

# LED Line Lights - Heat & Oil Resistant / Oil Resistant IP67F (LEDN) IP67 (LEDK)

# LED Line Lights - Water-Resistant Hard Glass Tube IP67 (LEDG)

**LEDN (Heat & Oil Resistant)**

**Side View of the Mounting Interface**

**Cable Detail\***

Lead Wire White + Brown - Green Ground

Min. Bending Radius R31

\*Applicable cable for non-cabled type is Ø3.5~Ø5.5mm.

For AC Adapter and ON / OFF Switch, see P.1054.  
Dimming not possible. For Dimming Types, see P.1025.

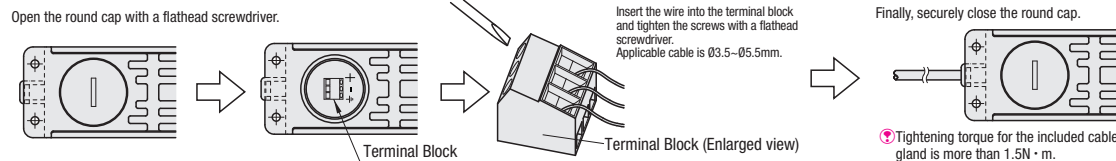
Part Name	Material	Surface Treatment
Main Body	Top : SUS Bottom : Aluminum	Electroless Nickel Plating
Cover	Reinforced Glass	-
Cable	PVC	-

Part Number	Cable	L	Iluminance (Lux, lx)	Fluorescent lamp illumination comparison (Ref.)	Input Voltage (V)	Input Current (mA)	Power Consumption (W)	Temperature Range (°C)	Color Temperature (Kelvin, K)	Luminous Intensity Angle	Mass (g)	Unit Price	Volume Discount Rate
Type	P		lx/0.5m	lx/1m								1 - 9 pc(s).	10 - 50
LEDN (High Temp. Compatible / Oil Resistant)	305	1 (Yes) 2 (No)	317	4800	1200	40W~	DC24 ±10%	400	9	-20~60 (-20~80)*	4600~5600	60°	900

\* When using in 60°C ~ 80°C environment, be sure to mount on 50cm square and 2mm thick metal plate. For details of the wavelengths of the luminous colors, refer to P.1056.  
For each detail, see the glossary on P.1055. For order and installation, confirm "Notes on Usage" section on P.1056.  
As the LED elements vary on their luminous colors and luminance, they may be slightly different in their colors and brightness, though they are of the same part numbers.

Ordering Example: Part Number - Cable  
LEDN305 - 1

Example: About Cable Installation (When cabled model is selected the cable is already installed)



**LEDK (Oil Resistant)**

**Side View of the Mounting Interface**

**Cable Detail**

Lead Wire Brown + Blue -

Min. Bending Radius R2.75

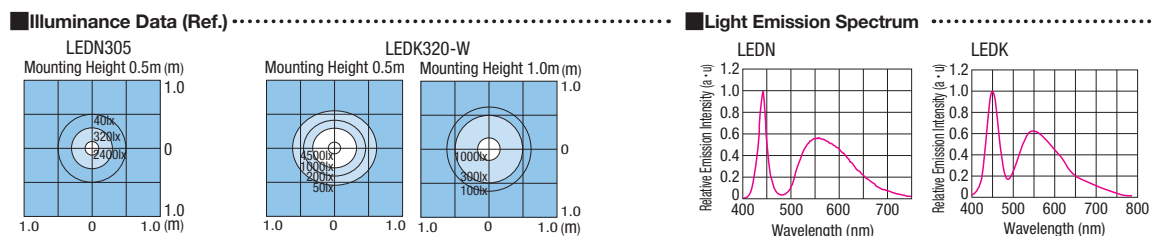
For AC Adapter and ON / OFF Switch, see P.1054.  
Dimming not possible. For Dimming Types, see P.1025.

Part Name	Material	Surface Treatment
Main Body	Aluminum	Black Anodized
Surface Cover	Reinforced Glass	-
Bracket on Both Ends	Glass Fiber Reinforced Nylon 66	-
Cable	PVC	-

Part Number	Color	L	Iluminance (Lux, lx)	Fluorescent lamp illumination comparison (Ref.)	Input Voltage (V)	Input Current (mA)	Power Consumption (W)	Temperature Range (°C)	Color Temperature (Kelvin, K)	Luminous Intensity Angle	Mass (g)	Unit Price	Volume Discount Rate
Type	P		lx/0.5m	lx/1m								1 - 9 pc(s).	10 - 50
LEDK (Oil Resistant)	320 W (White)	330	4500	1200	40W~	DC24 ±10%	420	10	0~40	6500	60°	800	

For each detail, see the glossary on P.1055. For order and installation, confirm "Notes on Usage" section on P.1056.  
As the LED elements vary on their luminous colors and luminance, they may be slightly different in their colors and brightness, though they are of the same part numbers.

Ordering Example: Part Number - Color  
LEDK320 - W



**LEDG**

**Installing Method**

(Mounting Hole Pitch)

**Cable Detail**

Lead Wire White + Black -

Min. Bending Radius R2.75

For AC Adapter and ON / OFF Switch, see P.1054.  
Dimming not possible. For Dimming Types, see P.1025.

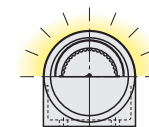
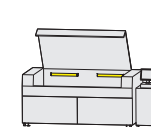
Part Name	Material
Surface Cover	Reinforced Glass
Side Cover	Nylon 66
Cable	PVC

Part Number	Installing Method	P	L	Color	Iluminance (Lux, lx)	Fluorescent lamp illumination comparison (Ref.)	Input Voltage (V)	Input Current (mA)	Power Consumption (W)	Temperature Range (°C)	Color Temperature (Kelvin, K)	Luminous Intensity Angle	Mass (g)	Unit Price	Volume Discount Rate
Type					lx/0.5m	lx/1m								1 - 4 pc(s).	5 - 50
LEDG	A	435	445	(White)	870	221	DC24 ±10%	420	10	0~40	6500	120°	2000	10 - 50	
		535	545		2200										
		720	730		3500										
		1555	418		40W~	840							20		
	B	335 (or Less)	415	870	221	20W~	420	10	2400						
		435 (or Less)	515	870	221	20W~	420	10	2700						
		620 (or Less)	700	1555	418	40W~	840	20	4000						

For each detail, see the glossary on P.1055. For details of the wavelengths of the luminous colors, refer to P.1056.  
For order and installation, confirm "Notes on Usage" section on P.1056.  
As the LED elements vary on their luminous colors and luminance, they may be slightly different in their colors and brightness, though they are of the same part numbers.

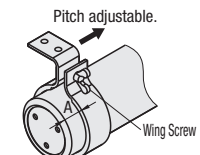
Ordering Example: Part Number - Installing Method - P  
LEDG - A - 720

Example: Example of Application with Machine Tool



For installing method A, the emission side is the opposite of the installation side.  
When using installing method B, the main body can be rotated and fixed at the position desired, by loosening the wing screws for mounting brackets.

■ Pitch adjustment for Installation B



Pitch adjustable.  
Loosening wing screws releases the mounting brackets from clamped state so the mounting pitch can be adjusted. Give at least 20mm clearance for A. When the mounting brackets is fixed within 20mm from the end, the load is applied to the glass tube ends and may cause breakage.

■ Illuminance Data (Ref.) ..... ■ Light Emission Spectrum .....

