

The iCO Nozzle

Technical Datasheet

Specification

K Factor: 1.92

Temperature rating: 57°C

Manufacturer: HiPro Industries.

Part Number: PU002-00

Max Pressure: 1020 psi (70 bar)

Response Type: Fast (Residential)

Occupancy Type: Domestic

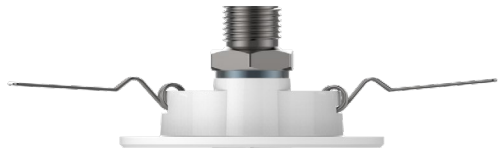
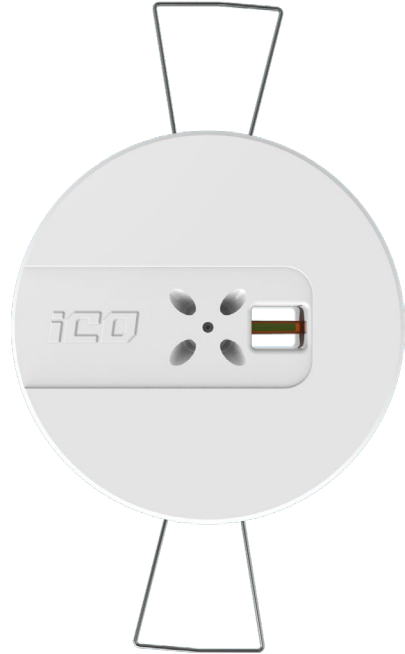
Connection Size: 3/8" BSP

Min Spacing: 2m (6.5ft)

Max Spacing: 4m x 4m (13.2 x 13.2ft)

Colour: Standard colour white, other colours available on request.

NOTICE: The product details indicated are for general reference only and may vary based on the specific product approval and/or application.



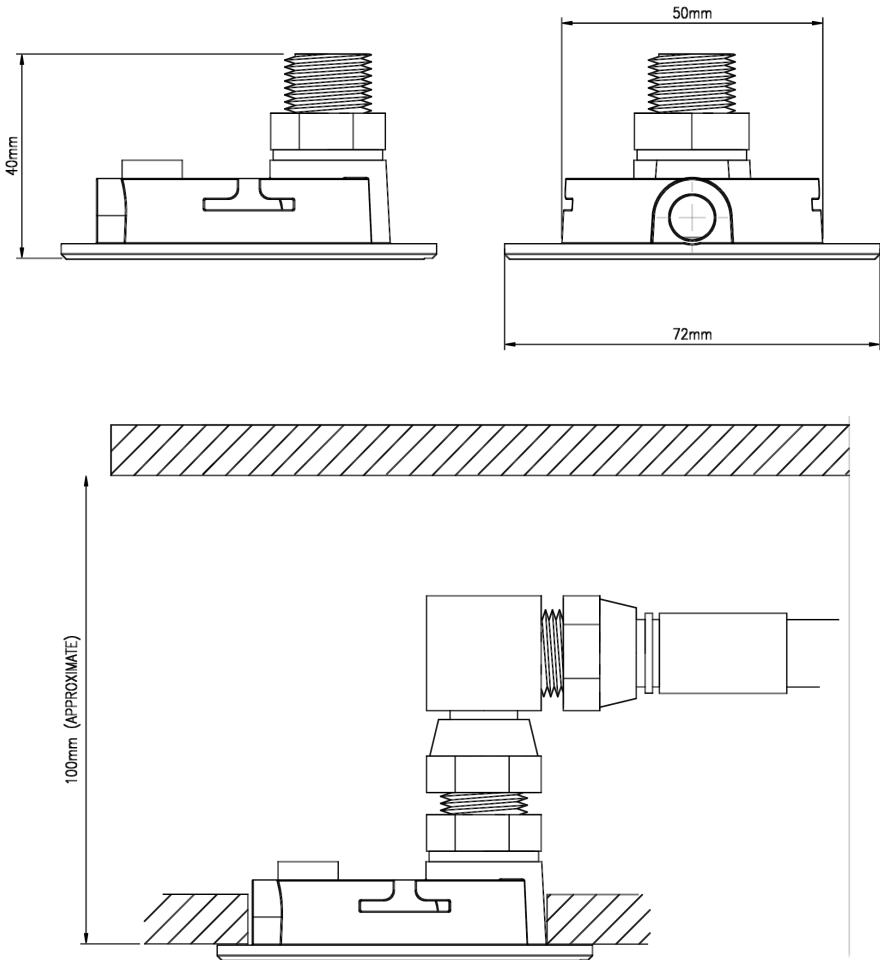
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Nozzle dimensions

