

Selection Guide











			Application Examples	Illumination Color ¹	Reference Illumination ²	Power Consumption	Operating Voltage	Page		
LF1D/2D	Mini	LF1D-C (IP67F/IP67/IP69K)		<ul style="list-style-type: none"> · Machine tools · Food processing machines · Automatic manufacturing machines · Printing machines · Production system · Test equipment 	White (5700K)	180lx	4.6W	24V DC	page 4	
		LF1D/2D Wide-angle and High Luminance (IP67F/IP67/IP69K)	Slim		<ul style="list-style-type: none"> · Machine tools · Food processing machines · Automatic manufacturing machines · Printing machines · Production system · Test equipment 	White (5700K)	1450lx	11W		24V DC
			Wide				1200lx	12.5W		
	Long	LF1D-H (IP67F/IP67/IP69K)		<ul style="list-style-type: none"> · Machine tools · Food processing machines · Automatic manufacturing machines · Printing machines · Production system · Test equipment 	Neutral White (4700K) ³	560lx	18.4W	24V DC		
		LF1D-J (IP67F/IP67/IP69K)				840lx	27.6W			
	LF2B (IP65)	Clear Cover		<ul style="list-style-type: none"> · Various machines and systems · Control panel · Plant · Solar power equipment 	White (6500K)	LF2B-B: 290lx LF2B-C: 540lx LF2B-D: 1065lx LF2B-E: 1385lx LF2B-F: 1520lx	12/24V DC LF2B-B: 2.6W LF2B-C: 4.9W LF2B-D: 10.6W	12/24V DC		page 11
White Cover			LF2B-B: 265lx LF2B-C: 500lx LF2B-D: 980lx LF2B-E: 1275lx LF2B-F: 1400lx			100 to 240V AC LF2B-B: 2.2W LF2B-C: 4.4W LF2B-D: 7.8W LF2B-E: 12.2W LF2B-F: 15.9W	100 to 240V AC			

1. K: Color Temperature (typ.), mm: Dominant Wavelength (typ.).

2. Directly below at 1m unless otherwise noted.

3. To match traditional cool fluorescent lamps.

LED Lighting

			Application Examples	Illumination Color ¹	Reference Illumination ²	Power Consumption	Operating Voltage	Page
LF1B-N (IP65)	Clear/ White Cover		<ul style="list-style-type: none"> · Machine tool · Plant equipment · Test equipment · Control panel 	Cool white (6500K)	LF1B-NA: 95lx LF1B-NF: 1350lx	Cool white/ Warm white/ Blue LF1B-NA: 1.5W LF1B-NB: 2.9W LF1B-NC: 4.4W LF1B-ND: 8.7W LF1B-NE: 13.0W LF1B-NF: 17.3W Yellow/Red/ Green LF1B-NA: 1.0W LF1B-NB: 2.0W LF1B-NC: 2.9W LF1B-ND: 5.8W LF1B-NE: 8.7W LF1B-NF: 11.6W	24V DC	13
			<ul style="list-style-type: none"> · Food processing machines · Cosmetic plant · Chemical plant · Show cases 	Warm white (3000K)	LF1B-NA:90lx LF1B-NF: 1300lx			
			<ul style="list-style-type: none"> · Semiconductor manufacturing equipment · IC foundry 	Yellow (590nm)	LF1B-NA: 20lx LF1B-NF: 180lx			
			<ul style="list-style-type: none"> · Photosensitive material · Semiconductor manufacturing equipment · Darkroom experiment 	Red (620nm)				
			<ul style="list-style-type: none"> · Advertising Display · Light ornaments 	Blue (455nm)	LF1B-NA: 10lx LF1B-NF: 80lx			
				Green (525nm)	LF1B-NA: 30lx LF1B-NF: 300lx			
LF1A (IP40)	Clear Cover		<ul style="list-style-type: none"> · Control Panels · Manufacturing Equipment 	Cool white (5500K)	LED Array 3x2: 190lx LED Array 6x2: 380lx LED Array 12x2: 760lx	LED Array 3x2: 1.8W LED Array 6x2: 3.6W LED Array 12x2: 7.2W LED Array 3x2: 2.2W LED Array 6x2: 4.4W LED Array 12x2: 8.7W	24V DC	15
				Warm white (2800K)	LED Array 3x2: 130lx LED Array 6x2: 260lx LED Array 12x2: 520lx			
				Yellow (590nm)	LED Array 3x2: 130lx LED Array 6x2: 260lx LED Array 12x2: 520lx			
				Red (625nm)	LED Array 3x2: 85lx LED Array 6x2: 170lx LED Array 12x2: 340lx			
EF1A (IP67 or IP65 with switch)			<ul style="list-style-type: none"> For Hazardous Locations: · Oil, gas and mining industries · Printing factory · Gas station · Chemical complex control panel 	White (5700K)	Clear glass surface: 1,100lx (condensing light) 205lx (diffused light) Translucent glass: 450lx (condensing light) 175lx (diffused light)	19W 17W	100 to 240V AC 24V DC	17

1. K: Color Temperature (typ.), mm: Dominant Wavelength (typ.).
2. Directly below at .5m unless otherwise noted.