

Series 131

LED Lensed Troffer, Recessed Linear

Series 131 is a specification grade, low profile troffer family available in a multitude of ways – based on four Kelvin temperature options, ten diffuser styles and three size configurations. These durable and unobtrusive lensed LED troffers achieve both energy efficiency and high light output. They are ideal for commercial and industrial buildings requiring general illumination with recessed configurations and are rated for both dry and damp locations.

CONSTRUCTION

This fixture's housing is die-formed and embossed code 22 gauge steel with a high-reflectance, baked white enamel finish. The lens has been designed using a hinged, steel door frame that makes maintenance and driver access quick and easy from underneath without tools.

TYPICAL OPTIONS & ACCESSORIES

Emergency battery backup, cord sets, whips, wire guards.
Contact factory for additional options.

MOUNTING

An access plate is furnished with each recessed fixture for fast wiring connections without necessity to pen the fixture or wireway. Designed for recessed installation in standard inverted T-grid ceiling, recessed installation in hard ceilings with FIK kits (sold separately), surface mount available with shroud kit (sold as complete item).



DIMENSIONS

1x4 - 48"L x 11.75"W x 4"H
2x2 - 24"L x 23.75"W x 4"H
2x4 - 48"L x 23.75"W x 4"H

FEATURES & BENEFITS

- Shallow, low profile design.
- Clean exterior look with no exterior fasteners
- For recessed installation in standard T-grid ceilings
- Fully enclosed spring loaded cam latches allow years of hassle free maintenance.
- Heavy gauge welded end plates and housing ensure durable, rigid construction
- Dry and damp location rated, with a fully gasketed door that minimizes contaminants
- Post painted powder coat finish
- >50,000 hrs of L70 LED life
- CRI >80 (90CRI avail.)
- 0-10 Volt dimmable 120-277 (120V ELV/TRIAC avail.)
- Power Factor 0.90
- IC rated for dry and damp locations
- Chicago Plenum Rated (Optional)
- 5 year warranty.



CATALOG#:

PROJECT:

TYPE:

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ORDER INFORMATION

Factory at your fingertips. Fill in the blanks to create your part number or create a custom configuration.

SERIES	LENS MATERIAL		SIZE		WATTAGE & LUMENS ³		DRIVER		CRI ⁴			
131 Troffer Grid Mount SM131 Troffer Microwave On/Off Sensor	A	Prismatic Acrylic #12 Pattern	14L	1x4	Y15W	15 Watts 2100 Lumens	DMV	0-10V Dimming	Blank 9	80 CRI 90 CRI		
	A125	Prismatic Acrylic #12 Pattern 1/8"			Y25W	25 Watts 3450 Lumens					G120	ELV/TRIAC dimming at 120V only (only available with SS sensor)
	MW¹	Matte White Acrylic			Y30W	30 Watts 4100 Lumens						
	SP1²	Specular Parabolic Louver 1/2" x 1/2" x 3/8"			Y35W	35 Watts 4800 Lumens						
	SP4²	Specular Parabolic Louver 3/4" x 3/4" x 1/2"			Y45W	45 Watts 6100 Lumens						
	SP2²	Specular Parabolic Louver 1 1/2" x 1 1/2" x 1"			Y54W	54 Watts 7300 Lumens						
	PLA²	White Cubed Acrylic Louver 1/2" x 1/2" x 3/8"	22L	2x2	Y15W	15 Watts 2100 Lumens	DMV(xx)	0-10V Dimming (xx) for percentage of light output when not occupied. (required for SV sensor)				
					Y20W	20 Watts 2700 Lumens						
					Y25W	25 Watts 3300 Lumens						
					Y33W	33 Watts 4250 Lumens						
			24L	2x4	Y20W	20 Watts 3100 Lumens						
Y25W					25 Watts 4000 Lumens							
Y30W					30 Watts 4750 Lumens							
Y35W	35 Watts 5400 Lumens											
Y40W	40 Watts 6050 Lumens											
				Y45W	45 Watts 6750 Lumens							
				Y54W	54 Watts 7700 Lumens							

CCT	MOUNTING
30K 3000K	WP 6 ft. 3 wire 18 gauge whip
35K 3500K	WP4 6 ft. 4 wire 18 gauge whip (non dimming EM)
40K 4000K	WP5W 6 ft. 5 wire 18 gauge whip
50K 5000K	WP6W 6 ft. 6 wire 18 gauge whip (dimming EM)
	EM14 14W Emergency battery backup (integrated)
	EM12 12W Emergency backup (2x4 only or remote)
	EM20 20W Emergency backup (remote only)
	GK1 Single gasket (lens to door frame)
	GK2 Double gasket (lens/frame + frame to troffer)
	GK3 Triple gasket (lens/frame + frame/troffer + troffer to T-grid)
	FIK1x4 1x4 Frame-in-kit 2x2
	FIK2x2 Frame-in-kit
	FIK2x4 2x4 Frame-in-kit
	CP Chicago Plenum Rated (Optional)
	FAW Flush Aluminum White Door Frame

¹White acrylic lens about 25% light loss.

