

# K8M12

module • linear

*application* : Office, Healthcare, Education, Horeca, Retail, Leisure, Logistics

*light source* : low power LED • 5000 K

*Lumen output in emergency mode* : 243 lm

*function*: escape route/anti-panic

*self test*: With extensive self-test EST+

*photobiological safety*: EN 62471: RISK GROUP 0 UNLIMITED



## Mechanical properties

*dimensions* : mm x mm x mm

## Electrical properties

*power* : 0.9 W

*voltage*: 220-230V

*frequency* : 50-60Hz AC

## Battery

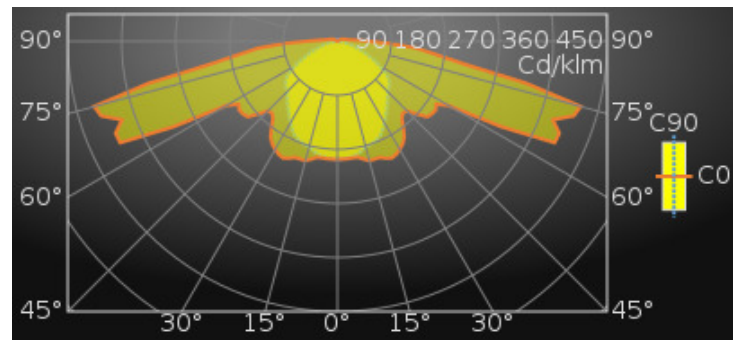
*mode of operation* : adjustable: non-maintained/maintained

*Battery*: 4 x NiMh 1,2V 1,1Ah

*autonomy* : \*60 minutes

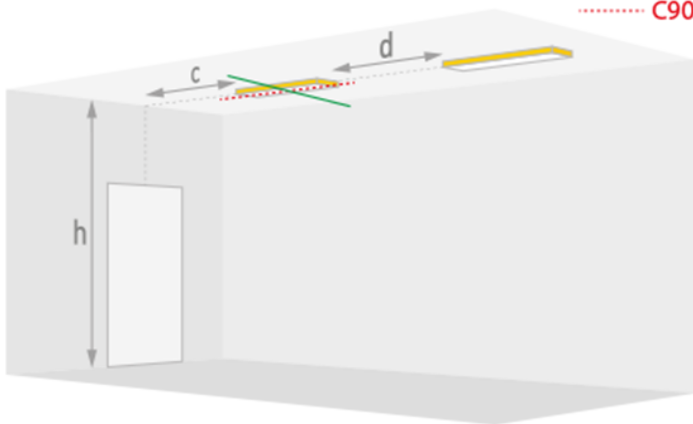
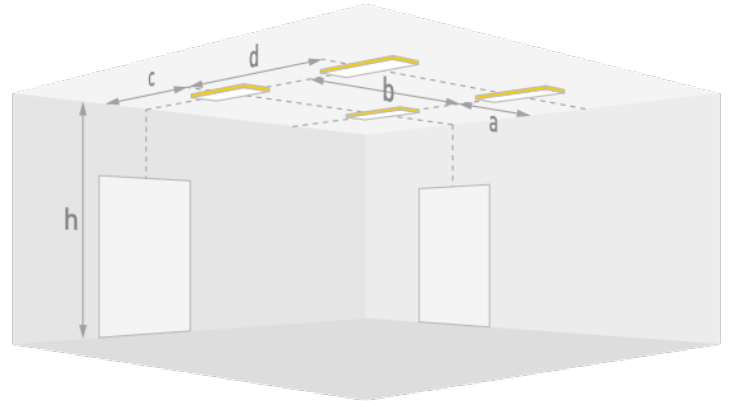
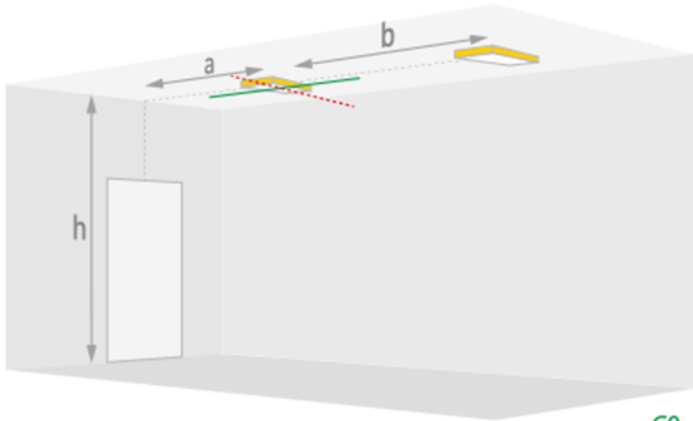
## Luminance

*luminous flux* : 243 lm



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## Distance tables: ceiling mounted



AP Ceiling for 0.5 Lux and 243 lm

H (m)	a	b	c	d
2.6	3.6	20.0	0.9	8.6
2.8	3.8	21.1	0.1	8.5
3.0	4.1	21.9	---	8.4
3.5	4.6	22.6	0.6	8.9
4.0	5.0	23.4	---	9.2
4.5	5.3	22.7	0.8	9.9
5.0	5.6	21.6	0.6	10.4
6.0	6.1	23.0	---	9.5
7.0	5.3	17.2	1.4	12.4
8.0	5.3	17.2	0.3	13.1
10.0	5.3	16.2	---	13.4
12.0	---	16.4	---	12.1

