K112/3

surface-mounted luminaire • linear

Application : General healthcare area's, Playing fields

housing: impact-resistant polycarbonate

light source : LED • 5000 K

optics : Fresnel lens • polycarbonate (PC)

Lumen output in emergency mode : 320 lm

function: escape route lighting

monitoring: EST+ self-test

photobiological safety: EN 62471: RISK GROUP 0 UNLIMITED

Product information

Mechanical properties

dimensions : 304 mm x 155 mm x 73 mm

colour: RAL9018 - papyrus white

IP: IP42

IK: IK04

ambient temperature: 5°C - 35°C •

Electrical properties

power : 2.3 W

voltage: 220-230V

frequency : 50-60Hz AC
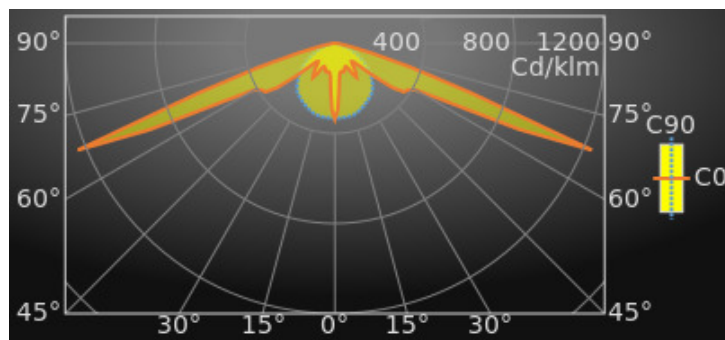
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Battery

mode of operation : adjustable: non-maintained/maintained
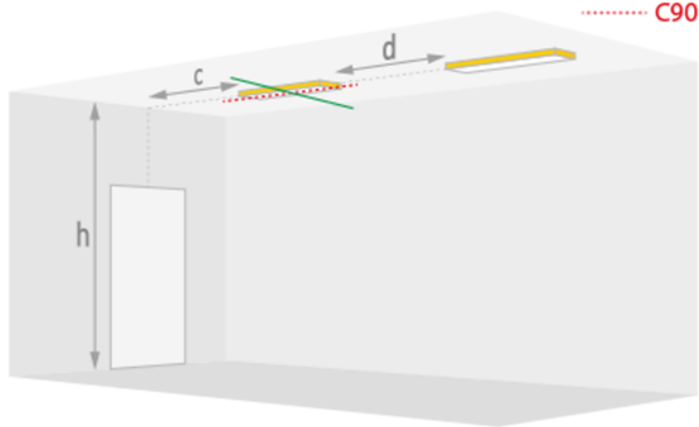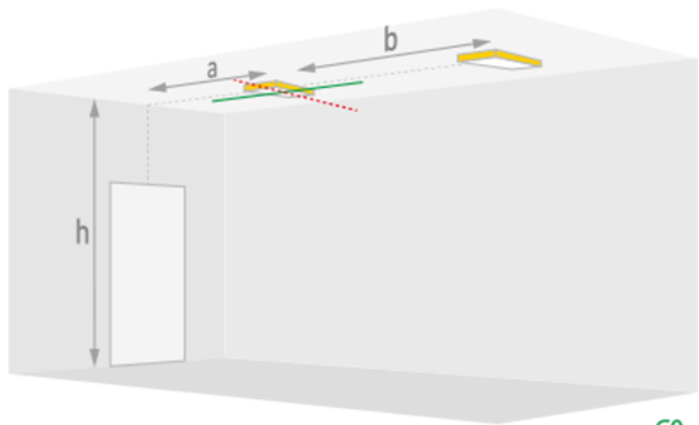
Battery: 4 x NiMh 1,2V 1,1Ah

autonomy : 60 minutes

Luminance

luminous flux : 320 lm
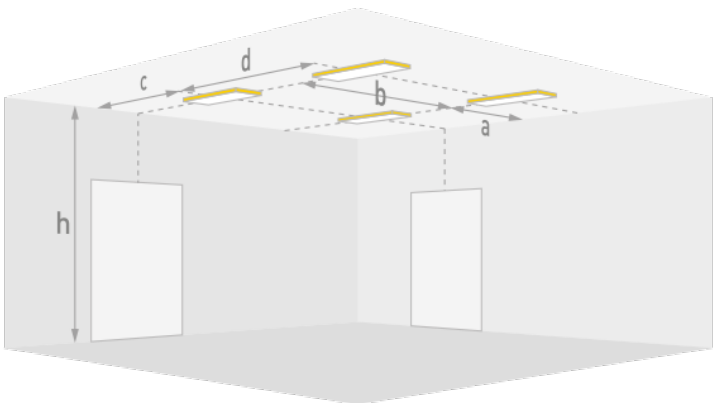
Distance tables: ceiling mounted