²Consult factory for lead time.

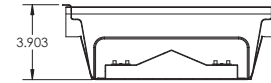
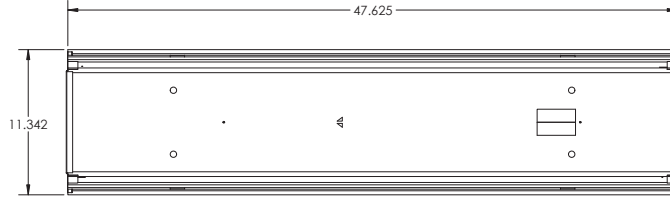
³Programmable LED drivers allow custom configured wattages and corresponding lumens.

⁴Consult factory for 90 CRI 5000K availability.

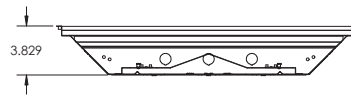
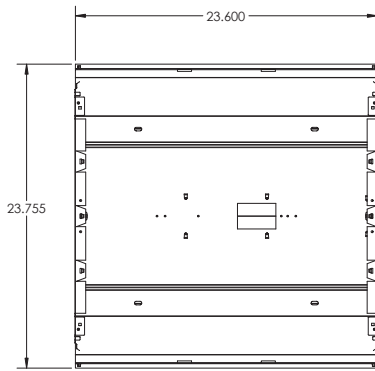
NOTE: Values shown are typical or recorded under standardized conditions at 25°C. Actual performance may vary based environment or application. Specifications are subject to change without notice. We reserve the right to change design, materials, LED's and finish in any way that will not alter installed appearance or reduce function and performance.

DRAWINGS & IMAGES

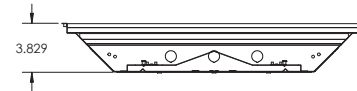
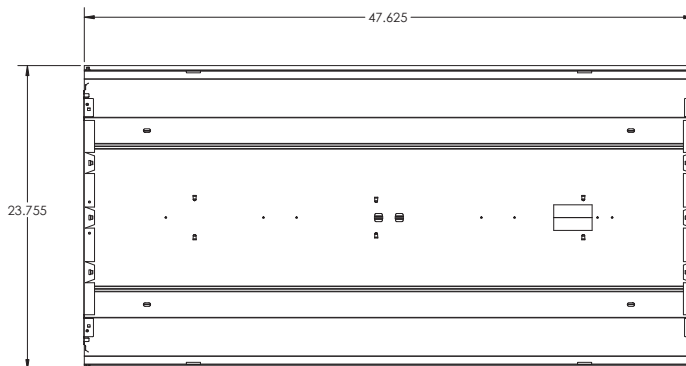
1x4



2x2



2x4



REPLACEMENT LENS ORDERING INFORMATION

SERIES	DESCRIPTION
0131A14L	Replacement Acrylic lens for 1x4
0131A22L	Replacement Acrylic lens for 2x2
0131A24L	Replacement Acrylic lens for 2x4

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DLC LISTED

ITEM NUMBER - 1X4

131A14LY15W(DMV,G120,SRMV)30K0000
131A14LY15W(DMV,G120,SRMV)35K0000
131A14LY15W(DMV,G120,SRMV)40K0000
131A14LY15W(DMV,G120,SRMV)50K0000
131A14LY25W(DMV,G120,SRMV)30K0000
131A14LY25W(DMV,G120,SRMV)35K0000
131A14LY25W(DMV,G120,SRMV)40K0000
131A14LY25W(DMV,G120,SRMV)50K0000
131A14LY30W(DMV,G120,SRMV)30K0000
131A14LY30W(DMV,G120,SRMV)35K0000
131A14LY30W(DMV,G120,SRMV)40K0000
131A14LY30W(DMV,G120,SRMV)50K0000
131A14LY35W(DMV,G120,SRMV)30K0000
131A14LY35W(DMV,G120,SRMV)35K0000
131A14LY35W(DMV,G120,SRMV)40K0000
131A14LY35W(DMV,G120,SRMV)50K0000
131A14LY45W(DMV,G120,SRMV)30K0000
131A14LY45W(DMV,G120,SRMV)35K0000
131A14LY45W(DMV,G120,SRMV)40K0000
131A14LY45W(DMV,G120,SRMV)50K0000
131A14LY54W(DMV,G120,SRMV)30K0000
131A14LY54W(DMV,G120,SRMV)35K0000
131A14LY54W(DMV,G120,SRMV)40K0000
131A14LY54W(DMV,G120,SRMV)50K0000

