Ceiling Accessories

Ceiling Switches

6 AMP
SURFACE

WITHOUT
MOUNTING BLOCKS
FLUSH

50A
FLUSH

Mounting Blocks and Cords


K3191WHI


3190RCWHI


K3131WHI


3164WHI


K2051WHI


K2056WHI


K3191D1WHI


3190RCD1WHI


3151WHI


8329SSWHID1T9


8329SSWHIT9


9420SST9

K3191WHI 5
6A SP ONE-WAY
1.5M WHITE CORD WITH WHITE ACORN

K3191D1WHI 5
6A SP ONE-WAY
2M WHITE CORD
AND 1X GRAPHITE BANGLE

K3192WHI 5
6A SP TWO-WAY
1.5M WHITE CORD
AND WHITE ACORN

K3192D1WHI 5
6A SP TWO-WAY
2M WHITE CORD
AND 1X GRAPHITE BANGLE

Supplied with mounting blocks.
Earth terminal is riveted in base of mounting blocks.
BANGLE DIAMETER
50mm
These switches do not have to be derated when used with fluorescent or inductive loads.
FIXING CENTRES
50.8mm
BS EN 60669-1:1999

3190RCWHI 5
6A SP TWO WAY
2M RED CORD WITH RED ACORN PULL TO MAKE OR PULL TO BREAK (MOMENTARY SWITCH ACTION)

3190RCD1WHI 5
6A SP TWO-WAY
3M RED CORD
AND 2X RED BANGLE

Supplied with mounting blocks.
BANGLE DIAMETER
50mm
BS EN 60669-1:1999

K3131WHI 5
6A SP TWO-WAY

3151WHI 5
16A DP ONE-WAY

Mounting blocks are not supplied. Use K2051WHI or K2056WHI.
Suitable for installation in small circular conduit boxes to BS EN 61386-1:2008 See page 354.
Ceiling switch cords are 1.5m minimum length.
These switches do not have to be derated when used with fluorescent or inductive loads.
FIXING CENTRES
50.8mm
BS EN 60669-1:1999

3164WHI 5
50A DP ONE-WAY
WITH NEON
1.5M WHITE

8329SSWHID1T9 5
2M WHITE CORD WITH JOINT UNION AND GRAPHITE BANGLE

MOUNTING BOXES
Surface Moulded
2140WHI, 2180WHI
2031WHI (extra wiring space)
Flush Steel
877ZIC (for full load applications)
Surface Metal
2211ALM, 2213ALM
Fitted with a mechanical 'OFF' indicator. The switch fully complies with the requirements within BS 7671 IET Wiring Regulations with respect to safety isolation for maintenance purposes and provides a full 3mm contact gap when 'OFF'.
DIMENSIONS
86 x 86mm
BANGLE DIAMETER
50mm
FIXING CENTRES
60.3mm
BS EN 60669-1:1999

K2051WHI 10
MOUNTING BLOCK FOR 6A OR 16A SWITCHES

K2056WHI 5
MOUNTING BLOCK WITH NEON FOR 6A OR 16A SWITCHES

8329SSWHIT9 10
1.5M WHITE CEILING SWITCH CORD COMPLETE WITH ACORN AND ONE PIECE JOINT UNION

9420SST9 1
2M RED CEILING SWITCH CORD COMPLETE WITH TWO RED ACORNS AND ONE PIECE JOINT UNION

9420SSD1 10
3M RED CEILING SWITCH CORD COMPLETE WITH 2 X RED BANGLES AND JOINT UNION

K2051WHI and **K2056WHI**
Earth terminal riveted in base.
DIAMETER
76mm not including Neon Lens
FIXING CENTRES
50.8mm
BS EN 60669-1:1999

Ceiling Accessories Technical

Ceiling Switches

Standards and approvals

3164WHI fully complies with the 17th Edition Wiring Regulations (BS 7671:2008 with respect to safety isolation for maintenance purpose. Conforms to BS EN 60669-1:1999

3151WHI, 3190WHI, K3191WHI, K3192WHI, K3131WHI, K2051WHI, K2056WHI, conform to BS EN 60669-1:1999

TECHNICAL SPECIFICATION

ELECTRICAL

VOLTAGE RATING
250V a.c.

