LED Line Light Dust & Water Proof | IP67 |

LED Line Light Dimming Type | IP65* |

LEDSP
(Milky White Cover)

LEDSTP
(Transparent Cover)

Lead Wire
White +
Black -

RoHS 10

Cable Detail

Side View of the Mounting Interface

P (Mounting Pitch)
L (Overall Length)
3000±50
Min. Bending Radius R24

Part Name	M Material	S Surface Treatment
Main Body	Aluminum	Anodized
Surface Cover	Polycarbonate	Milky White Cover: Mist Surface Treatment / Transparent Cover: Not Treated
Screw on Both Ends	SUS304	-
Cable	PVC	-
Gasket	Silicon (Gray)	-

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

Part Number		Color	L	Illuminance (Lux, lx) Values in ( ) show the ones with Transparent Cover.		Fluorescent lamp illumination comparison (Reference)	Input Voltage (V)	Input Current (mA)	Power Consumption (W)	Temperature Range (°C)	Color Temperature (Kelvin, K)	Luminous Intensity Angle	Mass (g)	LEDSP			LEDSTP		
														Unit Price	Volume Discount Rate		Unit Price	Volume Discount Rate	
Type	P			lx/0.5m	lx/1m									1 ~ 4 pc(s).	5~9	10~50	1 ~ 4 pc(s).	5~9	10~50
LEDSP (Milky White Cover) LEDSTP (Transparent Cover)	190	W (White)	200	490 (620)	120 (150)	10W~	DC24 ±10%	225	5.4	-10 ↓ 45	5000	Approx. 110°	310						
	350		360	750 (900)	210 (250)	20W~		450	10.8				460						
	665		675	1180 (1410)	360 (430)	40W~		900	21.6				820						
	980		990	1330 (1590)	400 (480)			1350	32.4				1180						

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
LEDSP350	-	W
LEDSTP665	-	W

Example   LEDSP

•As the product has a degree of protection rating of IP67, it can be used for machine tools that scatter particles and water such as cutters or grinders.
This is not an oil resistant type.

About degree of protection IP indications
IP is a rating for electric equipment to indicate the degree of protection against foreign objects and water. It is a standard based on JIS C 0920:2003 or IEC 60529.

Degree of Protection	Solid Foreign Objects	Water Intrusion	Target Type
IP54	No hindrance to normal operation even if there is ingress of foreign particles.	Water splashing against the enclosure from any direction shall have no harmful effect.	• LEDD P.1037 • LEDH P.1034
IP65	Dusts do not intrude.	Water projected by a nozzle against enclosure from any direction shall have no harmful effects.	• LEDS P.1029 • LEDAF P.1033
IP67	Dusts do not intrude.	Submerged in water at specified pressure and duration shall have no ill-effects.	• LEDSP P.1031 • LEDM P.1043

All IP tests were conducted by standard methods for standard times. The values are not guaranteed for long time periods.

Illuminance Data (Reference) * Only for installation height 1.0 m

LEDSP190-W   LEDSP350-W
LEDSTP190-W   LEDSTP350-W
LEDSP665-W   LEDSP980-W
LEDSTP665-W   LEDSTP980-W

Light Emission Spectrum

LEDSC

RoHS 10

White +
Black C
Shield -

Lead Wire
White +
Black -

3000±50

Detailed Dimensions of Light Controller (Accessory)

