

KE212/6OS2-ATEX1



surface-mounted luminaire • linear

Application	: Harsh environments, ATEX environments
housing	: lacquered aluminium
light source	: LED • 5000 K
optics	: linear lens • polycarbonate (PC)
Lumen output in emergency mode	: 210 lm
function	: escape route lighting
monitoring	: EST+ self-test
photobiological safety	: EN 62471: RISK GROUP 0 UNLIMITED

Product information

Mechanical properties

dimensions	: 423 mm x 80 mm x 135 mm
colour	: RAL7035 - light grey
IP	: IP66, IP69K
IK	: IK07
ambient temperature	: -20°C - 40°C •
ATEX	: II 2D Ex tb IIIC T80°C Db, II 3G Ex ec IIC T4 Gc

Battery

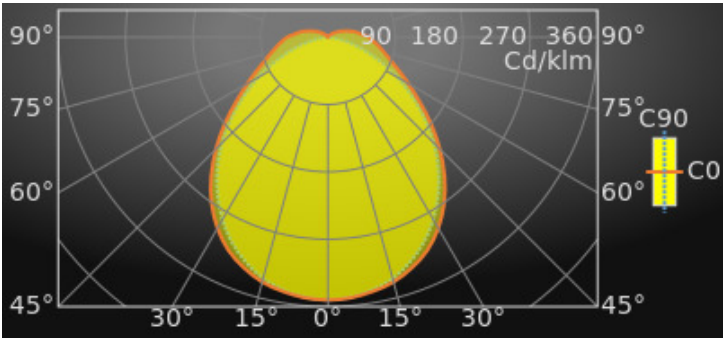
mode of operation	: adjustable: non-maintained/maintained
Battery	: 4 x NiMh 1,2V 2,1Ah
autonomy	: 180 minutes

Electrical properties

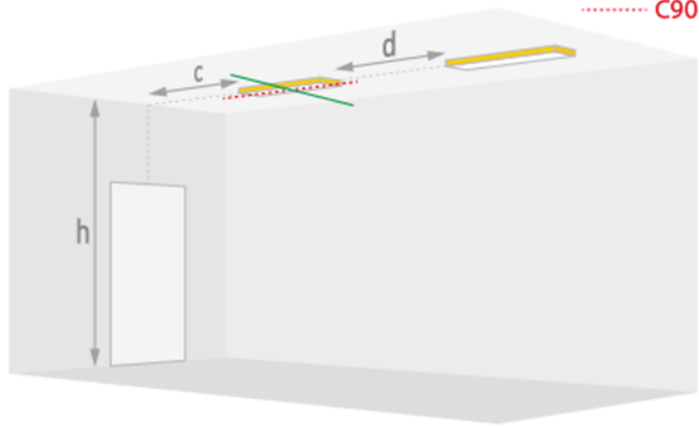
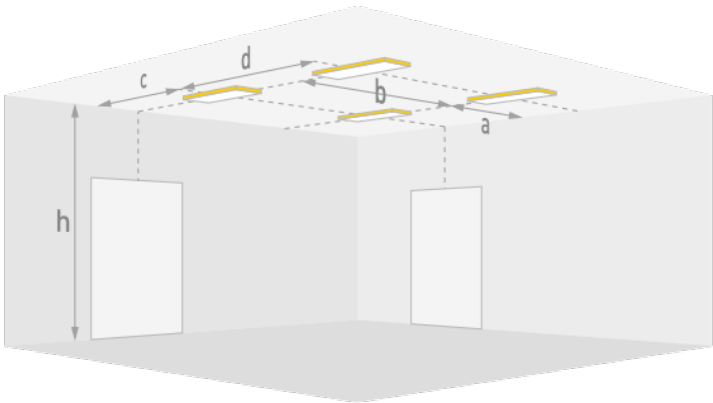
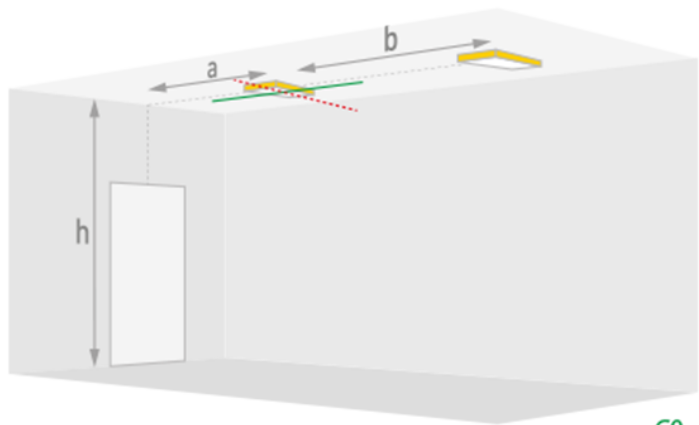
power	: 2.4 W
voltage	: 220-240V
frequency	: 50-60Hz AC

