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## RP-TECHNIK ILEL421WB - Spot ER-Light c-recessed/lense sytem, SB + WB/1h / Data sheet emergency lighting

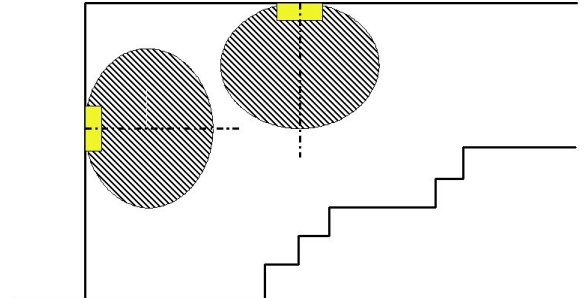
Luminaire: RP-TECHNIK ILEL421WB - Spot ER-Light c-recessed/lense sytem, SB + WB/1h

Lamps: 1 x ILEL421WB - Spot

|  |        |
|--|--------|
| Colour rendering index:                | 70     |
| Luminous flux:                         | 250 lm |
| Correction Factor:                     | 1.000  |
| Emergency lighting factor:             | 1.00   |
| Emergency lighting luminous flux:      | 250 lm |
| Light output ratio:                    | 86.63  |
| Light output ratio (lower hemisphere): | 99.10  |
| Light output ratio (upper hemisphere): | 0.90   |

Glare valuation (Maximum luminous intensity [cd])

|                 | C0    | C90   | C0 - C360 |
|-----------------|-------|-------|-----------|
| Gamma 60° - 90° | 6.5   | 6.5   | 6.5       |
| Gamma 0° - 180° | 312.0 | 312.0 | 312.0     |



Distance table for even escape routes

Mounting Height [m]

| 2.50 | 2.21 | 4.96 | 4.96 | 4.96 | 2.21 |
|------|------|------|------|------|------|
| 3.00 | 2.47 | 5.64 | 5.64 | 5.64 | 2.47 |
| 3.50 | 2.75 | 6.22 | 6.22 | 6.22 | 2.75 |
| 4.00 | 2.99 | 6.70 | 6.70 | 6.70 | 2.99 |
| 4.50 | 3.19 | 7.30 | 7.30 | 7.30 | 3.19 |
| 5.00 | 3.40 | 7.84 | 7.84 | 7.84 | 3.40 |
| 5.50 | 3.60 | 8.33 | 8.33 | 8.33 | 3.60 |
| 6.00 | 3.77 | 8.76 | 8.76 | 8.76 | 3.77 |
| 6.50 | 3.91 | 9.13 | 9.13 | 9.13 | 3.91 |
| 7.00 | 4.02 | 9.57 | 9.57 | 9.57 | 4.02 |

The spacing table is based on the following parameters:

- Maintenance factor: 0.80
- Emergency lighting factor: 1.00
- Minimum illuminance on centre line: 1.00 lx
- Minimum illuminance on half of escape route width: 0.50 lx
- Diversity on the centre line max. 40 : 1
- Width of escape route: 2.00 m

