

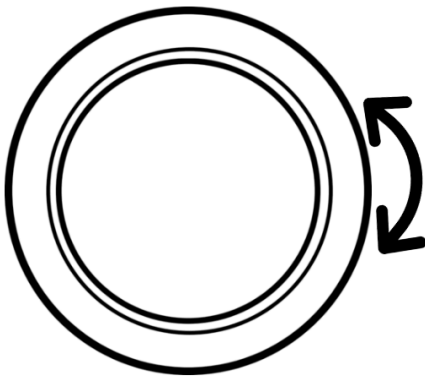
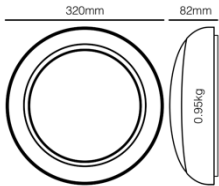


32016BW 16W LED BULKHEAD
EM32016BW 16W LED EMERGENCY BULKHEAD
INSTALLATION/MAINTENANCE INSTRUCTIONS

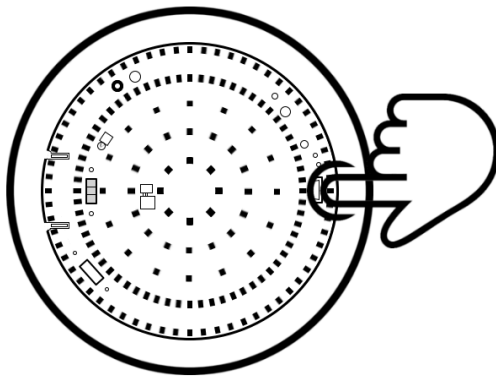
IMPORTANT INFORMATION
 This product should be installed in accordance with the latest edition of the IET Wiring Regulations. For further guidance, please consult a qualified electrician.
 Safely isolate electricity and remove batteries (if applicable) before installation or carrying out maintenance on this product.
 Work safely in accordance with relevant guidelines and procedures.

PLEASE LEAVE A COPY FOR END USER/MAINTENANCE ENGINEER FOR FUTURE REFERENCE

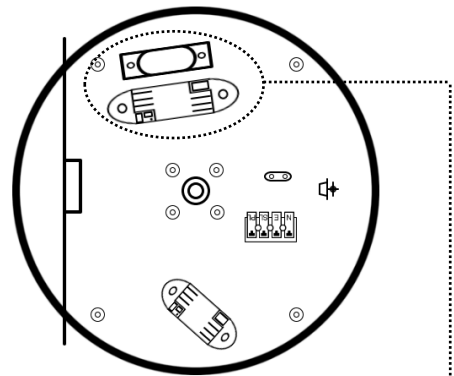
Wattage	16 Watts
CCT – Lumen Output	WW Warm White 3000K – 1600lm CW Cool White 4000K – 1700lm DW Daylight White 6500K -1600lm EMERGENCY OUTPUT - 80lm (Optional)
Materials	Polycarbonate body and diffuser
Beam Angle	115°
CRI	>80
LED Lifespan	30000 hours
Operating Temp	0°C to 40°C
Energy Rating Class	<E>
Changeable Bezel	Yes
Maintained Emergency	3hr/180mins (Optional)



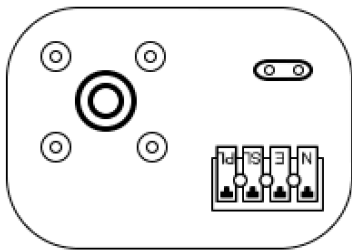
Holding the base, rotate the cover to remove



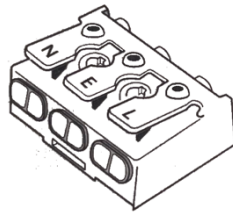
Pull the lever that keeps the LED tray in place



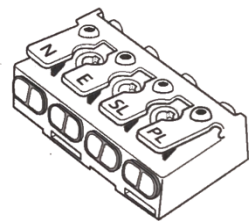
Select appropriate fixing holes and using suitable fixings.



Thread cables through gasket and clamp into place. After cables have been connected, reverse the previous steps.



