SPECIFICATIONS   2022.02.08
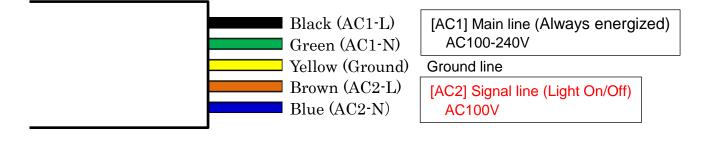
STAINLESS STEEL HOUSING LED LIGHT
for *-100°C LOW TEMPERATURE*

Model	OG-LED220-GSF
Applications	Low temperature environment up to -100°C
Input Voltage	Main line: AC100-240V (50/60Hz) / Signal line: AC100V (50/60Hz) *Built-in Meanwell LED driver
Power	Light On (Signal line: Off) --- 40W Light Off (Signal line: On) --- 4W
Lumens	4800lm
Color temp.	5000K
Beam angle	150 degrees
Lifetime	50,000 hrs
Size	L:1300mm x W:140mm x D:90mm
Weight	5.0kg
Materials	Housing: SUS304 / Cover: Tempred glass
Working temp.	-100°C ~ +40°C
IP code	IP65
Warranty	1 year
Features	● When using in an environment of -40°C or lower, energize the signal line with AC100V. By passing a small amount of current even when the light is off, it prevents electronic components from falling below -40°C and enables use at -100°C. ● Since it is energized even when it is off, the LED will also light up slightly.

WIRING METHOD

There are five wires coming out of the luminaire. Wire as follows.

Black (AC1-L)
Green (AC1-N)
Yellow (Ground)
Brown (AC2-L)
Blue (AC2-N)

[AC1] Main line (Always energized)
　AC100-240V

Ground line

[AC2] Signal line (Light On/Off)
　AC100V

Environmental temperature	Wiring method
Used in an environment of -40°C or higher	No need to connect signal lines.
Used in an environment of -40°C to -100°C	Connect AC100V to the signal line. 　Main line: Always energized. (Always Power ON) 　Signal line: Power Off ---> Lights at 100% brightness (40W) 　　　　　　　　Power On --->Lights at 3%-5% brightness(4W)

DIMENSIONS

110mm
10mm
90mm
72mm
40mm
140mm
1370mm
6.8mm
R6mm
40mm
28mm
10mm
15mm