




IQ8Quad

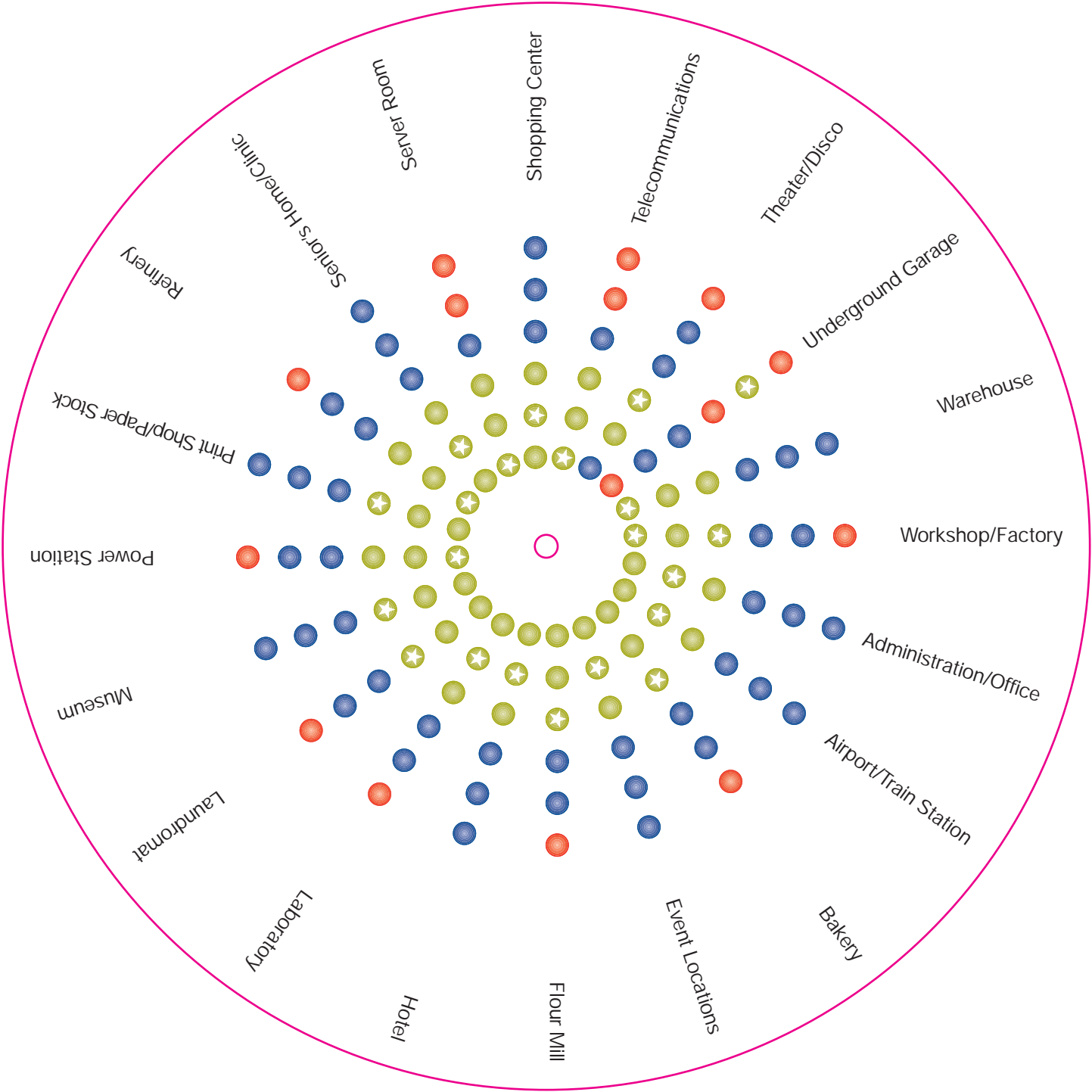


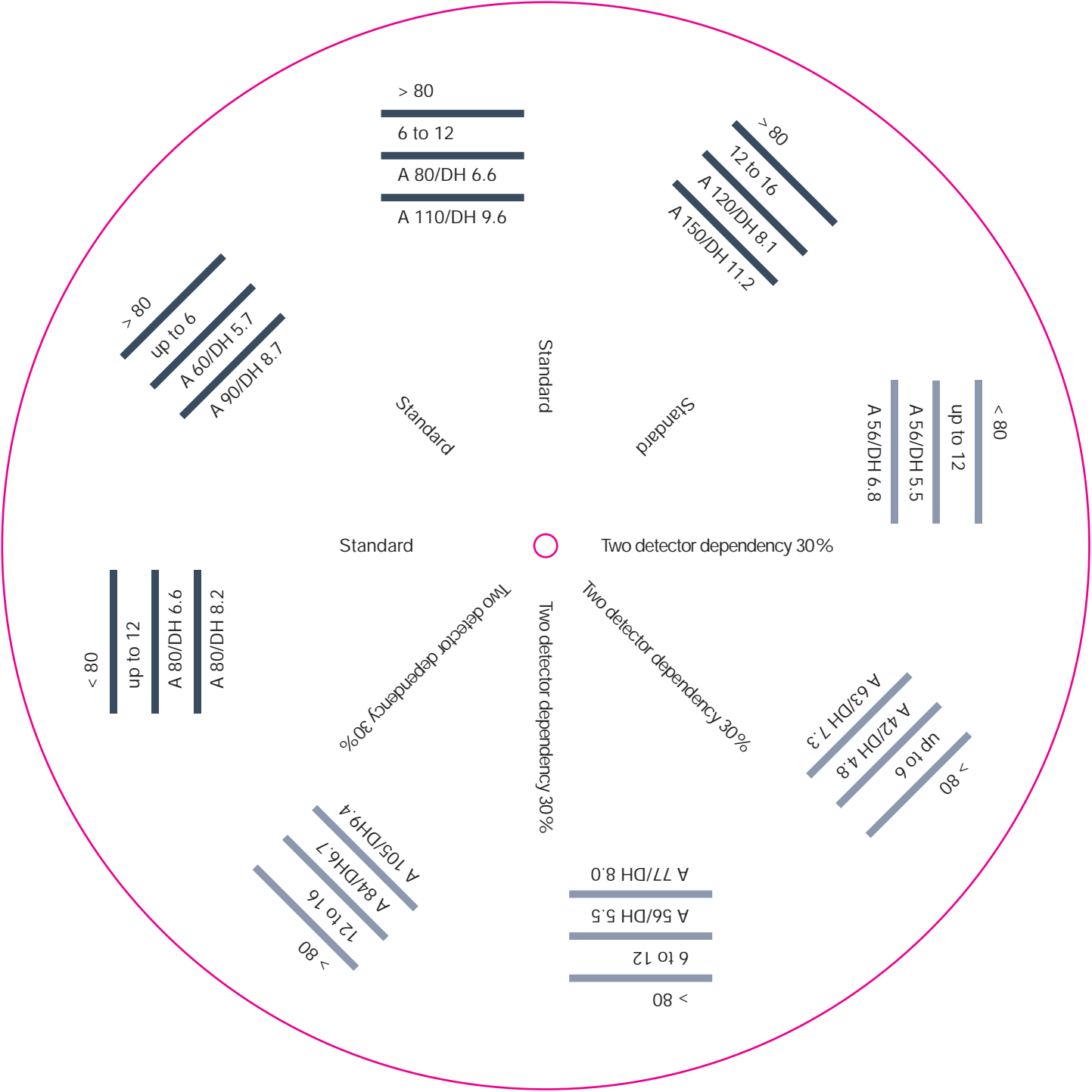
 very suitable  suitable  unsuitable

- OT^{blue} detector
 - OTG detector
 - O²T detector
 - OT detector
 - T detector
 - O detector
- ★ our recommendation

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by Honeywell





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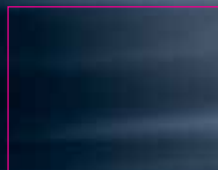
Room (m²)

Ceiling height (m)

up to 20° (m²/m)

more than 20° (m²/m)

Smoke detectors



DH – Largest horizontal distance from any point on the ceiling to the next detector

Standard

Surface area of room up to 30 m²
 up to 20° A 30 m² DH 4.4 m
 more than 20° A 30 m² DH 5.7 m

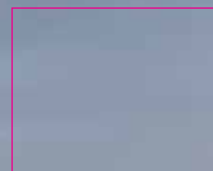
- Heat detector (HD) class 1, A1:
up to 7.5 m ceiling height
- HD class 2, A2, B, C, D, E, F, G:
up to 6.0 m ceiling height
- HD class 3: up to 4.5 m ceiling height

Surface area of room more than 30 m²
 up to 20° A 20 m² DH 3.5 m
 more than 20° A 40 m² DH 6.5 m

- HD class 1, A1:
up to 7.5 m ceiling height
- HD class 2, A2, B, C, D, E, F, G:
up to 6.0 m ceiling height
- HD class 3: up to 4.5 m ceiling height

Two detector dependency 30%

- According to DIN VDS 2095 (dated 2005-02(06))
- Detector separation distance in halls and ceiling areas up to 3 m in width
- Smoke detector: 15 (11) m, 7.5 (5.5) m to frontal areas
- Heat detector: 10 (5) m, 5.0 (2.5) m to frontal areas
- 1 detector per intersecting area, junction area, and corner area
- Manual fire alarm mounting height 1.40 m +/- 0.2 m
- Horizontal and vertical distance of detector to walls, stock, ducts or installations may not be lower than 0.5 m at any position
- Main beams > 0.2 m to be taken into consideration, > 0.8 m as a wall



Smoke detectors

more than 20° (m²/m)

up to 20° (m²/m)

Ceiling height (m)

Room (m²)

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