

technical data type EMX

Housing:

- injection moulded housing made out of polycarbonate (PC) or polystyrene (PS), with EPDM gasket.
- standard white coloured.
- optional: grey coloured.

Diffuser:

- injection moulded diffuser, fixed to the housing with screws, made out of polycarbonate (PC) or acrylic (PMMA).
- opal or clear prismatic or PC-frosted
- pictograms optional.

Reflector:

- made of white stove enamelled steel.
- reflector attached to the housing by quickly detachable "reflector clips".



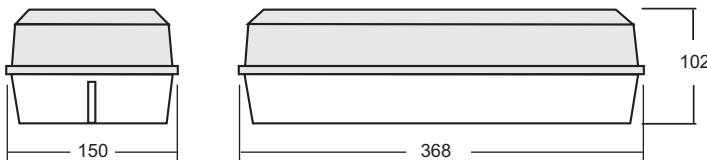
Electrical specifications:

- ferromagnetic ballast and switch starters.
- optional: - emergency applications in 1 and 3H autonomy.
(non maintained or sustained version).
- test-buttons for emergency function test.
- digital self test.

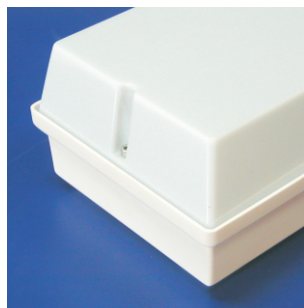
Lamps:

- fluorescent lamps in 8w
- fluorescent compact lamps in 9 - 11 - 18w
- Low pressure sodium lamps in 18w

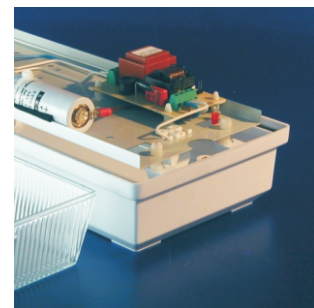
Also LED version available with PC-frosted diffuser and efficiency of 88 lm/w.
(1143 lumen out of fitting for 13w)



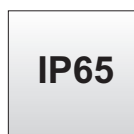
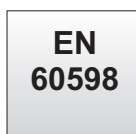
Easy "clip-on" gear tray



Opal diffuser



High quality electronic components



technical data type EMX

EMX		Tot. light output (Lumen)
1x9 W	TCS	600
2x9 W	TCS	950
1x11 W	TCS	900
1x18 W	TCL	1200
2x11W	TCS	1800
1x8 W	T5	330 / 450*
2x8 W	T5	660 / 900*
1x18 W	LPS/SOX	1800

(* = High efficiency lamp.)

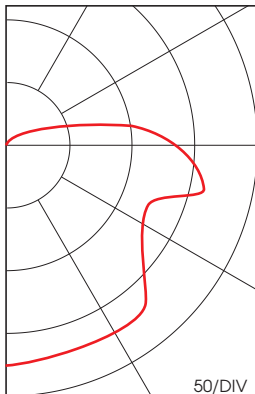
EMX Emergency		Tot. light output (Lumen)	Batteries	Auton.
1x8	T5 (non maint.)	125	3x 1.5Ah	1h
1x8	T5 "	90	2x 4Ah	3h
2x8	T5 (sustained)	330 + 125	3x 1.5Ah	1h
2x8	T5 "	330 + 90	2x 4Ah	3h

(Other types of lamps and batteries on request.)

EMX 1x8

Correction factors : 1.00

Polair Diagram



Utilisation Factors

Ceilings	.8	.7	.7	.5	.5	.5
Walls	.5	.5	.3	.5	.3	.3
Floor	.3	.1	.3	.3	.3	.1

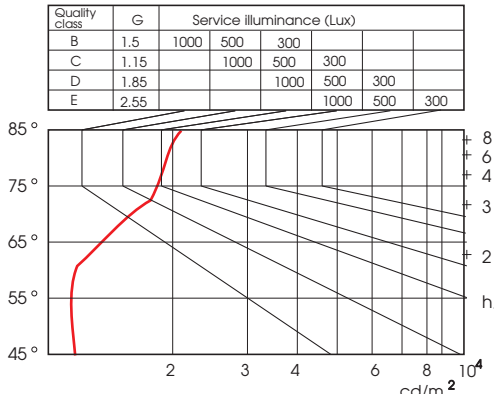
Room ind. K

0.60	.35	.32	.26	.31	.25	.24
0.80	.42	.39	.33	.38	.31	.30
1.00	.49	.44	.39	.43	.36	.35
1.25	.55	.49	.45	.49	.42	.40
1.50	.60	.53	.50	.53	.46	.44
2.00	.68	.59	.57	.59	.53	.50
2.50	.74	.63	.63	.64	.58	.54
3.00	.78	.66	.68	.67	.62	.58
4.00	.84	.70	.74	.72	.67	.62
5.00	.87	.73	.78	.75	.71	.65

Glare Evaluation

(1x330 lm)

Quality class	G	Service Illuminance (Lux)					
B	1.5	1000	500	300			
C	1.15		1000	500	300		
D	1.85			1000	500	300	
E	2.55				1000	500	300



e/h : 1.58	Lum.Eff.: 89 %	C.I.E.: 35 59 80 85 89	BZ6	UTE : .76H+.13T
------------	----------------	------------------------	-----	-----------------

EMX 2x11

Correction factors : 2x11: 1.00 - 2x9: 1.09

Polair Diagram

Utilisation Factors

Ceilings	.8	.7	.7	.5	.5	.5
Walls	.5	.5	.3	.5	.3	.3
Floor	.3	.1	.3	.3	.3	.1

Room ind. K

0.60	.29	.27	.22	.26	.21	.21
0.80	.35	.32	.28	.32	.26	.26
1.00	.40	.36	.33	.36	.31	.30
1.25	.46	.41	.38	.41	.36	.34
1.50	.50	.44	.42	.44	.39	.37
2.00	.56	.49	.48	.49	.45	.42
2.50	.60	.52	.53	.53	.49	.46
3.00	.63	.54	.56	.55	.52	.48
4.00	.68	.57	.60	.59	.56	.51
5.00	.70	.59	.64	.61	.58	.54

Glare Evaluation

(2x 900 lm)

Quality class	G	Service Illuminance (Lux)					
B	1.5	1000	500	300			
C	1.15		1000	500	300		
D	1.85			1000	500	300	
E	2.55				1000	500	300

e/h : 1.58

Lum.Eff.: 65.8 %

C.I.E.: 40 68 87 87 66

BZ5 2.00 BZ6

UTE : .57G+.09T