

RP-Technik GmbH  
 Hermann-Staudinger Straße 10-16  
 63110 Rodgau

Operator RP Projektteam  
 Telephone 06106 660280  
 Fax  
 e-Mail info@rp-group.com

## RP-TECHNIK ILDL428SC - Rund ER-Light ceiling/lense sytem, SB + SC/8h / Data sheet emergency lighting

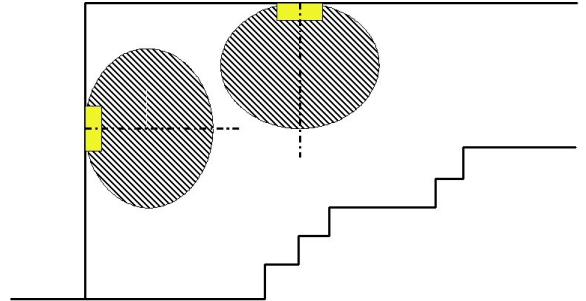
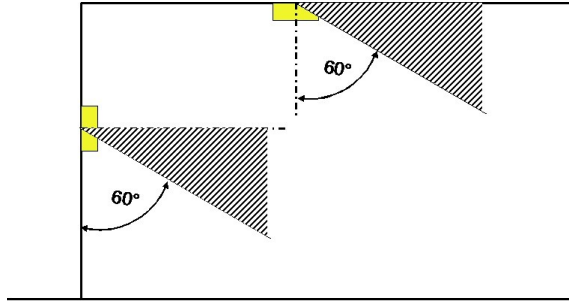
Luminaire: RP-TECHNIK ILDL428SC - Rund ER-Light ceiling/lense sytem, SB + SC/8h

Lamps: 1 x ILDL428SC - Rund

|                                        |        |
|----------------------------------------|--------|
| Colour rendering index:                | 70     |
| Luminous flux:                         | 125 lm |
| Correction Factor:                     | 1.000  |
| Emergency lighting factor:             | 1.00   |
| Emergency lighting luminous flux:      | 125 lm |
| Light output ratio:                    | 86.60  |
| Light output ratio (lower hemisphere): | 99.11  |
| Light output ratio (upper hemisphere): | 0.89   |

Glare valuation (Maximum luminous intensity [cd])

|                 | C0   | C90  | C0 - C360 |
|-----------------|------|------|-----------|
| Gamma 60° - 90° | 52.2 | 52.2 | 52.2      |
| Gamma 0° - 180° | 52.2 | 52.2 | 52.2      |



Distance table for even escape routes

Mounting Height [m]

| Mounting Height [m] |      |      |      |      |      |
|---------------------|------|------|------|------|------|
| 2.50                | 3.96 | 9.53 | 9.53 | 9.53 | 3.96 |
| 3.00                | 0.52 | 7.44 | 7.44 | 7.44 | 0.52 |
| 3.50                | 0.00 | 7.28 | 7.28 | 7.28 | 0.00 |
| 4.00                | 0.00 | 3.79 | 3.79 | 3.79 | 0.00 |
| 4.50                | 0.00 | 0.85 | 0.85 | 0.85 | 0.00 |
| 5.00                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5.50                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6.00                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6.50                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7.00                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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