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Dimensions:



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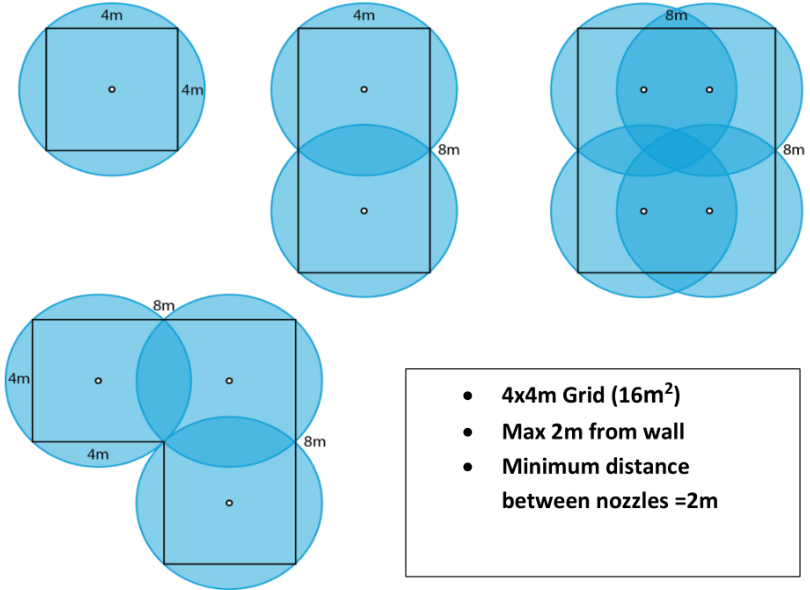
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Technical Datasheet

Nozzle Spacing, Flat Ceilings –



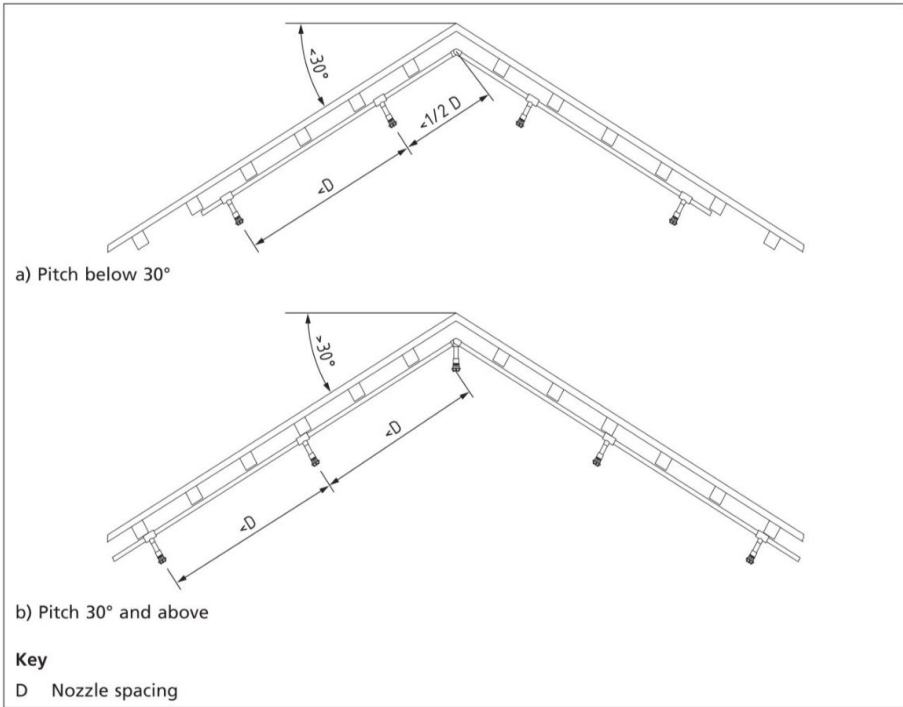
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Technical Datasheet



NOZZLES SHOULD BE POSITIONED SO THEY ARE OUT OF REACH OF CHILDREN.