Legend:
— C0
······ C90

AP Ceiling for 0.5 Lux and 320 lm

H (m)	a	b	c	d
2.6	4.3	18.4	0.5	7.7
2.8	4.6	20.9	---	7.3
3.0	3.0	16.9	2.7	10.0
3.5	3.4	19.0	2.6	10.1
4.0	4.6	20.8	2.5	9.4
4.5	4.8	22.1	2.3	9.9
5.0	5.1	23.4	2.1	9.8
6.0	5.5	26.7	1.7	7.7
7.0	6.2	13.9	2.1	13.8
8.0	6.2	31.4	0.8	6.1
10.0	9.3	14.8	0.5	12.5
12.0	1.7	9.8	0.6	15.0

ER Ceiling for 1.0 Lux and 320 lm

H (m)	a	b	c	d
2.6	7.3	16.2	4.1	10.0
2.8	7.7	17.1	4.3	10.4
3.0	8.1	18.0	4.4	10.7
3.5	9.0	20.1	4.7	11.5
4.0	3.4	16.7	4.8	12.2
4.5	3.6	17.0	5.0	12.8
5.0	3.7	17.6	5.1	13.3
6.0	4.9	9.9	5.1	14.0
7.0	2.7	8.5	4.9	14.5
8.0	1.0	5.9	4.4	14.6
10.0	0.9	2.5	2.7	13.8
12.0	0.2	1.9	---	10.3

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AP Ceiling for 1.0 Lux and 320 lm

H (m)	a	b	c	d
2.6	2.4	13.7	1.8	7.3
2.8	3.3	14.6	1.8	6.5
3.0	3.3	15.1	1.7	6.8
3.5	3.6	16.5	1.5	6.9
4.0	4.2	18.9	1.2	5.0
4.5	3.8	19.0	0.8	6.7
5.0	4.4	9.9	1.4	9.7
6.0	4.3	22.5	---	5.1
7.0	6.5	10.4	0.5	8.9
8.0	3.4	10.4	---	7.8
10.0	1.3	6.3	---	8.4
12.0	0.8	2.6	0.2	12.6

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Distance tables: wall mounted

C0
C90

"
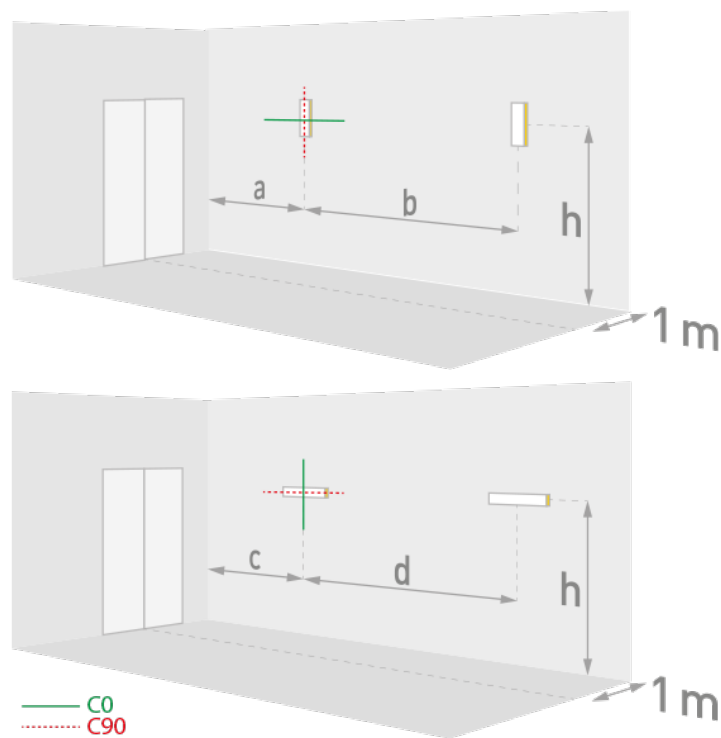
ER Wall for 1.0 Lux and 320 lm

H (m)	a	b	c	d
1.4	3.6	8.1	2.2	6.1
1.6	3.9	8.6	2.3	6.6
1.8	4.1	9.1	2.8	7.1
2.0	4.3	9.6	2.8	6.7
2.2	4.5	10.1	2.9	6.8
2.4	0.1	5.8	3.0	7.1
2.6	---	5.6	3.2	7.3
2.8	---	---	3.3	7.6
3.0	---	---	3.0	7.9
3.5	---	---	3.2	7.6
4.0	---	---	---	5.3
4.5	---	---	---	5.0

