



CEILING ACCESSORIES

RANGE INTRODUCTION

MK Electric offers a comprehensive range of white ceiling accessories for all requirements. Included in the range are enhanced 'safety' lampholders.

Unlike most other 'safety' lampholders, when the lamp is removed Shockguard Plus automatically shields the contact by means of a specially designed shutter and it remains that way until a lamp is replaced.

Therefore when no lamp is in place contact pins are totally isolated, eliminating danger of electrocution.

FEATURES & BENEFITS

EASE OF INSTALLATION

Pendant sets incorporate a heat resistant lampholder, ceiling rose with a transparent base and clear terminal markings for ease of identification. Terminals are grouped in line with neutral, loop-in and earth terminals.

SAFETY

Shockguard Plus has a specially designed shutter that automatically shields the lamp contacts, therefore eliminating the danger of electrocution.

RELIABILITY

All products are 100% tested before delivery for confidence, so a 'fit and forget' installation can be achieved. Fully compliant with the relevant British Standards BS 7895 for bayonet lampholders with enhanced safety and BS EN 61184.

DURABILITY

Manufactured from the highest quality materials to give a high gloss finish, which is both scratch and colour fade resistant.

Ceiling Accessories

mkelectric.co.uk



Ceiling Switches

6 AMP
SURFACE

WITHOUT
MOUNTING BLOCKS
FLUSH

50A
FLUSH

Mounting Blocks and Cords



K3191WHI
6A SP ONE-WAY
1.5M WHITE CORD WITH
WHITE ACORN
K3191D1WHI
6A SP ONE-WAY
2M WHITE CORD
AND 1X GRAPHITE BANGLE
K3192WHI
6A SP TWO-WAY
1.5M WHITE CORD
AND WHITE ACORN
K3192D1WHI
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
6A SP TWO WAY
2M RED CORD WITH RED ACORN
PULL TO MAKE OR PULL TO
BREAK (MOMENTARY SWITCH
ACTION)
3190RCD1WHI
6A SP TWO-WAY
3M RED CORD
AND 2X RED BANGLE
Supplied with mounting blocks.
BANGLE DIAMETER
50mm
BS EN 60669-1:1999

K3131WHI
6A SP TWO-WAY
3151WHI
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
50A DP ONE-WAY
WITH NEON
1.5M WHITE
8329SSWHID1T9
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
MOUNTING BLOCK
FOR 6A OR 16A
SWITCHES
K2056WHI
MOUNTING BLOCK
WITH NEON
FOR 6A OR 16A
SWITCHES
8329SSWHIT9
1.5M WHITE CEILING
SWITCH CORD COMPLETE
WITH ACORN AND ONE PIECE
JOINT UNION
9420SST9
2M RED CEILING SWITCH
CORD COMPLETE WITH TWO
RED ACORNS AND ONE PIECE
JOINT UNION
9420SSD1
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.



