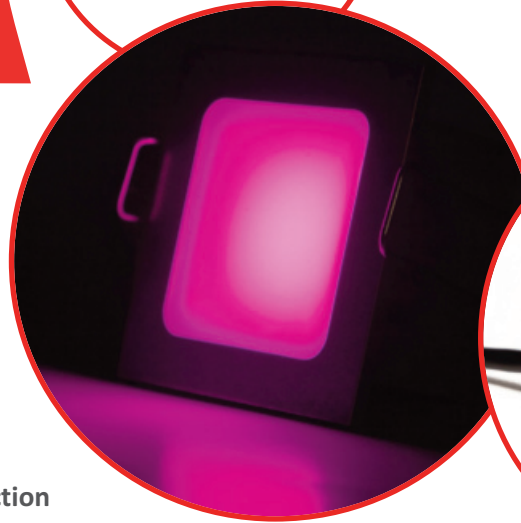# SQ55 (2.2 Watts max)

55mm Square LED Wall Light

- Compact wall / step light
- Spring clip mounting
- High output, low profile
- Choice of anodised colours
- Low voltage, high efficiency
- Long life - 30,000hrs typical
- High reliability, low maintenance
- Robust, corrosion-resistant, construction

Description

55mm x 55mm LED wall/step light, made from an aluminium housing and available in a range of attractive anodised finishes. Fitted with 9 or 16 high brightness LEDs and a 3mm acrylic lens. Terminated with a 1 metre flying lead via a cable gland. Multiple luminaires can be wired together in parallel for ease of installation. Easy wall/panel mounting with spring clips.

Characteristics

Optical

Number of LEDs:
i) Colour Change = 9 x integrated RGB surface mount
ii) Single Colour = 16 x PLCC-2
Illuminated Area = 33.0mm x 33.0mm
Viewing Angle = 60°

White LED Data:

Colour	Lumens	CCT(typ)
Cool White	95	6000K
Mid White	80	4000K
Warm White	70	3000K

Electrical

i) Single Colour (except Pink):
Voltage Range = 23.0-24.5VDC
Current = 84mA (0.084A)
Power = 2.1Watts max.

ii) Colour Change (RGB):
Voltage Range = 11.5-12.5VDC
Current = 180mA (0.18A)
Power = 2.2Watts max.

iii) Pink:
Voltage Range = 11.7-12.7VDC
Current = 32mA (0.032A)
Power = 0.5Watts max.
Above data for P652 PCB

Mechanical

Bezel =□ 55.0mm,
Bezel Thickness = 3.0mm
Body =□ 41.0mm,
Rear Depth = 52.5mm
Lens = 3.0mm opal acrylic
Mounting Cutout =□ 42.0mm
IP Rating = IP54
Product Weight = 0.2kg
Termination = 1 metre, cable
Luminaire Classification = Class III
(In accordance with BS EN 60598 1:2008)

Selection Guide

SQ55-	CA-	PINK-		OP-	12
Product Series	**Housing**	**LED Colour**		**Lens Type**	**Voltage**
SQ = Square LED Luminaire, size 55 x 55mm.	SA = Satin Anodised CA = Clear Anodised	R = Red A = Amber G = Green T = Turquoise B = Blue	CM = Colour Mix (RGB colour change) CW = Cool White MW = Mid White WW = Warm White Pink = Preset Pink	OP = Opal (default) C = Clear	12 = 12VDC (colour change & pink) 24 = 24VDC (single colour)

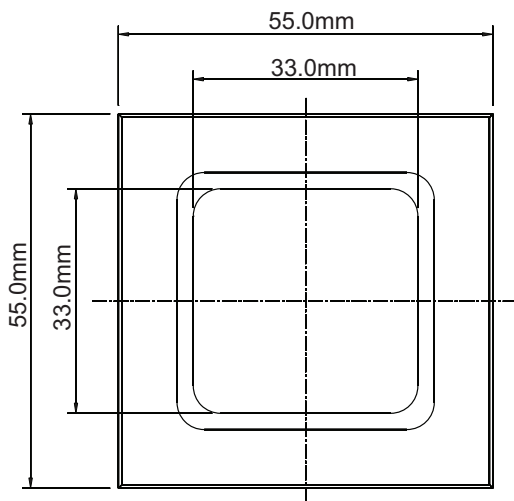**Example SQ55-CA-PINK-OP-12** (SQ55, Clear Anodised, Preset Pink, Opal Lens, 12VDC)

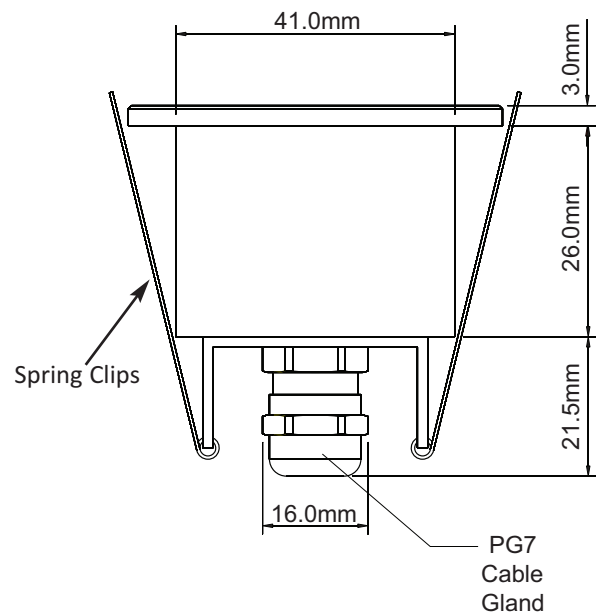# SQ55   (2.2 Watts max)

55mm Square
LED Wall Light
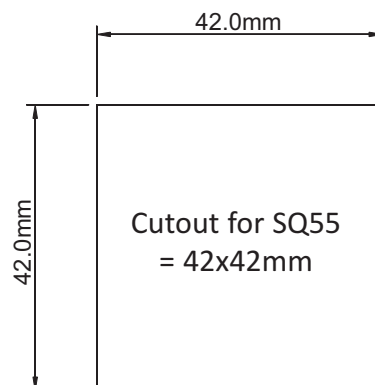
Mechanical Details

Front View

55.0mm
33.0mm
55.0mm
33.0mm

Side View

41.0mm
3.0mm
26.0mm
21.5mm
16.0mm

Spring Clips

PG7 Cable Gland

Bezel□55.0mm, Thickness 3.0mm
Body□41mm, Rear Depth 52.5mm (to rear of cable gland)

Mounting Details

42.0mm
42.0mm

Cutout for SQ55
= 42x42mm

Luminaire fits into a 42 x 42mm cut-out. Fix into
place using acrylic/constructional adhesive.

The appearance and specifications of the product may be modified for improvement without notice.