MAXIMUM RATING
See range details

Note: Switches do not have to be derated when used with resistive or fluorescent loads

TERMINAL CAPACITY

K3131, 3190, K3191, K3192
4 x 1.0mm²
3 x 1.5mm²

3151
4 x 2.5mm²
2 x 4.0mm²
1 x 6mm²

3164
4 x 4mm²
3 x 6mm²
1 x 10mm²
1 x 16mm²

K2051/K2056, Earth Terminal
6 x 1mm²
4 x 1.5mm²
2 x 2.5mm²
1 x 4mm²
1 x 6mm²

PHYSICAL

AMBIENT OPERATING TEMPERATURE
–5°C to +40°C

IP RATING
IP3X

MAX. INSTALLATION ALTITUDE
2000 metres

Installation

MK ceiling accessories are safe for use in all normal lighting applications. Do not mount them where they may be subjected to excessive moisture or dampness.

Wiring

Products must be installed in accordance with BS 7671:2008.



Description

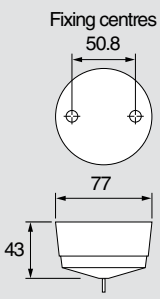
A range of 6 and 16 Amp ceiling switch options plus a 50 Amp DP flush mounted ceiling switch.

Features

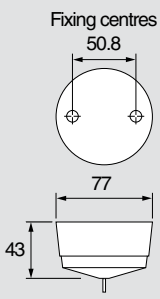
- Mounting blocks have an earth terminal rivetted into their bases
- 3190RCWHI has a retractive (momentary) switch action and can be wired as either pull to make or pull to break
- 3190RCWHI has a red pull cord
- Ceiling switches with standard white cords are 1.5m minimum length, and with standard red cords are 2m minimum length
- K3191, K3192 and K3131 have self locating feature when used with mounting block, to aid installation
- Ceiling switches with white cords **and bangles** are 2m minimum length, and with red cords **and bangles** are 3m minimum length
- 3164WHI is fitted with mechanical OFF indicator
- 3164 has a full 3 mm contact gap
- 3164 may be surface mounted

Dimensions (mm)

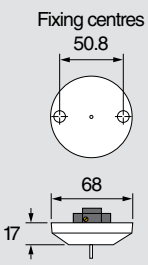
K3191WHI/ K3192WHI



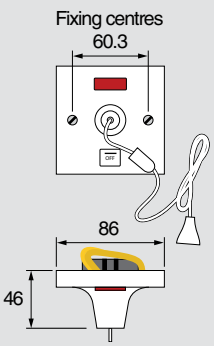
3190RCWHI



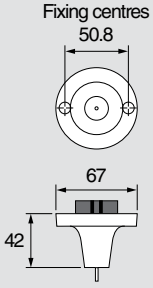
K3131WHI



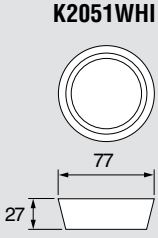
3164WHI



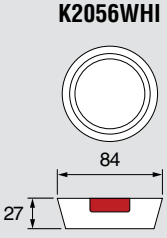
3151WHI



K2051WHI



K2056WHI



For a full range of corresponding products, see pages 53-56 in the product selector.

Ceiling Accessories Technical

Ceiling Roses and Pendants

Standards and approvals

Heat resistant lampholders comply with BS EN 61184:1997 T2

All ShockGuard lampholders comply with BS 7895:1997 and BS EN 61184:1997 T2

Ceiling roses comply with BS 67:1987

Pendant sets are supplied with heat resisting PVC insulated and sheathed flexible 0.75 two core circular cable complying with BS EN 50525 (H05V2V2-F)



Ceiling Rose



Pendant

TECHNICAL SPECIFICATION

ELECTRICAL

LAMPHOLDERS AND BATTEN LAMPHOLDERS

VOLTAGE RATING
250V a.c.

MAXIMUM RATING
150 watts

TERMINAL CAPACITY
Live, neutral & earth
3 x 1.0mm²
2 x 1.5mm²

CEILING ROSES & BASE OF PRE-WIRED BATTEN LAMPHOLDERS

VOLTAGE RATING
250V a.c.

MAXIMUM RATING
6 amps

TERMINAL CAPACITY
Live, neutral & earth
4 x 1.0mm²
3 x 1.5mm²
1 x 2.5mm²

PHYSICAL

AMBIENT OPERATING TEMPERATURE
–5°C to +40°C

IP RATING
IP4X

MAX. INSTALLATION ALTITUDE
2000 metres

Description

The range includes ShockGuard™ SG type lampholders, pendant sets, batten lampholders and ceiling roses.