Nozzle Spacing, Sloped Ceilings-

Where nozzles are fitted within a sloping ceilings, nozzle positions should be determined by the pitch of the ceiling.

Where the pitch is below 30°, nozzles should be mounted at standard spacing's when measured in line with the pitch of the ceiling.

Where the pitch is 30° and above, the first row of nozzles should be mounted within 300 mm radially from the apex of the ceiling.

All nozzles should be mounted perpendicular to the ceiling as shown below

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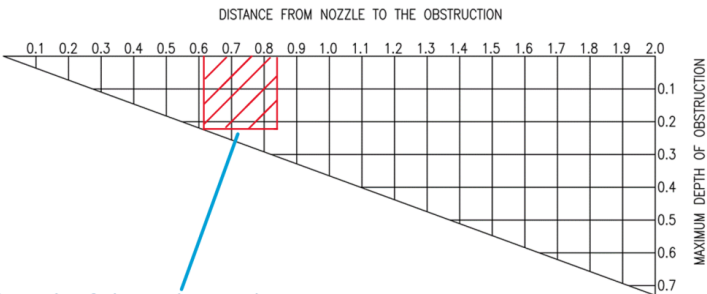
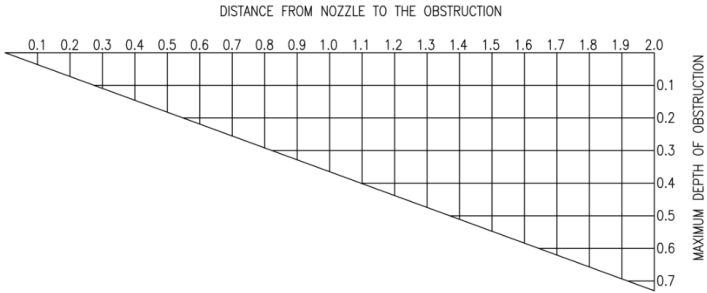
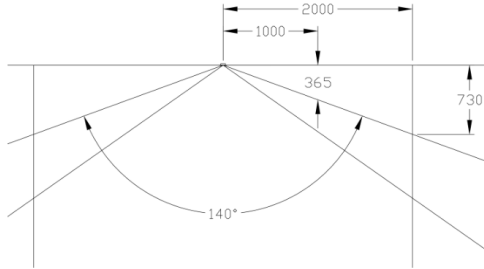


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Distance from Obstructions

Nozzles should be positioned away from obstructions to allow a 140° spray pattern.



Example of obstruction matrix use.

If obstruction fits wholly inside matrix, nozzle positioning is unaffected.

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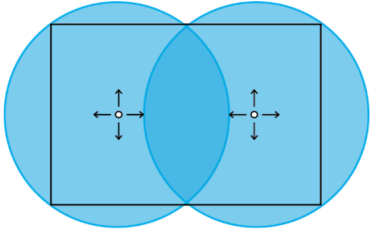


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Technical Datasheet

Nozzle orientation

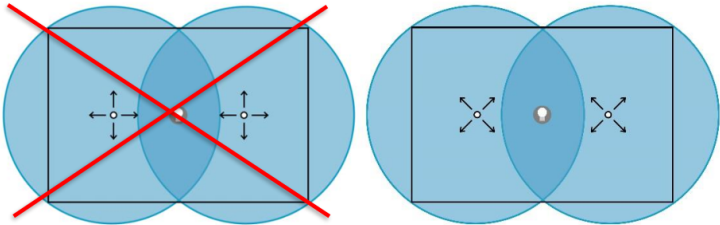
The preferred nozzle outlet orientation is perpendicular to the walls.



Nozzle Orientation – Pendant Light Fittings

Nozzle spray angles should not be directed at pendant light fittings.

The spray direction can be rotated 45° to spray into the corners of the room to avoid the pendant light fitting. Nozzles should be at least 500mm away from a pendant light fitting.



Patents granted:
United Kingdom, USA,
Australia, Europe

Patents pending: UAE

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