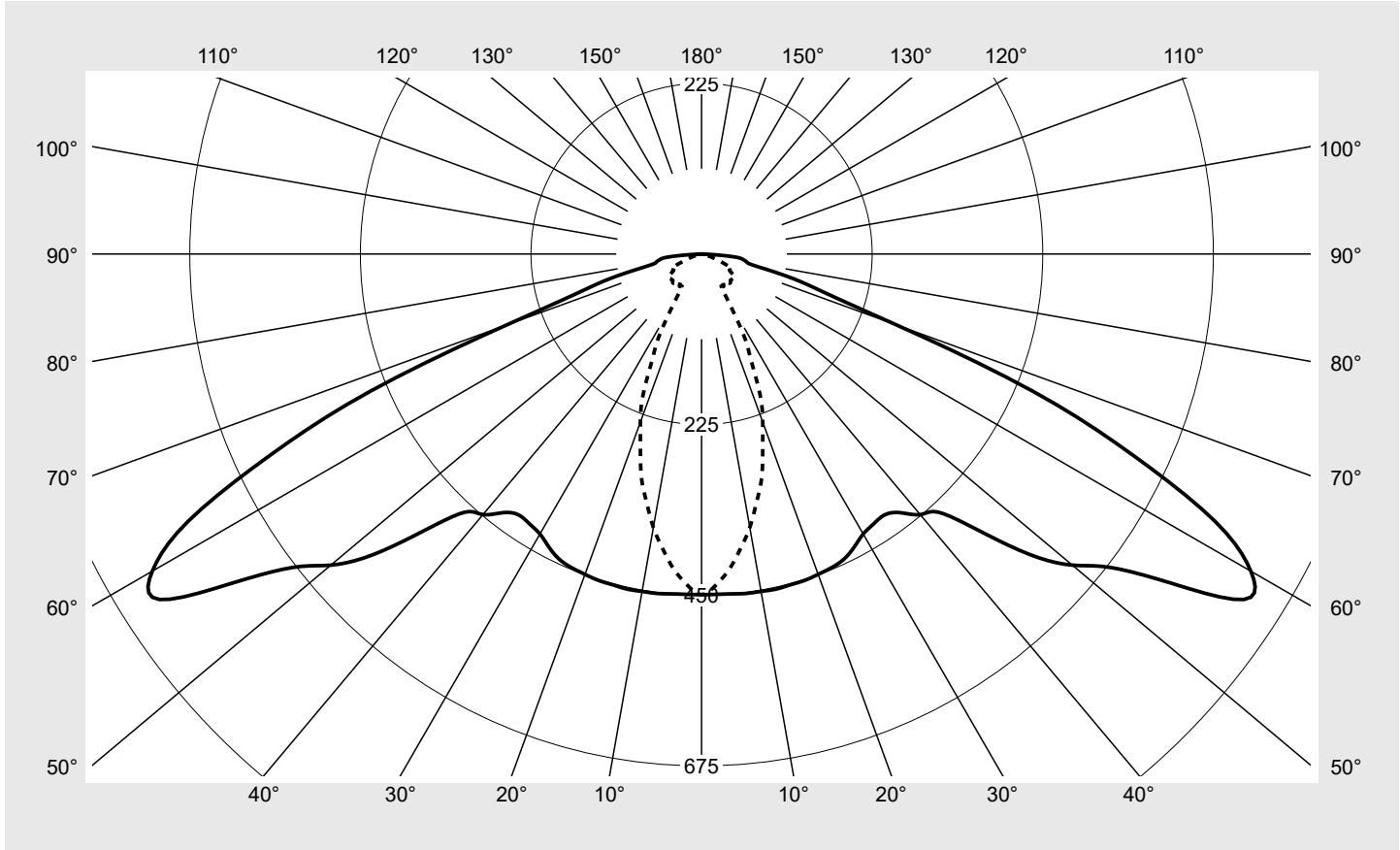


Photometric test report

Family Escape route lighting	Order number: 5SC33ACA9 EAN: 4069025400857	LP number 59810_2
	Version Escape route light, for wall and ceiling surface-mounting, lens, corridor lighting, symmetric distribution	serial documentation 08.07.2025
	Lamps LED 6000 K CRI ≥ 80	
	Controlgear ECG	
	Rated values Net luminous flux = 310 lm Power consumption = 3.0 W Luminous efficacy = 103.3 lm/W	

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 848 cd/klm**



Classifications	
DIN 5040	A 3 0
CIE	N1=41 N2=73 N3=96 N4=100 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	99.9%
ϕ_o	0.1%

Measurement conditions
 DIN EN 13032 and DIN 5032

Photometric test report

Family Escape route lighting	Order number: 5SC33ACA9 EAN: 4069025400857	LP number 59810_2
Table of values for luminous intensities		Maximum luminous intensity
		sITeco