Features

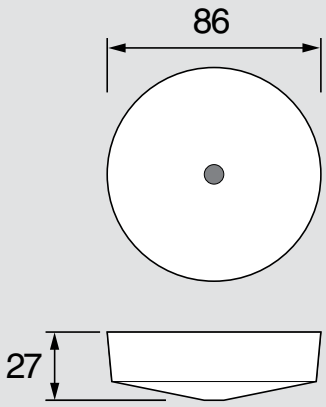
ShockGuard™

- Automatically shields the contacts as soon as the lamp is removed
- The contacts remain shielded until a new lamp is slotted into place
- While there is no lamp in place there is no danger of electrocution

Ceiling roses

- Clear base and pre-cut aperture for ease of installation
- Clear markings
- Terminal layout allows cables to be cut to even length
- Earth terminal point used for easier cable access
- Halo (K1163WHI) available to give professional finish on damaged ceilings (for use with ceiling roses and pendant sets only)

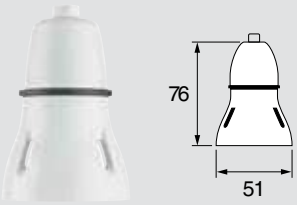
Dimensions (mm)



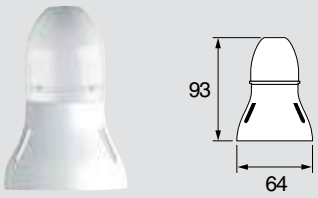
Ceiling Accessories Technical

Lampholders and Shockguard type Lampholders

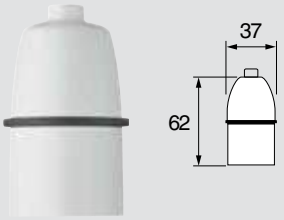
Dimensions (mm)



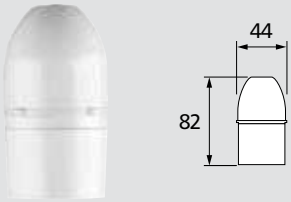
Standard Lampholder with protective skirt



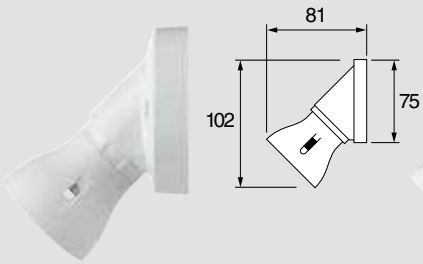
SG Type Lampholder with protective skirt



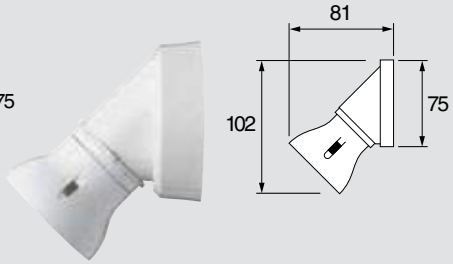
Standard Lampholder



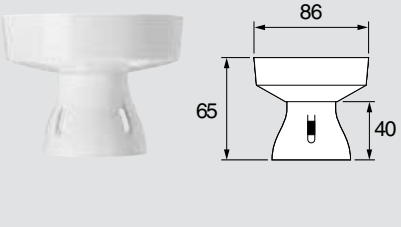
SG Type Lampholder



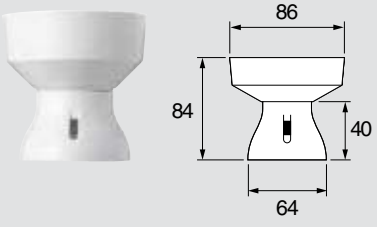
Standard Angled Batten Lampholder



SG Type Angled Batten Lampholder



Standard Batten Lampholder



SG Type Batten Lampholder

Heat Resistance

Two levels of heat resistance are nominated for lampholders but at different maximum working temperatures and the products must be identified by a different marking code.

HEAT RESISTANCE	MAX WORKING TEMP
T2	Lamp cap temp 210°C marked BS 7895 and BS EN 61184 T2

Lamp wattage rating

All MK lampholders comply with category T2 BS EN 61184. It is important to ensure that the wattage rating of the lamp used is not higher than that for which the particular shade or luminaire is designed.

Weight of fittings

Ceiling roses and pendant sets are suitable for fittings of up to 3 kg. Heavier fittings must be installed using independent support, e.g. ceiling hook.

Angled batten lampholders

Can be mounted direct to the wall.

Straight batten lampholders

Can be screwed direct to the ceiling but it must be ensured that it is fastened to a wooden joist. Integral Ceiling Rose included.

Ceiling roses and pendant sets

Flush mounting to circular conduit boxes in accordance with BS EN 61386-1:2008.

Installation

MK ceiling accessories are safe for use in all normal lighting applications. Do not mount them where they may be subjected to excessive moisture or dampness.

Wiring

Products must be installed in accordance with BS 7671:2008.