Luminance

luminous flux : 210 lm



Distance tables: ceiling mounted



— C0
..... C90

AP Ceiling for 0.5 Lux and 210 lm

H (m)	a	b	c	d
2.6	3.6	10.6	1.8	8.1
2.8	3.7	10.8	2.0	8.4
3.0	4.0	11.5	1.5	8.3
3.5	4.0	11.8	2.1	9.4
4.0	4.0	12.2	2.5	10.2
4.5	4.4	13.1	2.2	10.4
5.0	4.1	13.1	2.8	11.5
6.0	4.7	14.6	2.2	11.7
7.0	4.3	14.8	2.8	13.1
8.0	4.5	15.7	2.4	13.4
10.0	4.1	16.8	1.4	14.1
12.0	2.2	16.7	0.9	15.2

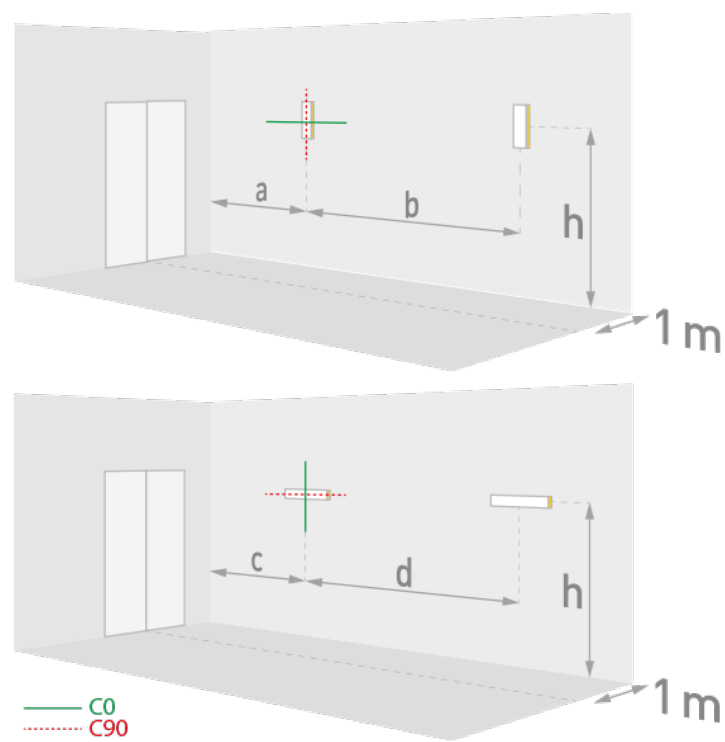
ER Ceiling for 1.0 Lux and 210 lm

H (m)	a	b	c	d
2.6	3.5	8.9	3.4	8.5
2.8	3.6	9.1	3.5	8.8
3.0	3.7	9.3	3.6	9.0
3.5	3.8	9.8	3.7	9.6
4.0	4.0	10.3	3.8	10.0
4.5	4.0	10.6	3.9	10.4
5.0	4.0	10.9	3.9	10.7
6.0	3.8	11.3	3.7	11.0
7.0	3.4	11.3	3.2	11.0
8.0	2.5	11.0	2.4	10.6
10.0	---	7.8	---	7.5
12.0	---	1.8	---	1.7

AP Ceiling for 1.0 Lux and 210 lm

H (m)	a	b	c	d
2.6	2.9	8.5	1.5	6.7
2.8	2.9	8.6	1.7	7.1
3.0	3.1	9.1	1.5	7.0
3.5	3.0	9.3	1.9	7.9
4.0	3.4	10.2	1.4	7.9
4.5	3.3	10.5	1.6	8.5
5.0	3.1	10.6	1.9	9.2
6.0	2.9	11.1	1.8	9.9
7.0	2.9	11.8	1.1	10.0
8.0	2.0	11.8	0.9	10.6
10.0	0.1	11.4	---	10.7
12.0	---	9.2	---	8.5

Distance tables: wall mounted



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ER Wall for 1.0 Lux and 210 lm

H (m)	a	b	c	d
1.4	2.3	6.1	2.2	5.5
1.6	2.3	6.2	2.2	5.6
1.8	2.3	6.2	2.1	5.7
2.0	2.2	6.2	2.1	5.7
2.2	2.1	6.1	2.1	5.7
2.4	1.9	6.0	2.0	5.7
2.6	1.7	5.8	1.9	5.6
2.8	1.5	5.6	1.8	5.6
3.0	---	4.3	1.7	5.5
3.5	---	---	1.2	5.1
4.0	---	---	0.4	4.6
4.5	---	---	---	3.1
5.0	---	---	---	1.7