AP Wall for 0.5 Lux and 320 lm

H (m)	a	b	c	d
1.4	3.6	8.1	2.8	6.6
1.6	3.9	8.6	3.1	6.9
1.8	4.1	9.1	2.8	7.3
2.0	4.3	9.6	2.8	6.7
2.2	4.5	10.1	2.9	6.8
2.4	0.1	5.8	3.0	7.1
2.6	---	5.6	3.2	7.3
2.8	---	---	3.3	7.6
3.0	---	---	3.4	7.9
3.5	---	---	3.8	8.5
4.0	---	---	---	5.3
4.5	---	---	---	5.0

AP Wall for 1.0 Lux and 320 lm

H (m)	a	b	c	d
1.4	3.3	7.3	2.2	5.7
1.6	3.5	7.8	2.2	6.1
1.8	3.7	8.3	2.2	5.6
2.0	0.1	5.0	2.3	5.6
2.2	0.1	4.7	2.4	5.9
2.4	---	---	2.5	6.1
2.6	---	---	2.6	6.4
2.8	---	---	2.8	6.7
3.0	---	---	3.0	6.9
3.5	---	---	---	3.9

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Isolux diagram - wall mounting

H = 2.5m

Lux
0.5
1.0
2.0
3.0
4.0
5.0
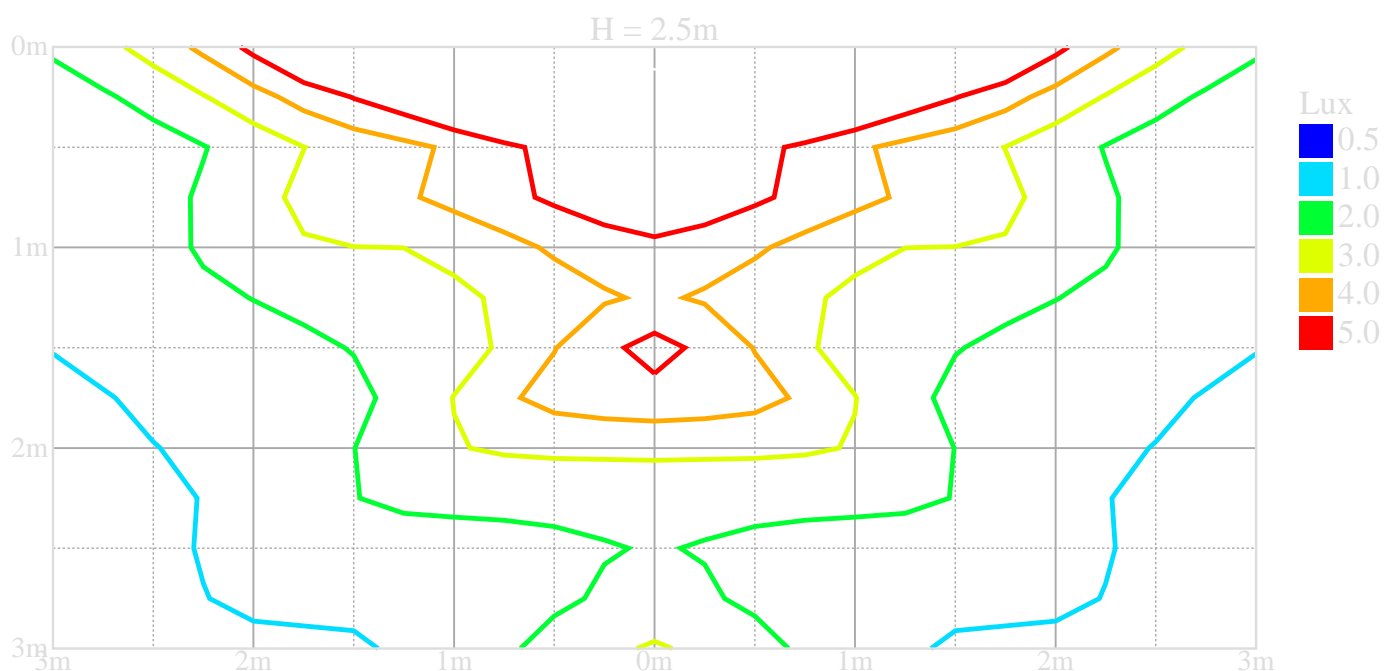
Available accessories

K1H1 *Recessed mounting frame*

K1H2 *Right angle wall bracket*

K1H3 *Parallel wall bracket*

K1H4-50 *Suspension set*

K1H7 *Protective grille*

K1H14 *Adaptation plate for K8 renovation*

K1H15 *Adaptation plate for old K2 8renovation*

K1H16 *Adaptation plate for old K2 13W renovation*

K1H17 *Adaptation plate for old K1 renovation*

K1H8 *Optional template for recessed mounting set*

K1H10 *Mounting plate for mounting on rough surfaces*

K1H11 *Accessory for through wiring and/or surface mounted cabling*

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Dimensional drawing

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