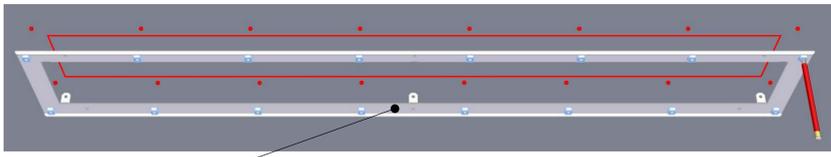
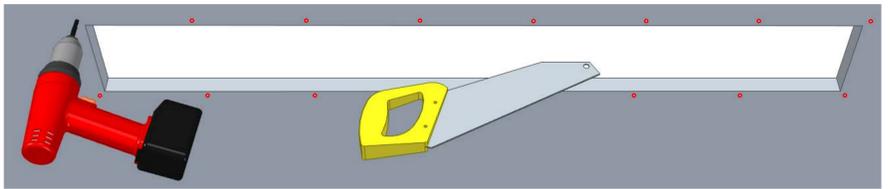
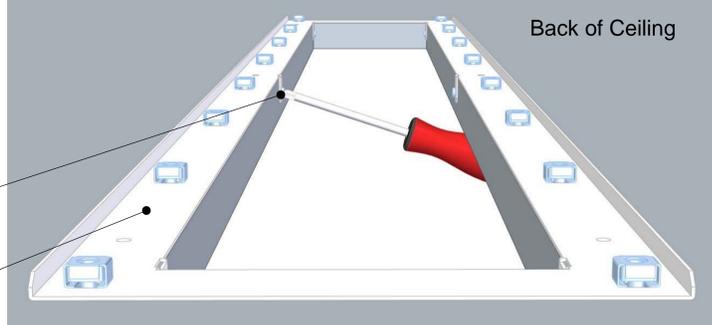


# Installation Instruction

1  Step 1 - Hold the Ceiling Bracket up to the ceiling using screws to secure in place, in the required mounting position and mark out the inner aperture (1191mm x 140mm +3/-0) and 16 bezel holding holes through the nutserts. This installation is considered a two man operation.

Ceiling Bracket

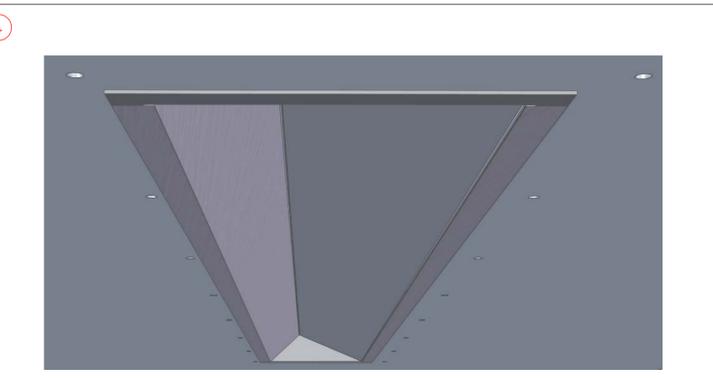
2  Step 2 - Drill the 16 marked holes with a 10mm drill bit. Ensure that the holes are drilled vertically as they need to align with the ceiling bracket nutserts.

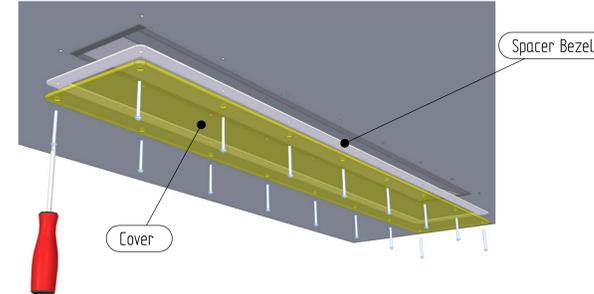
3  Step 3 - Lift and tilt the ceiling bracket into the ceiling void and place nutserts up as shown. Bend down the holding tabs on the edges of the aperture, align holes drilled in step 2 with ceiling bracket cagenuts. (Diffuser screws can be used to aid alignment but will have to be removed before cover installation) Then screw the ceiling bracket to the ceiling aperture edge using the 6x sidescrews supplied to secure the ceiling bracket in place. Ensure screw heads are as flush as possible

Back of Ceiling

Side Screw

Ceiling Bracket



5  Step 5 - Remove film from both sides of the cover. Stack up the Spacer Bezel and Cover as shown. Make sure the counterbores for the screws are facing down. Then lift them up to the product and screw the 16 anti-tamper screws in, through the ceiling into the ceiling bracket. Engage the screws first by hand ensuring the caged nuts are not dislodged. Ensure sufficiently tightened (Torque to 2Nm) and the bezel and cover pulled up flush all the way round. (Security Allen key or Bit required, sold separately HAL-KEY3 or a 3mm security hex key).

Spacer Bezel

Cover

Step 4 - Install Helm Asymmetric as per its own installation instruction making sure the light distribution is in the correct orientation. (Cover kit will only work with 40mm Maximum Ceiling Thickness)

## SPECIFICATION

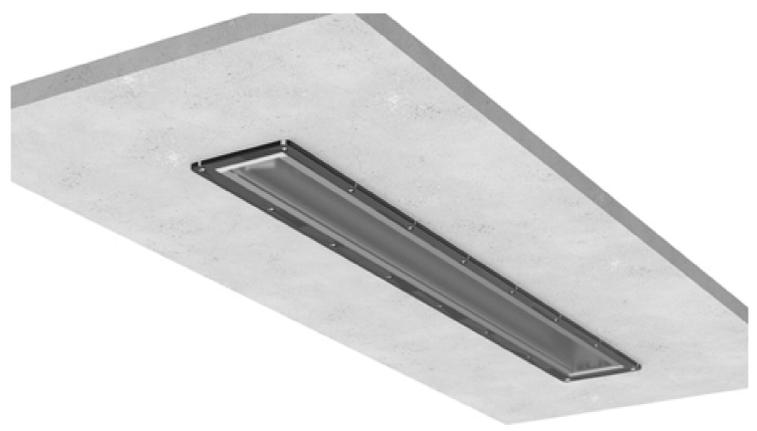
Finish	RAL 9003
Materials	Polycarbonate / Steel
Weight	3.5Kg.
Ingress protection	IP40
Impact Rating	IK10
Void Depth	165mm Min. from front face of ceiling.

## TECHNICAL SUPPORT

Telephone: 0161 331 5700  
 Email: [technical@whitecroftlight.com](mailto:technical@whitecroftlight.com)  
<http://whitecroftlighting.com/>



# Helm Asymmetric MSU Anti-Ligature Cover Kit



## Installation Instruction

PK/MSUHELM-IL

Sept 2022 - Rev 3



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