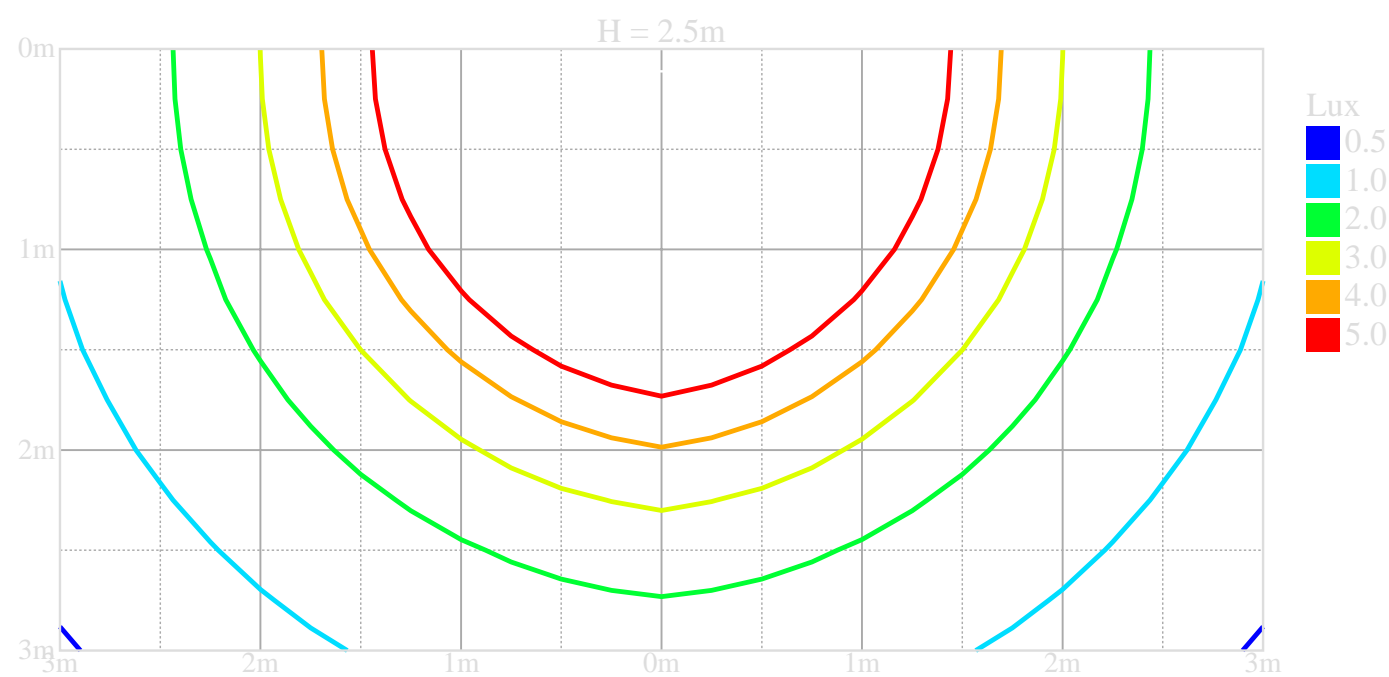
AP Wall for 0.5 Lux and 210 lm

H (m)	a	b	c	d
1.4	2.9	7.6	2.4	5.8
1.6	2.9	7.8	2.4	6.0
1.8	2.9	7.9	2.5	6.2
2.0	2.9	8.0	2.5	6.4
2.2	2.8	8.0	2.5	6.5
2.4	2.7	8.0	2.5	6.6
2.6	2.5	7.9	2.5	6.7
2.8	---	5.8	2.5	6.8
3.0	---	4.3	2.4	6.8
3.5	---	---	2.3	6.8
4.0	---	---	2.0	6.7
4.5	---	---	1.6	6.5
5.0	---	---	1.1	6.1
6.0	---	---	---	4.0
7.0	---	---	---	0.5

AP Wall for 1.0 Lux and 210 lm

H (m)	a	b	c	d
1.4	2.1	5.8	1.8	4.7
1.6	2.0	5.8	1.9	4.9
1.8	1.9	5.8	1.8	4.9
2.0	1.8	5.7	1.8	5.0
2.2	1.6	5.5	1.8	5.0
2.4	1.4	3.5	1.7	5.0
2.6	---	2.5	1.6	5.0
2.8	---	---	1.5	5.0
3.0	---	---	1.4	4.9
3.5	---	---	0.9	4.5
4.0	---	---	---	3.9
4.5	---	---	---	2.4
5.0	---	---	---	0.6

Isolux diagram - wall mounting



Dimensional drawing

