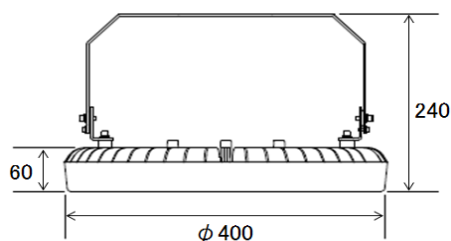


SPECIFICATIONS

2025.03.18

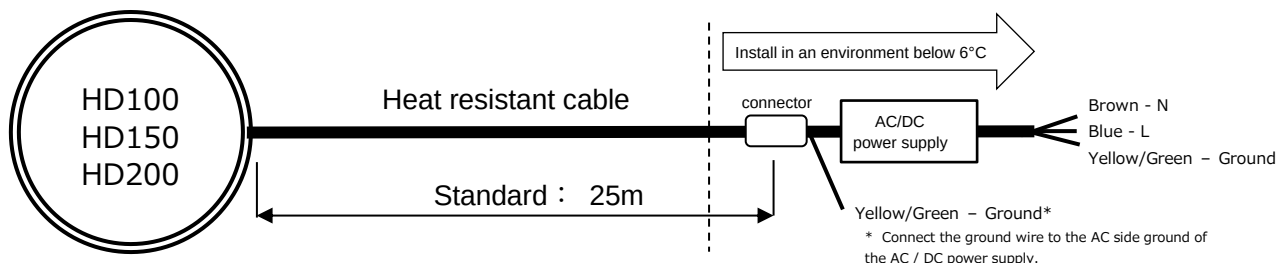
High Temperature LED Lighting --- HD150 series						
Model	HD150	HD150-HT60 for 60°C	HD150-HT80 for 80°C	HD150-HT100 for 100°C	HD150-HT135 for 135°C	HD150-HT160 for 160°C
Input Voltage	AC100-240V 50/60Hz (with Meanwell AC/DC power supply)					
Power	150W	135W	110W	80W	45W	40W
Lumens	18000lm	16200lm	13500lm	9900lm	5400lm	4800lm
LED	Philips Lumileds					
Color temp.	3000K / 5000K					
Beam angle	120°					
Lifetime	60,000 hours					
Size	φ 400 × 240mm					
Weight	6.4kg					
Materials	Aluminum, Tempered glass					
Working temp.	-40°C~ +50°C	-40°C~ +60°C	-40°C~ +80°C	-40°C~ +100°C	-40°C~ +135°C	-40°C~ +160°C
Humidity	15~90% RH					
IP Code	IP65					

*AC/DC power supply should be installed in an environment not exceeding 60°C



■ Product configuration and installation in high temperature environment

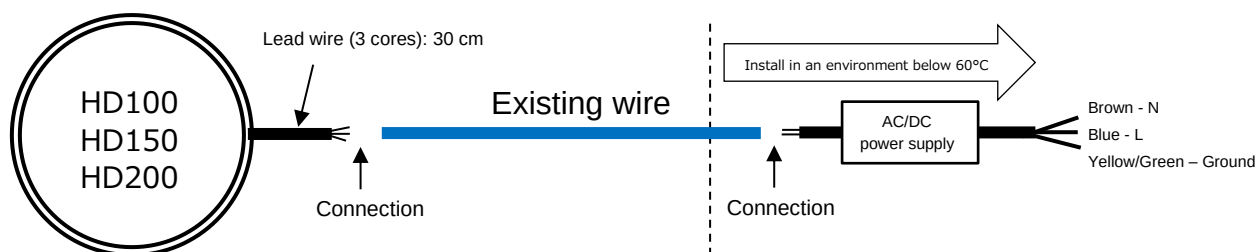
HD100 / 150 / 200 series come with an external AC/DC power supply separately from the LED itself. The external AC/DC power supply must be installed in a normal temperature environment apart from the LED itself.



When using existing wire (heat resistant cable 25m is not included)

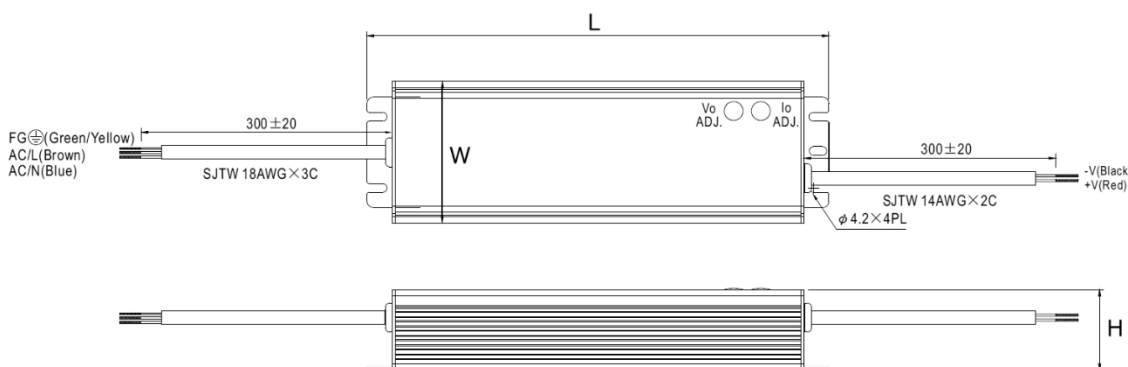
Connect the LED body and AC/DC power supply to the existing wires.