ITEM NUMBER - 2X2

131A22LY15W(D,G,DALI,DEXAL,SR)(MV,120)30K
131A22LY15W(D,G,DALI,DEXAL,SR)(MV,120)35K
131A22LY15W(D,G,DALI,DEXAL,SR)(MV,120)40K
131A22LY15W(D,G,DALI,DEXAL,SR)(MV,120)50K
131A22LY20W(D,G,DALI,DEXAL,SR)(MV,120)30K
131A22LY20W(D,G,DALI,DEXAL,SR)(MV,120)35K
131A22LY20W(D,G,DALI,DEXAL,SR)(MV,120)40K
131A22LY20W(D,G,DALI,DEXAL,SR)(MV,120)50K
131A22LY25W(D,G,DALI,DEXAL,SR)(MV,120)30K
131A22LY25W(D,G,DALI,DEXAL,SR)(MV,120)35K
131A22LY25W(D,G,DALI,DEXAL,SR)(MV,120)40K
131A22LY25W(D,G,DALI,DEXAL,SR)(MV,120)50K
131A22LY33W(D,G,DALI,DEXAL,SR)(MV,120)30K
131A22LY33W(D,G,DALI,DEXAL,SR)(MV,120)35K
131A22LY33W(D,G,DALI,DEXAL,SR)(MV,120)40K
131A22LY33W(D,G,DALI,DEXAL,SR)(MV,120)50K

ITEM NUMBER - 2X4

131A24LY20W(D,G,DALI,DEXAL,SR)MV30K0000
131A24LY20W(D,G,DALI,DEXAL,SR)MV35K0000
131A24LY20W(D,G,DALI,DEXAL,SR)MV40K0000
131A24LY20W(D,G,DALI,DEXAL,SR)MV50K0000
131A24LY25W(D,G,DALI,DEXAL,SR)MV30K0000
131A24LY25W(D,G,DALI,DEXAL,SR)MV35K0000
131A24LY25W(D,G,DALI,DEXAL,SR)MV40K0000
131A24LY25W(D,G,DALI,DEXAL,SR)MV50K0000
131A24LY30W(D,G,DALI,DEXAL,SR)MV30K0000
131A24LY30W(D,G,DALI,DEXAL,SR)MV35K0000
131A24LY30W(D,G,DALI,DEXAL,SR)MV40K0000
131A24LY30W(D,G,DALI,DEXAL,SR)MV50K0000
131A24LY35W(D,G,DALI,DEXAL,SR)MV30K0000
131A24LY35W(D,G,DALI,DEXAL,SR)MV35K0000
131A24LY35W(D,G,DALI,DEXAL,SR)MV40K0000
131A24LY35W(D,G,DALI,DEXAL,SR)MV50K0000
131A24LY40W(D,G,DALI,DEXAL,SR)MV30K0000
131A24LY40W(D,G,DALI,DEXAL,SR)MV35K0000
131A24LY40W(D,G,DALI,DEXAL,SR)MV40K0000
131A24LY40W(D,G,DALI,DEXAL,SR)MV50K0000
131A24LY45W(D,G,DALI,DEXAL,SR)MV30K0000
131A24LY45W(D,G,DALI,DEXAL,SR)MV35K0000
131A24LY45W(D,G,DALI,DEXAL,SR)MV40K0000
131A24LY45W(D,G,DALI,DEXAL,SR)MV50K0000
131A24LY54W(D,G,DALI,DEXAL,SR)MV30K0000
131A24LY54W(D,G,DALI,DEXAL,SR)MV35K0000
131A24LY54W(D,G,DALI,DEXAL,SR)MV40K0000
131A24LY54W(D,G,DALI,DEXAL,SR)MV50K0000

