

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 ILEL421WL - Beam ER-Light c-recessed/lense sytem, SB + WL/1h / Data sheet emergency lighting

Luminaire: RP-TECHNIK ILEL421WL - Beam ER-Light c-recessed/lense sytem, SB + WL/1h

Lamps: 1 x ILEL421WL - Beam

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:	84.21
Light output ratio (lower hemisphere):	98.23
Light output ratio (upper hemisphere):	1.77

Glare valuation (Maximum luminous intensity [cd])

	C0	C90	C0 - C360
Gamma 60° - 90°	9.0	43.0	43.0
Gamma 0° - 180°	108.9	112.1	493.5



Distance table for even escape routes

Mounting Height [m]

2.50	2.42	5.85	6.97	6.58	1.70
3.00	2.53	6.22	8.01	7.20	1.68
3.50	2.58	6.47	8.65	7.62	1.79
4.00	2.59	6.60	9.20	7.97	1.51
4.50	2.57	6.66	9.63	8.39	1.14
5.00	2.61	6.68	9.99	8.68	1.04
5.50	2.61	6.68	10.31	8.68	0.93
6.00	2.59	6.72	10.57	8.67	0.87
6.50	2.54	6.83	10.76	8.67	0.77
7.00	2.44	6.88	10.99	8.75	0.64

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



