

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 XGMU003SC-BS ATEX-GI-Luminaire SB + SC/3h, Z1 Gas / Z21 / Data sheet emergency lighting

Luminaire: RP-TECHNIK XGMU003SC-BS ATEX-GI-Luminaire SB + SC/3h, Z1 Gas / Z21

Lamps: 1 x XGMU003SC-BS

Colour rendering index:	80
Luminous flux:	750 lm
Correction Factor:	1.000
Emergency lighting factor:	1.00
Emergency lighting luminous flux:	750 lm
Light output ratio:	100.21
Light output ratio (lower hemisphere):	95.49
Light output ratio (upper hemisphere):	4.51

Glare valuation (Maximum luminous intensity [cd])

	C0	C90	C0 - C360
Gamma 60° - 90°	111.8	109.6	112.7
Gamma 0° - 180°	257.9	261.8	263.3



Distance table for even escape routes

Mounting Height [m]

2.50	5.13	12.36	12.29	12.23	5.10
3.00	5.54	13.48	13.43	13.37	5.52
3.50	5.87	14.45	14.41	14.36	5.85
4.00	6.14	15.30	15.25	15.20	6.11
4.50	6.37	16.06	16.01	15.96	6.33
5.00	6.55	16.69	16.64	16.59	6.55
5.50	6.70	17.23	17.18	17.13	6.73
6.00	6.82	17.71	17.65	17.60	6.85
6.50	6.90	18.12	18.08	18.05	6.90
7.00	6.96	18.49	18.48	18.48	6.93

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



