

**Installation Guide**

# 080Z2169

## Indoor Light level sensor

**Identification**

The 080Z2169 is an indoor light level sensor used to measure indoor ambient lighting from skylights to control sales floor lighting through conditions established in the control configuration.

The 080Z2169 is used in newer applications and is compatible with all Danfoss AK 255 controllers.

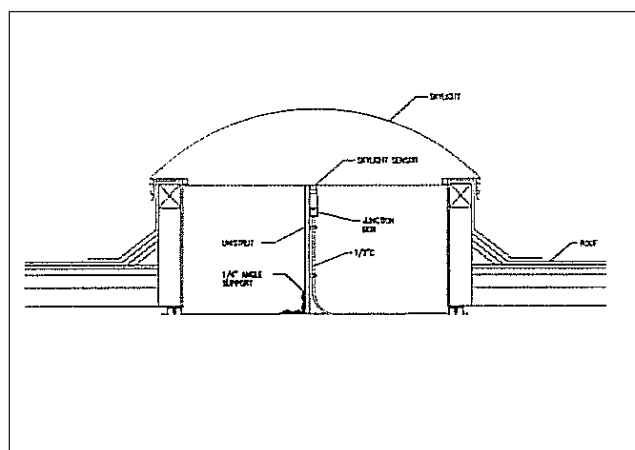


**Specifications**

Size:	1.28" X 2.25"	
Power requirement:	12 VDC supplied by the I/O board	
Operating environment:	Sensor Range:	100-5000 FC 1076-53820 Lux
	Ambient temperature:	-40°F to 140°F -40°C to 60°C
Output:	4-20 mA	

**Installation and Inspection**

The 080Z2169 should be mounted in a standard threaded 1/2" conduit or 1/2" knockout. The assembly should be located near the center of the skylight well so that it is exposed to full daylight and is not shadowed. Sensor must be mounted vertically with the dome portion facing up. A 250 ohm resistor is included with the product and must be installed as shown on the installation diagram.



**Ordering**

Description	Part #:
New PHOTO-MAS Kit w/resistor	080Z2169

Danfoss Inc.  
ELECTRONIC DIVISION  
Baltimore, MD



The Product contains electrical components  
And may not be disposed together with domestic waste.  
Equipment must be separate collected with Electrical and Elec-  
tronic waste. According to Local and currently valid legislation.