

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 XGXU009 ATEX-GI-Luminaire, Z1 Gas / Z21 Dust / Data sheet emergency lighting

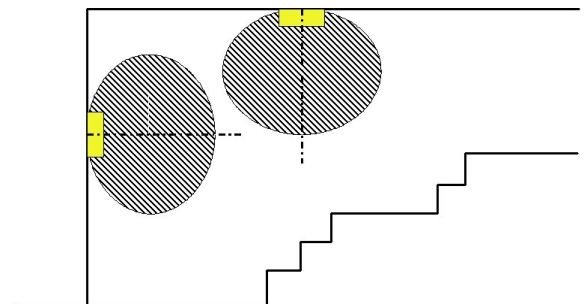
Luminaire: RP-TECHNIK XGXU009 ATEX-GI-Luminaire, Z1 Gas / Z21 Dust

Lamps: 1 x XGXU009

Colour rendering index:	80
Luminous flux:	4600 lm
Correction Factor:	1.000
Emergency lighting factor:	1.00
Emergency lighting luminous flux:	4600 lm
Light output ratio:	100.02
Light output ratio (lower hemisphere):	94.17
Light output ratio (upper hemisphere):	5.83

Glare valuation (Maximum luminous intensity [cd])

	C0	C90	C0 - C360
Gamma 60° - 90°	795.3	461.4	795.3
Gamma 0° - 180°	1390.6	1374.9	1390.6



Distance table for even escape routes

Mounting Height [m]

2.50	6.30	15.77	13.89	12.17	5.10
3.00	7.54	18.86	16.60	14.53	6.09
3.50	8.78	21.96	19.29	16.87	7.06
4.00	10.02	25.06	22.02	19.24	8.05
4.50	11.27	28.18	24.75	21.62	9.04
5.00	12.51	31.30	27.48	24.00	10.04
5.50	13.29	33.30	29.34	25.70	10.73
6.00	13.68	34.37	30.45	26.81	11.16
6.50	14.06	35.40	31.49	27.81	11.54
7.00	14.40	36.33	32.48	28.83	11.91

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