ER Ceiling for 1.0 Lux and 243 lm

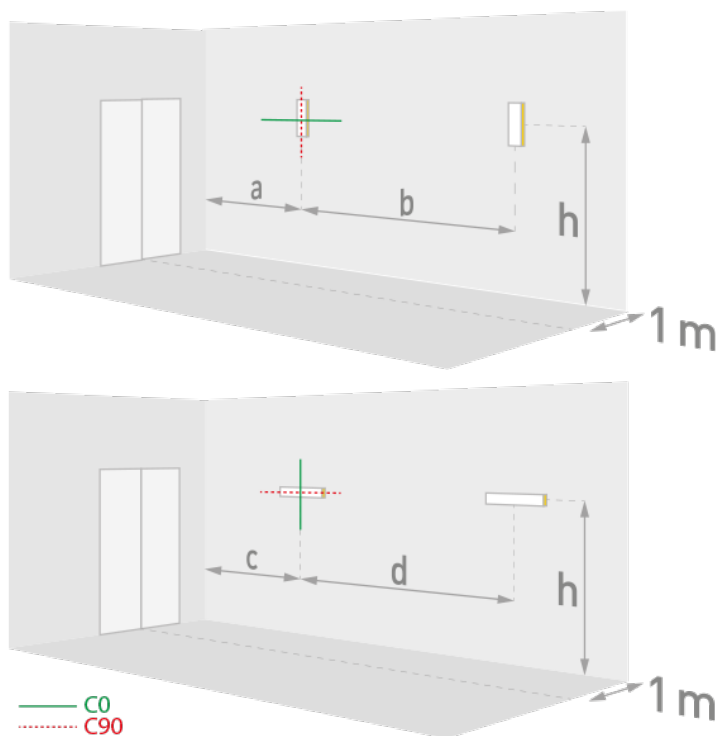
H (m)	a	b	c	d
2.6	4.3	14.9	3.2	8.2
2.8	4.3	15.0	3.2	8.4
3.0	4.3	15.0	3.2	8.7
3.5	4.3	14.1	3.2	9.0
4.0	3.8	12.1	3.1	9.1
4.5	3.7	12.2	3.0	9.0
5.0	3.8	11.5	2.9	9.0
6.0	3.7	10.1	2.4	8.7
7.0	2.3	10.1	1.3	8.1
8.0	---	7.2	---	6.2

AP Ceiling for 1.0 Lux and 243 lm

H (m)	a	b	c	d
2.6	3.4	16.4	---	6.3
2.8	3.6	16.6	---	6.4
3.0	3.7	16.7	---	6.6
3.5	4.0	15.6	0.2	7.2
4.0	4.0	15.3	0.6	7.7
4.5	4.1	11.7	1.5	8.6
5.0	3.8	12.4	0.8	8.6
6.0	3.7	11.6	---	9.5
7.0	3.8	11.4	---	9.5
8.0	0.2	11.7	---	8.9
10.0	---	9.4	---	5.7
12.0	---	6.6	---	4.8

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## Distance tables: wall mounted



ER Wall for 1.0 Lux and 243 lm

H (m)	a	b	c	d
1.4	4.3	10.4	2.2	5.9
1.6	4.3	10.6	2.4	6.2
1.8	4.3	10.8	2.7	6.4
2.0	4.2	10.9	2.8	6.6
2.2	4.1	11.0	2.8	6.8
2.4	4.0	11.1	2.9	6.9
2.6	---	7.9	2.9	7.0
2.8	---	6.9	3.0	7.1
3.0	---	---	3.1	7.3
3.5	---	---	3.1	7.6
4.0	---	---	3.0	7.7
4.5	---	---	3.0	7.9
5.0	---	---	2.9	8.1
6.0	---	---	2.5	8.5
7.0	---	---	---	6.0
8.0	---	---	---	4.7

AP Wall for 0.5 Lux and 243 lm

H (m)	a	b	c	d
1.4	4.5	11.0	2.6	6.0
1.6	4.7	11.4	2.7	6.2
1.8	4.8	11.8	2.7	6.4
2.0	5.0	12.1	2.8	6.6
2.2	5.1	12.5	2.8	6.8
2.4	5.2	12.9	2.9	6.9
2.6	---	7.9	2.9	7.0
2.8	---	6.9	3.0	7.1
3.0	---	---	3.1	7.3
3.5	---	---	3.3	7.7
4.0	---	---	3.5	8.1
4.5	---	---	3.7	8.6
5.0	---	---	3.9	9.1
6.0	---	---	4.1	10.0
7.0	---	---	3.9	10.7
8.0	---	---	---	6.8

AP Wall for 1.0 Lux and 243 lm

H (m)	a	b	c	d
1.4	3.6	9.0	2.2	5.2
1.6	3.8	9.3	2.2	5.4
1.8	3.9	9.7	2.3	5.5
2.0	3.9	10.0	2.3	5.6
2.2	---	6.2	2.4	5.7
2.4	---	5.3	2.4	5.8
2.6	---	---	2.5	5.9
2.8	---	---	2.5	6.0
3.0	---	---	2.6	6.2
3.5	---	---	2.8	6.6
4.0	---	---	2.9	7.0
4.5	---	---	3.0	7.4
5.0	---	---	2.9	7.8
6.0	---	---	---	5.4
7.0	---	---	---	4.2

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## Isolux diagram - wall mounting

