

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 XPMU009ML ATEX-GI-Luminaire+ML, Z1 Gas / Z21 Dust / Data sheet emergency lighting

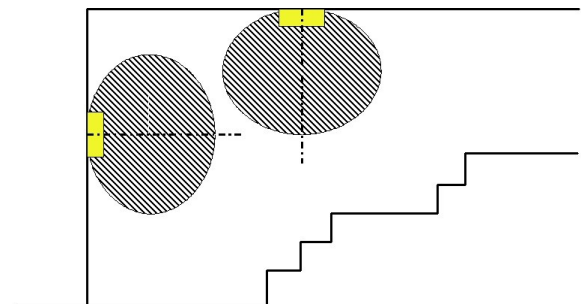
Luminaire: RP-TECHNIK XPMU009ML ATEX-GI-Luminaire+ML, Z1 Gas / Z21 Dust

Lamps: 1 x XPMU009ML

Colour rendering index:	80
Luminous flux:	2400 lm
Correction Factor:	1.000
Emergency lighting factor:	1.00
Emergency lighting luminous flux:	2400 lm
Light output ratio:	100.14
Light output ratio (lower hemisphere):	96.61
Light output ratio (upper hemisphere):	3.39

Glare valuation (Maximum luminous intensity [cd])

	C0	C90	C0 - C360
Gamma 60° - 90°	359.8	322.1	369.6
Gamma 0° - 180°	818.4	831.6	833.8



### Distance table for even escape routes

Mounting Height [m]

2.50	5.57	13.41	13.04	12.63	5.24
3.00	6.68	16.09	15.64	15.15	6.28
3.50	7.80	18.78	18.25	17.66	7.32
4.00	8.99	21.66	20.86	20.18	8.36
4.50	9.45	22.91	22.23	21.49	8.89
5.00	9.80	24.06	23.34	22.55	9.31
5.50	10.11	25.13	24.36	23.53	9.70
6.00	10.39	26.12	25.30	24.50	10.07
6.50	10.69	26.93	26.12	25.39	10.41
7.00	10.97	27.62	26.89	26.24	10.72

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