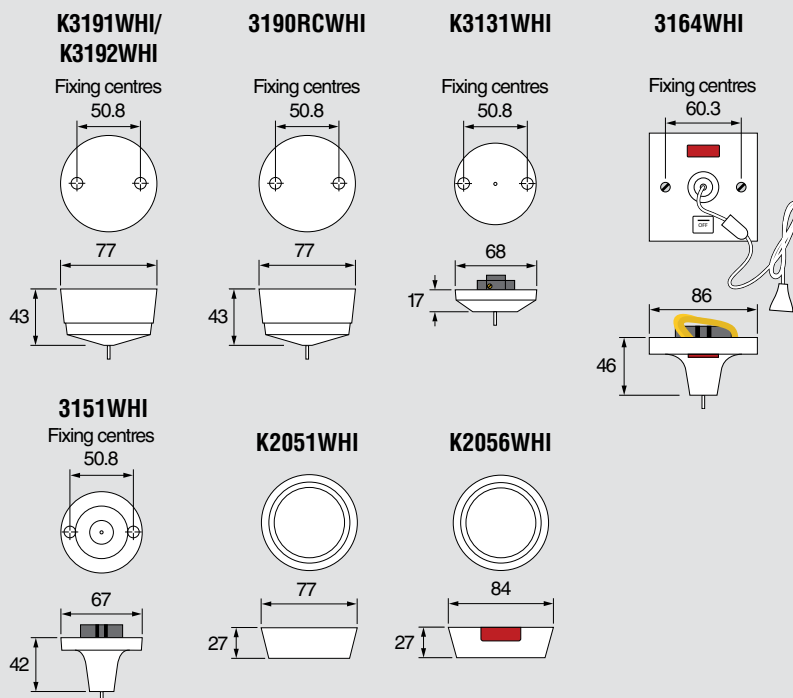
Description

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)



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)

TECHNICAL SPECIFICATION

ELECTRICAL

LAMP HOLDERS AND BATTEN LAMP HOLDERS

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 LAMP HOLDERS

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



Ceiling Rose



Pendant

Description

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

Features

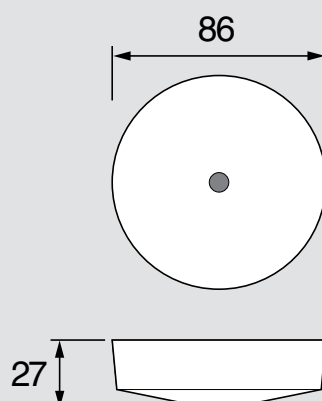
ShockGuard™

- 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)

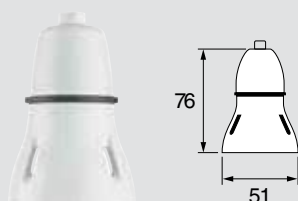
Dimensions (mm)



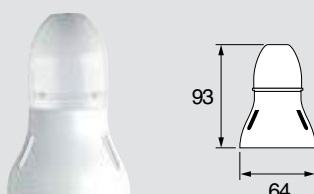
Ceiling Accessories Technical

Lampholders and Shockguard type Lampholders

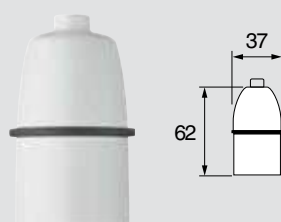
Dimensions (mm)



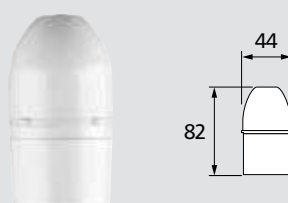
**Standard Lampholder
 with protective skirt**



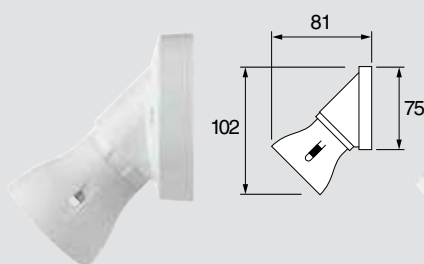
**SG Type Lampholder
 with protective skirt**



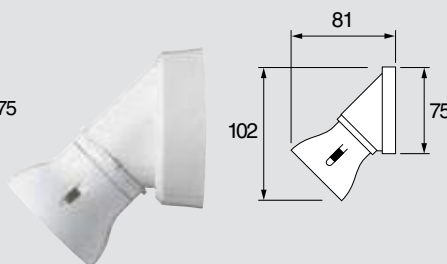
Standard Lampholder



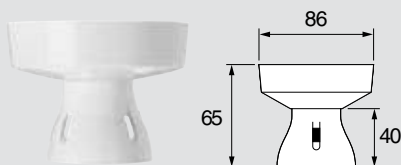
SG Type Lampholder



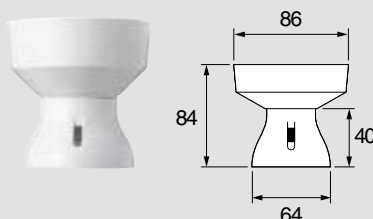
Standard Angled Batten Lampholder



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.