up to 10 years for added peace of mind, making it ideal for offices, classrooms, medical offices and other institutional applications.

FEATURES

- Construction:** Die-formed and welded 22-gauge cold rolled steel
- Recessed Mount:** T-bar safety clips compatible with 15/16, 9/16 grid, applicable for direct insulation contact
- Diffuser:** Metal perforated with white acrylic overlay
- Voltage:** 120-277V (50/60 Hz)
- Finish:** Textured matte white powder coat, over rust inhibiting phosphate coating for corrosion resistance
- Life:** Calculated L70 @ 122,000 hours, Reported L70 @ +60,000 hours, LM80
- Warranty:** 5 Year (Standard), 7 & 10 Year options available
- Listings:** cULus Listed, BAA compliant, IC Rated, LM80, CEC Compliant EM, Assembled in the USA, Bluetooth Mesh System available¹



Recessed



Surface

Alcon Lighting 24000 Architectural LED Recessed Center Basket Troffer



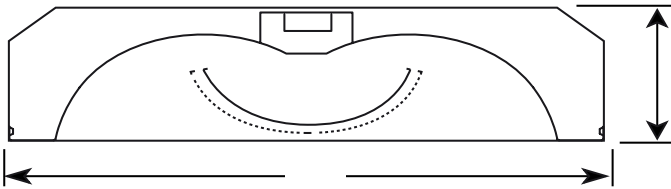
ORDERING INFORMATION Example: (24000-RT-1436-30K-9-W10)

Model	Mount Type	Size Wattage Lumen			Color Temp		CRI	Controls	Options	
24000	RT	1x4	2x2	2x4	27K ²	2700K	Blank ^{Standard}	80+	TUNABLE WHITE³	BEM 8 Watt Emergency Back-up Battery
	Recessed	1436	2227	2436	30K	3000K	9	90+	TW-WWR-BK	DPL Dust/Bug Proof Clear Acrylic Lens
	T-Bar Grid	36W 2752 lms	27W 2390 lms	36W 3777 lms	35K	3500K				AM Matte White Anti-Microbial Coating
	RF	1444	2236	2444	40K	4000K				
	Recessed	44W 2899 lms	36W 3187 lms	44W 4617 lms	50K	5000K				
	Flanged	1454	2244	2454	TUNABLE WHITE				TW-WWR-WH	Wireless White Wall Remote
	Drywall	54W 4211 lms	44W 3896 lms	54W 5666 lms	TW2750		2700-5000K (Wired)		TW-DWR-BK	Wireless Black Desktop Remote
	S	2254	2468	2750	TW2065		2000-6500K (Wired)			
	Surface	54W 4781 lms	68W 7136 lms	2762	TW2762		2700-6200K (Wireless)		2103	Dual Channel Wall Dimmer Switch

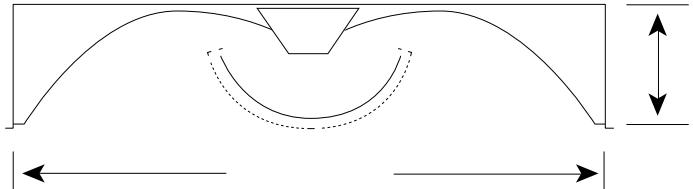
¹ Please contact factory for more information.
² Must be paired with 90+ CRI option.
³ Wireless control must be specified (page 3).

LINE DRAWINGS

Recessed

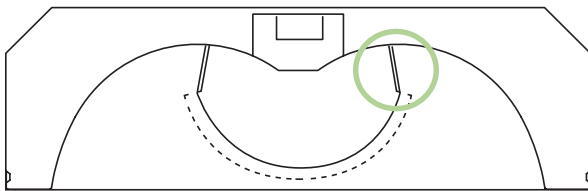


Surface



	1x4	2x2	2x4
Length	47-3/4 (1213)	23-3/4 (603)	47-3/4 (1213)
Width	11-15/16 (303)	23-15/16 (608)	23-15/16 (608)
Height	5-1/2" (140mm)	5-1/2" (140mm)	5-1/2" (140mm)

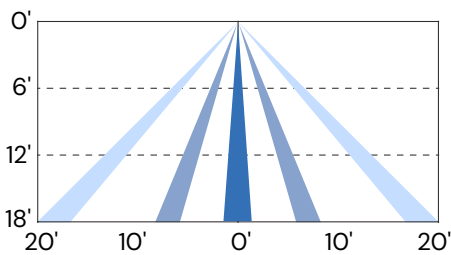
	1x4	2x2	2x4
Length	49 (1244)	25 (634)	49 (1244)
Width	12 (304)	24 (609)	24 (609)
Height	5-1/2" (140mm)	5-1/2" (140mm)	5-1/2" (140mm)



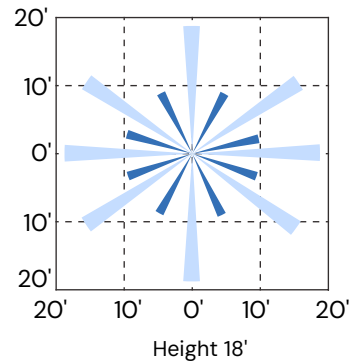
DPL
Optional Dust/Bug Proof Clear Acrylic Lens

AMS IFS105SE COVERAGE PATTERN

SIDE VIEW



TOP VIEW

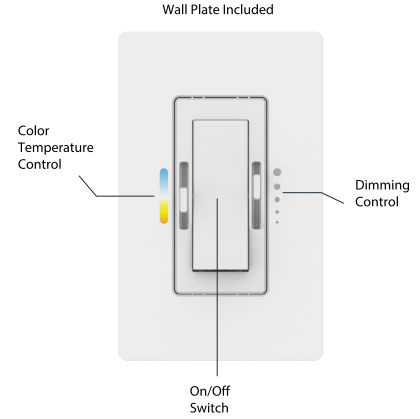


COMPATIBLE DIMMERS

	0-10V
	2100
	2101
	2102
	DVSTV

TUNABLE WHITE

[2103](#)



WIRELESS TUNABLE WHITE CONTROL

Weight	0.35 lbs
Dimming Type	PWM
Signal Type	RF (Radio Frequency) 434 MHz/868MHz
Range	100ft from fixture
Maximum Load	24V @ DC 480W
Working Temperature	-20°F to 140°F (-28C to 60°C)
Battery	3V (CR2032 Battery)

Wall

L - 4 3/8" x W - 3 1/4" x D - 1 3/4"



Desktop

L - 4 3/8" x W - 3 1/4" x D - 2 1/2"



COLOR TEMPERATURE GUIDE



2700K

WARM
WHITE

friendly
personal
intimate

HOMES
LIBRARIES
RESTAURANTS



3000K

SOFT WHITE
GLOW

soft
warm
pleasing

HOMES
HOTEL ROOMS
LOBBIES
RETAIL STORES



3500K

NEUTRAL
GLOW

sociable
inviting
non-threatening

EXECUTIVE OFFICES
RECEPTION AREAS
SUPERMARKETS



4000K

COOL WHITE
GLOW

neat
clean
efficient

OFFICES
CLASSROOMS
MASS MERCHANDISERS
SHOWROOMS



5000K

DAYLIGHT
GLOW

bright
cool
alert

GRAPHICS INDUSTRY
HOSPITALS
GALLERIES
BEAUTY SALONS



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