

# Portal Light IR



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## Physical

Height	2 in (50.8mm)
Width	0.74 in (18.82mm)
Depth	1.22 in (30.95 mm)
PCB dimensions	0.4 x 0.4 in (12 x 12 mm)
Weight	0.9 oz (26 grams) with standard cabling
Casing	IP 65; UL 94 VO
FI socket compatibility	Signify Luminaire-based brackets SA0200/05 and SA0200/15 for 60x22mm FI Luminaire slot Signify Luminaire-based brackets SA0100/05 for 44x17mm FI Luminaire slot Signify Ceiling-clips SA0600 and SA0500
Product identifier	MAC address, Unique ID
Visual status indicator	Illuminate during power-on
Product identification	MAC address (printed) Unique ID
IP protection	IP 65

## Environmental

Operating temperature	14°F to 149°F (10°C to 65°C)
Storage temperature	-4°F to 185°F (-20°C to 85°C)
Operating humidity	10%-95% RH (non-condensing)
Storage humidity	5%-95% RH (non-condensing)

## Electrical power

Input voltage range	4.75V to 28V DC
Minimum continuous current-supply	5V: 250mA 12V: 54mA 24V: 50mA
Protection	Reverse Polarity
Power connection	Power Configuration: Hardwired Wire Exposure: Single external exposed wire; two internal lines Wire Color Coding: Red for positive, Black for negative Wire Type: AWG 20 (0.75mm <sup>2</sup> ) Wire Length: > 3.9 in. (10 cm) Voltage Rating: 300V Temperature Rating: 176°F (80°C)

## Wi-Fi radio

Wireless networking	IEEE 802.11 a/b/g/n
Frequency range	2.4GHz and 5GHz
Security	WEP, WPA™/ WPA2™ PSK, WPA2 Enterprise, WPA3™ Personal
Wireless authentication	EAP-TTLS (MSCHAPv2), PEAP v0 (MSCHAPv2)
Network communication	Hypertext Transfer Protocol Secure (HTTPS)/TLS 1.2
IP addressing	Dynamic Host Configuration Protocol (DHCP)
Data packet size	Typically less than 6 kilobytes (kB) per second

## Technical Specifications

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### Bluetooth Low Energy (LE) Radio

Wireless standard  
Range  
Output power  
Frequency range  
Work mode

Bluetooth LE 5.0 and 5.3 compatible  
Up to 98 feet (30 meters)  
8 dBm  
2.402GHz -2.480GHz  
Central and Peripheral

### IR (Infrared) Transmitter

Emitters  
Minimum install height  
Maximum install height

4x 940 nm IR LED blasters  
7.8 ft. (2.4 m)  
16.4 ft (5 m)

### Certification

CE, UKCA, FCC, IC (ISED), WEEE,  
Reach & RoHS, cULus, RCM, CB



# Get in Touch

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