32016BW
 LIVE – RED/BROWN - L
 NEUTRAL – BLACK/BLUE - N
 EARTH – GREEN&YELLOW - E

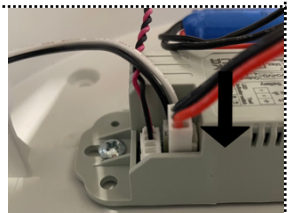


EM32016BW
 PERMANENT LIVE – RED/BROWN – PL
 SWITCH LIVE – RED/BROWN - SL
 NEUTRAL – BLACK/BLUE - N
 EARTH – GREEN&YELLOW - E

CHANGING THE LED COLOUR TEMPERATURE
 On the LED tray, there is a small, black switch.
 Switch between 3 settings:
 3000K – WARM WHITE – 1600 lumens
 4000K – COOL WHITE – 1700 lumens
 6500K – DAYLIGHT WHITE – 1600 lumens
SWITCH ONLY WHEN POWER IS OFF



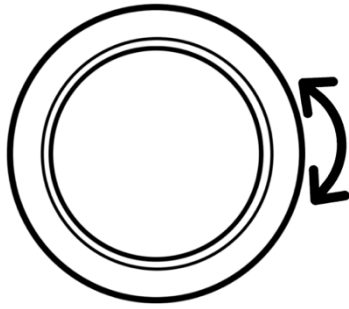
EMERGENCY BATTERY BACK UP VERSION
THE BATTERY IS SHIPPED DISCONNECTED
 The lead from the battery needs to be plugged into the three pins on the Emergency Converter (next to the battery) before use. Push until plug 'clicks' into place.
Please test accordingly.



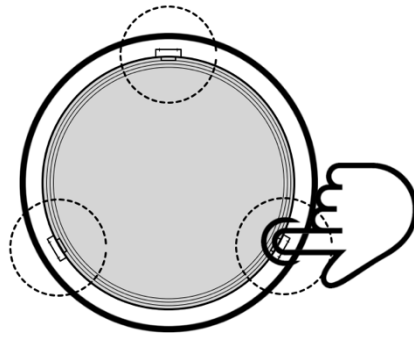


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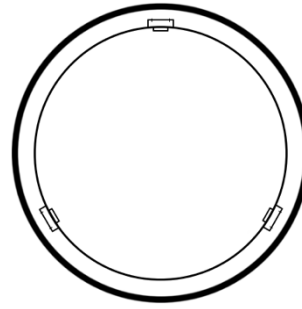
CHANGING THE BEZEL



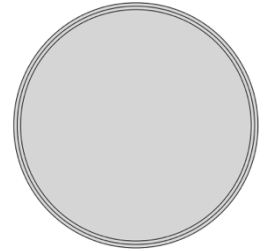
Turn off power. Remove cover by twisting from base



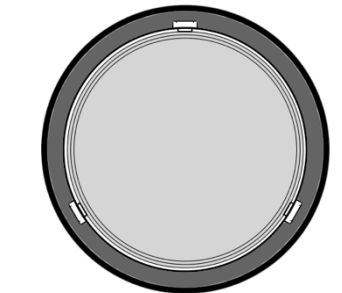
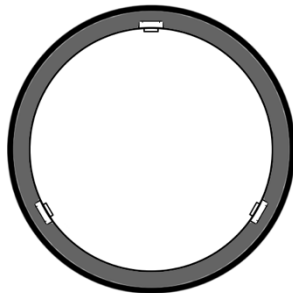
Pull the clips on the bezel to remove the diffuser



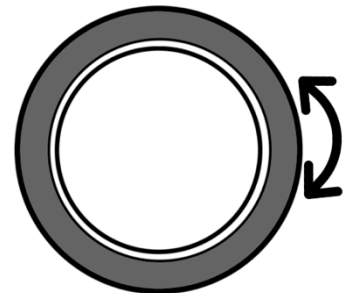
Separate the diffuser from the bezel



Transfer diffuser to new bezel



Push diffuser into new bezel and clip into place



Twist complete cover onto light fixture. Turn on power

TROUBLESHOOTING

ERROR	POSSIBLE CAUSE	SOLUTION
Light will not turn on	No power	Turn on power
	Poor/Incorrect connections	Check connections
	LED has expired lifespan	Replace LED tray
Light is always on	Incorrect connections	Check connections
Battery backup will not function	Battery flat (from new)	Allow time to charge
	Battery lead not plugged in	Plug battery into converter
Bulkhead is loose	Insufficient fixings	Improve fixings
Bezel is loose/crooked	Not threaded on properly	Remove and twist cover on