

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 FMDS028SC ER-Light ceiling, SB + SC/8h / Data sheet emergency lighting

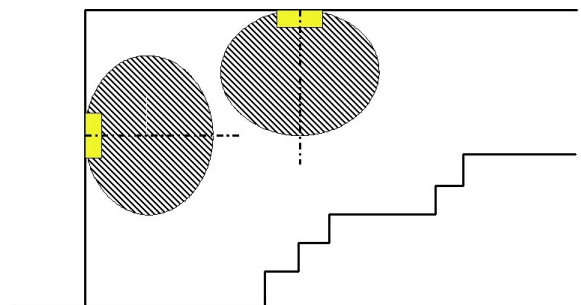
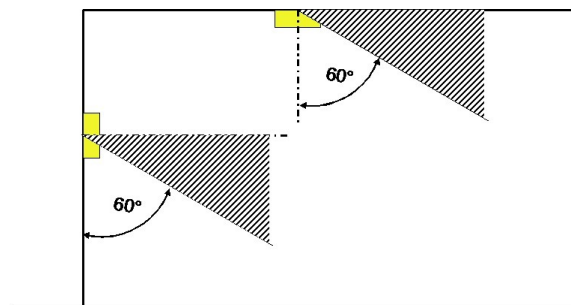
Luminaire: RP-TECHNIK FMDS028SC ER-Light ceiling, SB + SC/8h

Lamps: 1 x FMDS028SC

Colour rendering index: 70
 Luminous flux: 220 lm
 Correction Factor: 1.000
 Emergency lighting factor: 1.00
 Emergency lighting luminous flux: 220 lm
 Light output ratio: 99.78
 Light output ratio (lower hemisphere): 99.57
 Light output ratio (upper hemisphere): 0.43

Glare valuation (Maximum luminous intensity [cd])

	C0	C90	C0 - C360
Gamma 60° - 90°	49.9	10.9	49.9
Gamma 0° - 180°	133.3	107.7	133.3



Distance table for even escape routes

Mounting Height [m]					
2.50	4.13	9.61	7.86	6.07	2.38
3.00	4.58	10.64	8.57	6.43	2.48
3.50	4.96	11.63	9.19	6.71	2.56
4.00	5.28	12.55	9.75	6.94	2.61
4.50	5.56	13.37	10.25	7.13	2.62
5.00	5.75	14.10	10.68	7.27	2.61
5.50	5.85	14.76	11.04	7.37	2.56
6.00	5.88	15.35	11.37	7.42	2.51
6.50	5.75	15.87	11.59	7.41	2.42
7.00	5.58	16.25	11.69	7.41	2.29

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