P (Mounting Pitch)
L (Overall Length)
3000±50

Side View of the Mounting Interface

Cable Details

Min. Bending Radius R24

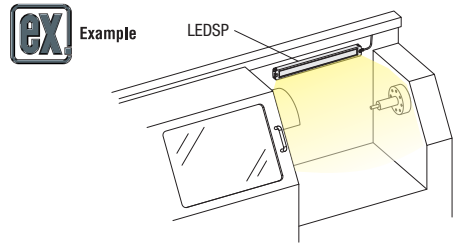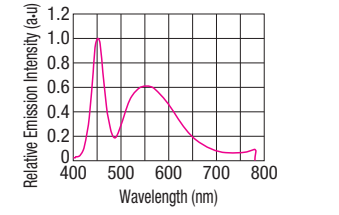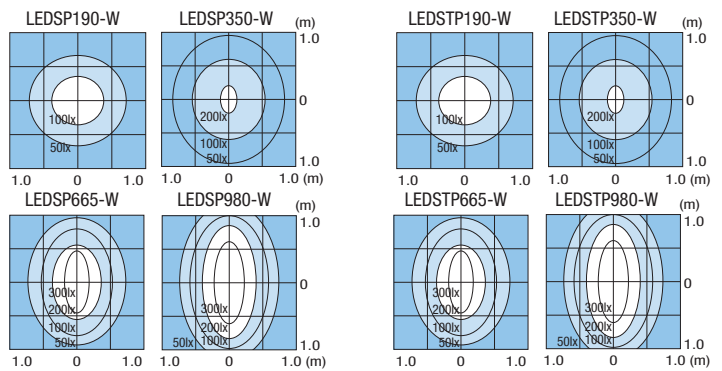| Part Name	M Material	S Surface Treatment
Main Body	Aluminum	Anodized
Surface Cover	Polycarbonate	Mist Surface Treatment
Screw on Both Ends	SUS304	-
Cable	PVC	-
Light Controller	ABS Resin	-
Gasket	Silicon (White)	-

For AC Adapter, ON / OFF Switch and Angle Adjusting Bracket, see P.1054.
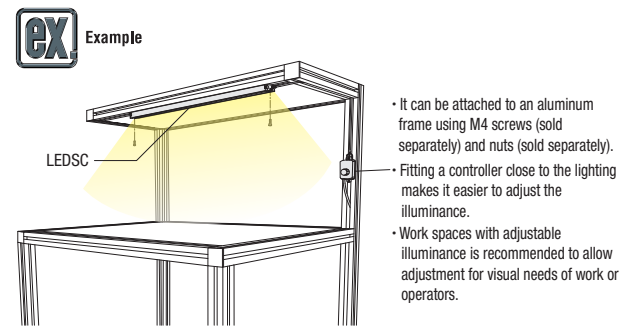Light Control Unit is not sold separately.

Part Number		Color	L	Illuminance (Lux, lx)		Fluorescent Light Illuminance Comparison (Reference)	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
														1 ~ 4 pc(s).	5~50
Type	P			lx/0.5m	lx/1m										
LEDSC	190	W (White)	200	490	120	10W~	DC24 ±10%	225	5.4	-10 ↓ 45	5000	Approx. 110°	310		
	350		360	750	210	20W~		450	10.8				460		
	665		675	1180	360	40W~		900	21.6				820		
	980		990	1330	400			1350	32.4				1180		

* Only the main body has an IP65 rating. The dimmer controller is not rated IP65.
As it is a Dimming Type, the data shown is the maximum value.
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.
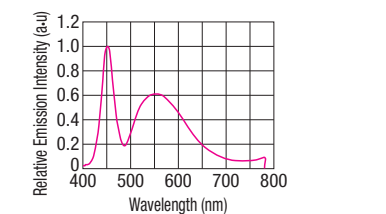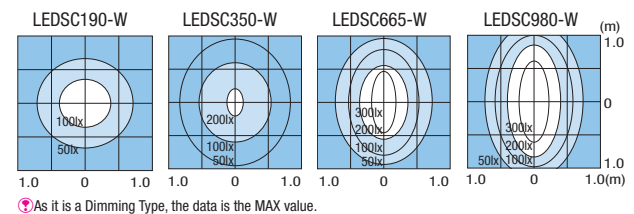
Ordering Example

Part Number	-	Color
LEDSC190	-	W

Example

LEDSC

• It can be attached to an aluminum frame using M4 screws (sold separately) and nuts (sold separately).
• Fitting a controller close to the lighting makes it easier to adjust the illuminance.
• Work spaces with adjustable illuminance is recommended to allow adjustment for visual needs of work or operators.

Example of Wiring for Light Controller (Accessory)
Insert the leads and tighten the screws with a Phillips screwdriver.

When screw tightening the leads, be sure to disconnect the power or turn the power OFF.

About power ON/OFF function
When the knob is turned all the way to the left, a click will be heard and the power will be OFF.

Dimming is controlled by applied voltage. When dimming at a low voltage, the LED elements will have unstable emission.

Illuminance Data (Reference) * Only for installation height 1.0 m

LEDSC190-W   LEDSC350-W   LEDSC665-W   LEDSC980-W

As it is a Dimming Type, the data is the MAX value.

Light Emission Spectrum