The lead wire of the LED body is 3 cores (DC+, DC-, ground). Be sure to connect the ground wire together with the AC side ground of the AC/DC power supply.



*Depending on the length of the existing wire, the illuminance may drop by about 10% due to the voltage drop.

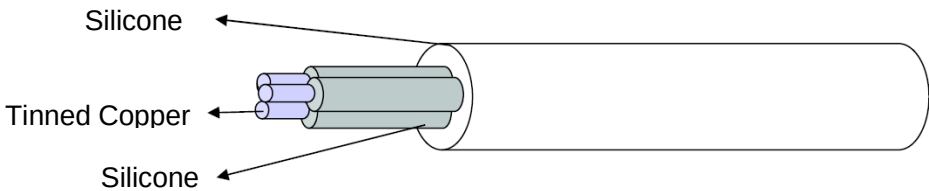
■ AC/DC power supply



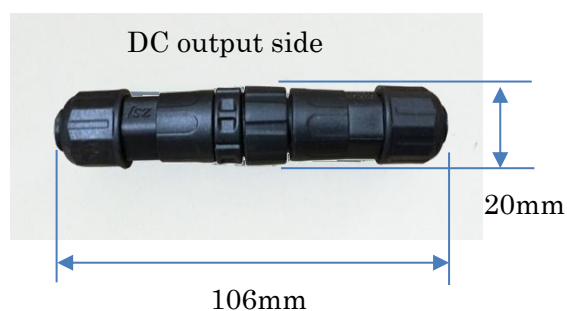
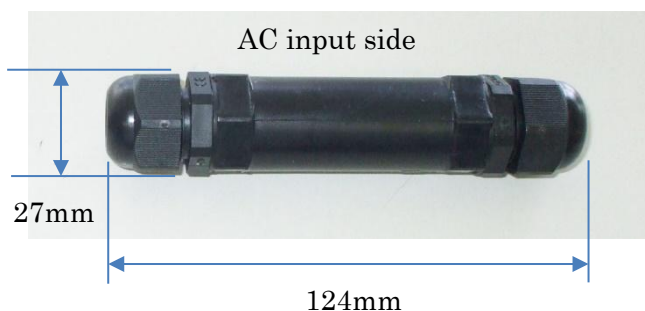
Model	Dimensions(L*W*H)	Model	Dimensions(L*W*H)
HD150	228×68×38.8mm	HD150-HT100	220×68×38.8mm
HD150-HT60	228×68×38.8mm	HD150-HT135	171×61.5×36.8mm
HD150-HT80	220×68×38.8mm	HD150-HT160	171×61.5×36.8mm

■ Heat resistant cable

Construction	VDE H05SS-F 3x1.0mm ² (3 cores SQ1.0mm ²)		
Temperature rating	+180°C	Outer diameter	7.00±0.40mm



■ Connector



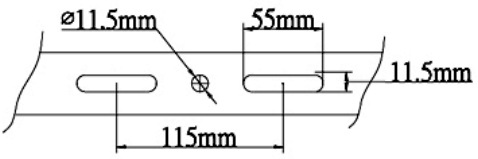
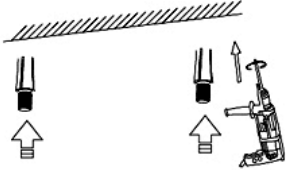
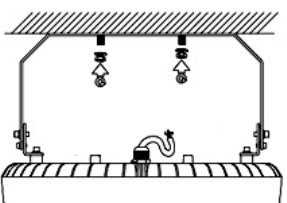
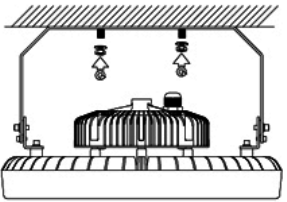
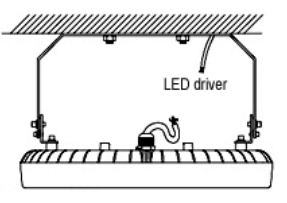
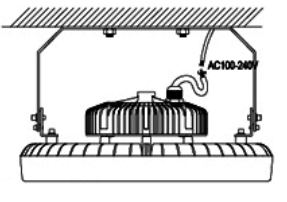
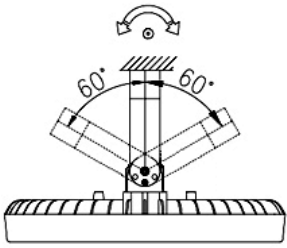
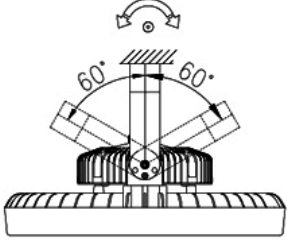
■ Anti-fall wire (optional)



Be sure to attach the anti-fall wire (stainless steel of $\phi 1.5\text{mm}$ or more) to the two mounting hooks on the back of the luminaire.

*Anti-fall wire is available as an option.

■ Installation guide

Hole dimension for mounting 	1  Drilling holes in the ceiling, and install the expansion screws.	
2  Fix the bracket.  Fix the bracket.	3  LED driver Connect the cable to the driver.  AC100-240V Connect the cables. Brown-L, Blue-N, Yellow/green-Ground.	4  Adjust the bracket to the beam angle you need.  Adjust the bracket to the beam angle you need.