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RP-TECHNIK XPIU009 ATEX-PC-Luminaire, Z1 Gas / Z21 Dust / Data sheet emergency lighting

Luminaire: RP-TECHNIK XPIU009 ATEX-PC-Luminaire, Z1 Gas / Z21 Dust

Lamps: 1 x XPIU009

Colour rendering index:	80
Luminous flux:	1200 lm
Correction Factor:	1.000
Emergency lighting factor:	1.00
Emergency lighting luminous flux:	1200 lm
Light output ratio:	100.07
Light output ratio (lower hemisphere):	99.52
Light output ratio (upper hemisphere):	0.48

Glare valuation (Maximum luminous intensity [cd])

	C0	C90	C0 - C360
Gamma 60° - 90°	217.3	162.4	217.3
Gamma 0° - 180°	426.7	426.7	426.7



Distance table for even escape routes

Mounting Height [m]

2.50	5.62	13.45	12.82	12.15	5.14
3.00	6.64	15.93	15.19	14.41	6.08
3.50	7.13	17.18	16.42	15.63	6.55
4.00	7.57	18.29	17.53	16.73	6.95
4.50	7.95	19.31	18.54	17.71	7.31
5.00	8.24	20.27	19.47	18.61	7.62
5.50	8.47	21.15	20.32	19.43	7.90
6.00	8.66	21.95	21.10	20.18	8.13
6.50	8.83	22.70	21.76	20.86	8.33
7.00	8.98	23.25	22.33	21.49	8.50

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



