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## RP-TECHNIK XGIU003SC-BS ATEX-GI-Luminaire SB + SC/3h, Z1 Gas / Z21 / Data sheet emergency lighting

Luminaire: RP-TECHNIK XGIU003SC-BS ATEX-GI-Luminaire SB + SC/3h, Z1 Gas / Z21

Lamps: 1 x XGIU003SC-BS

Colour rendering index:	80
Luminous flux:	350 lm
Correction Factor:	1.000
Emergency lighting factor:	1.00
Emergency lighting luminous flux:	350 lm
Light output ratio:	100.03
Light output ratio (lower hemisphere):	99.62
Light output ratio (upper hemisphere):	0.38

Glare valuation (Maximum luminous intensity [cd])

	C0	C90	C0 - C360
Gamma 60° - 90°	56.8	52.1	56.8
Gamma 0° - 180°	117.7	118.4	118.7



### Distance table for even escape routes

Mounting Height [m]

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2.50	4.19	10.26	10.13	10.00	4.09
3.00	4.45	11.12	10.98	10.84	4.36
3.50	4.64	11.83	11.68	11.53	4.58
4.00	4.76	12.37	12.24	12.11	4.74
4.50	4.81	12.83	12.71	12.59	4.83
5.00	4.83	13.15	13.07	13.00	4.85
5.50	4.81	13.40	13.36	13.33	4.80
6.00	4.72	13.56	13.55	13.55	4.73
6.50	4.57	13.64	13.67	13.69	4.64
7.00	4.33	13.66	13.70	13.75	4.41

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



