

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 ILEL421SC - Spot ER-Light c-recessed/lense sytem, SB + SC/1h / Data sheet emergency lighting

Luminaire: RP-TECHNIK ILEL421SC - Spot ER-Light c-recessed/lense sytem, SB + SC/1h

Lamps: 1 x ILEL421SC - 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



