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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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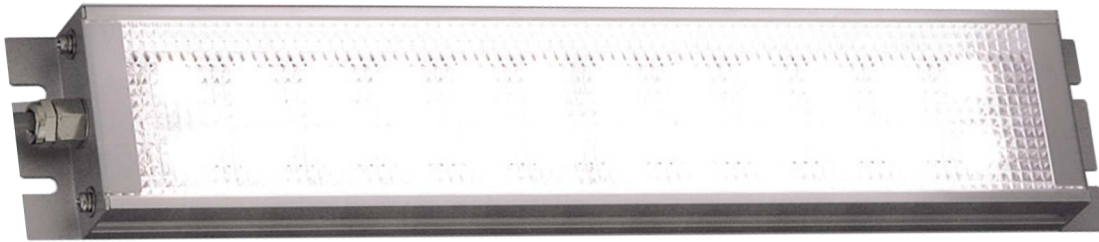
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LUMIFA LF1A

Control Panels • Manufacturing Equipment



PRODUCT DESCRIPTION

LF1A LED strips use super-bright multi-chip LEDs providing illumination equivalent to a 25W fluorescent lamp, while consuming only one-third the power. They come in a thin housing available in three sizes with four color configurations: cool white (5500K), warm white (2800K), yellow (590nm) and red (625nm).

KEY FEATURES

- Brightness: 66.6 Lumens/Watt
- Energy savings: One-third of fluorescent lamps
- Long life: 40,000 hrs (Half-life)
- UL Listed
- RoHS Compliant
- IP40

GENERAL SPECIFICATIONS

Model		LF1A-*-2THWW6	LF1A-*-2TLWW6	LF1A-*-2SHY8	LF1A-*-2SHR8
Rated Voltage		24V DC (non-polarized)			
Input Current (at rated voltage), mA	LED Array 3 x 2	75		90	
	LED Array 6 x 2	150		180	
	LED Array 12 x 2	300		360	
Rated Power (at rated voltage), W	LED Array 3 x 2	1.8		2.2	
	LED Array 6 x 2	3.6		4.4	
	LED Array 12 x 2	7.2		8.7	
Dielectric Strength		Between live and dead parts: 1000V AC, 1 minute			
Insulation Resistance		Between live and dead parts: 100 MΩ (500V DC megger)			
Operating Temperature		-20 to +50°C			
Storage Temperature		-25 to +70°C			
Operating/Storage Humidity		45 to 85% RH (no condensation)			
Life (half luminance) ¹		40,000 hours			
Degree of Protection		IP40			
Weight (approx.), g		LF1A-A1: 190, LF1A-B1: 270, LF1A-D1: 470			

*LED Array A1 = 3x2, B1 = 6x2, D1 = 12x2

1. LED life depends on the operating environment.





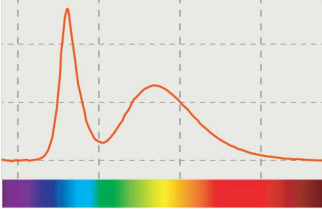
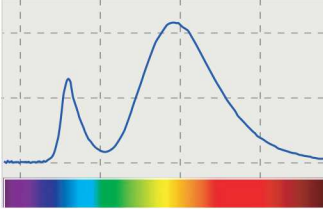
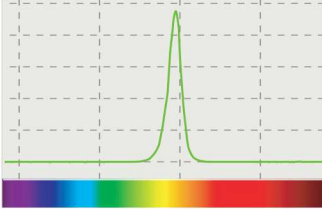
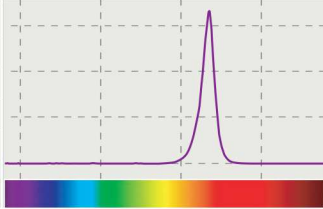


LED OPTICAL SPECIFICATIONS

Model	LF1A-*-2THWW6	LF1A-*-2TLWW6	LF1A-*-2SHY8	LF1A-*-2SHR8
illumination Color	Cool White	Warm White	Yellow	Red
Luminous Intensity (Single LED module), mcd	6000	4000	4000	2500
Color Temperature/Dominant Wavelength	5500K	2800K	590nm	625nm
Reference Illuminance at 0.5m, lx	LED Array 3 x 2	190	130	85
	LED Array 6 x 2	380	260	170
	LED Array 12 x 2	760	520	340

*LED Array A1 = 3x2, B1 = 6x2, D1 = 12x2

PART NUMBERS

Color	Cool White	Warm White	Yellow	Red
Part Number	LF1A-*-2THWW6	LF1A-*-2TLWW6	LF1A-*-2SHY8	LF1A-*-2SHR8
Appearance				
Light Spectrum				

*LED Array A1 = 3x2, B1 = 6x2, D1 = 12x2

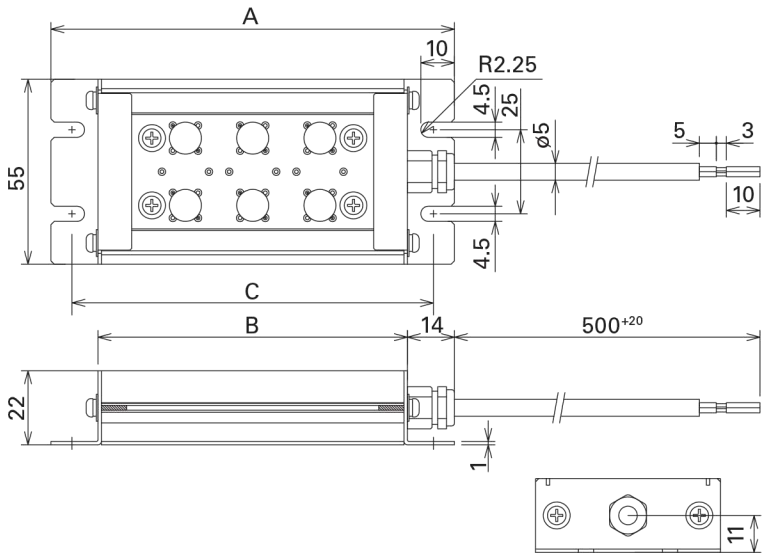
PART NUMBER STRUCTURE (USE FOR INTERPRETING PART NUMBERS ONLY)

LF1A - A1 - 2 THWW6

LED Module Arrangement
A1: 3 LEDs x 2 rows
B1: 6 LEDs x 2 rows
D1: 12 LEDs x 2 rows

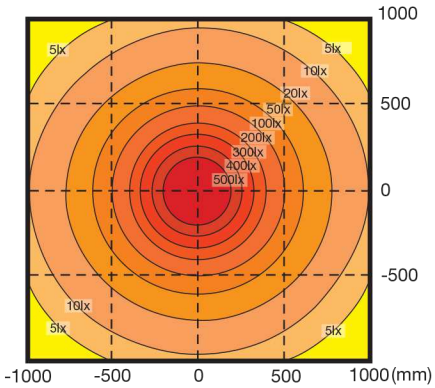
LED Illumination Color
THWW6: Cool White
TLWW6: Warm White
SHY8: Yellow
SHR8: Red

DIMENSIONS (mm)



Part Number	A	B	C
LF1A-A1-	120	92	108
LF1A-B1-	180	152	168
LF1A-D1-	300	272	288

ILLUMINANCE CHART (LF1A-D1-2THWW6)



ACCESSORY

Item	Mounting Bracket—Adjustable Angle	
Part No.	LF9Z-1MA1	
Material	Stainless Steel	

1 pair, Left and Right.