C-planes γ	0° 180°	45° 135° 225° 315°		90° 270°	Phi-zone	Total Phi-zone
		Luminous intensity in cd/klm				
0,0°	449.2	449.2	449.2	449.2	0.7	0.7
2,5°	449.3	447.9	447.9	436.8	5.3	6.0
5,0°	449.9	434.1	434.1	417.6	10.4	16.4
7,5°	451.5	417.6	417.6	392.2	15.0	31.4
10,0°	451.8	399.6	399.6	366.2	19.2	50.6
12,5°	452.7	380.7	380.7	335.2	23.0	73.6
15,0°	451.7	360.9	360.9	306.1	26.2	99.9
17,5°	451.4	337.4	337.4	268.3	28.7	128.6
20,0°	449.6	317.1	317.1	235.9	30.9	159.5
22,5°	447.8	292.5	292.5	202.2	32.4	191.9
25,0°	444.1	264.6	264.6	154.2	32.7	224.6
27,5°	435.8	243.5	243.5	119.7	33.0	257.6
30,0°	426.4	213.6	213.6	61.0	31.3	288.9
32,5°	422.1	187.7	187.7	50.5	31.2	320.1
35,0°	420.2	151.0	151.0	50.9	30.4	350.5
37,5°	430.0	131.0	131.0	46.0	30.8	381.3
40,0°	448.7	81.0	81.0	48.9	29.1	410.4
42,5°	461.7	50.3	50.3	51.9	28.4	438.8
45,0°	514.2	51.3	51.3	53.7	32.5	471.3
47,5°	586.3	53.8	53.8	51.6	37.7	509.0
50,0°	638.4	44.9	44.9	52.2	41.0	549.9
52,5°	678.8	47.8	47.8	52.7	45.0	594.9
55,0°	757.4	49.8	49.8	54.3	51.2	646.1
57,5°	848.0	53.2	53.2	47.9	57.9	704.0
60,0°	836.5	55.0	55.0	42.6	58.7	762.7
62,5°	763.5	49.9	49.9	45.5	55.3	818.0
65,0°	627.8	44.0	44.0	41.6	47.1	865.0
67,5°	472.9	40.4	40.4	30.1	37.0	902.0
70,0°	273.7	42.1	42.1	19.7	24.3	926.3
72,5°	172.1	47.5	47.5	14.2	18.4	944.7
75,0°	124.5	52.2	52.2	8.2	15.7	960.4
77,5°	72.9	52.3	52.3	4.8	12.2	972.6
80,0°	60.4	46.3	46.3	3.3	10.6	983.1
82,5°	55.1	29.8	29.8	3.4	8.0	991.1
85,0°	42.5	17.4	17.4	5.1	5.6	996.8
87,5°	7.6	8.2	8.2	5.3	2.0	998.8
90,0°	1.6	1.3	1.3	2.9	0.5	999.3
92,5°	2.7	2.8	2.8	2.4	0.7	1000.0
95,0°	0.0	0.0	0.0	0.0	0.0	1000.0
97,5°	0.0	0.0	0.0	0.0	0.0	1000.0
100,0°	0.0	0.0	0.0	0.0	0.0	1000.0
102,5°	0.0	0.0	0.0	0.0	0.0	1000.0
105,0°	0.0	0.0	0.0	0.0	0.0	1000.0
107,5°	0.0	0.0	0.0	0.0	0.0	1000.0
110,0°	0.0	0.0	0.0	0.0	0.0	1000.0

Photometric test report

Family Escape route lighting	Order number: 5SC33ACA9 EAN: 4069025400857	LP number 59810_2
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Table of values for luminous intensities	Maximum luminous intensity	sITeco
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C-planes γ	0° 180°	45° 135° 225° 315°			90° 270°	Phi-zone	Total Phi-zone
		Luminous intensity in cd/klm					
112,5°	0.0				0.0	0.0	1000.0
115,0°	0.0				0.0	0.0	1000.0
117,5°	0.0				0.0	0.0	1000.0
120,0°	0.0				0.0	0.0	1000.0
122,5°	0.0				0.0	0.0	1000.0
125,0°	0.0				0.0	0.0	1000.0
127,5°	0.0				0.0	0.0	1000.0
130,0°	0.0				0.0	0.0	1000.0
132,5°	0.0				0.0	0.0	1000.0
135,0°	0.0				0.0	0.0	1000.0
137,5°	0.0				0.0	0.0	1000.0
140,0°	0.0				0.0	0.0	1000.0
142,5°	0.0				0.0	0.0	1000.0
145,0°	0.0				0.0	0.0	1000.0
147,5°	0.0				0.0	0.0	1000.0
150,0°	0.0				0.0	0.0	1000.0
152,5°	0.0				0.0	0.0	1000.0
155,0°	0.0				0.0	0.0	1000.0
157,5°	0.0				0.0	0.0	1000.0
160,0°	0.0				0.0	0.0	1000.0
162,5°	0.0				0.0	0.0	1000.0
165,0°	0.0				0.0	0.0	1000.0
167,5°	0.0				0.0	0.0	1000.0
170,0°	0.0				0.0	0.0	1000.0
172,5°	0.0				0.0	0.0	1000.0
175,0°	0.0				0.0	0.0	1000.0
177,5°	0.0				0.0	0.0	1000.0
180,0°	0.0				0.0	0.0	1000.0

Photometric test report

Family Escape route lighting	Order number: 5SC33ACA9 EAN: 4069025400857	LP number 59810_2
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UGR-Table	Standard room	siteco								
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Reflection factor of ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
Reflection factor of walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
Reflection factor of floor	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	View crosswise (C0)					View endwise (C90)					
x	y										
2H	2H	42.4	44.2	42.8	44.5	44.8	24.1	25.9	24.5	26.2	26.5
	3H	44.1	45.6	44.5	45.9	46.3	25.7	27.3	26.1	27.7	28.0
	4H	44.3	45.6	44.6	46.0	46.3	25.8	27.4	26.2	27.8	28.1
	6H	44.3	45.5	44.7	45.9	46.3	25.8	27.3	26.2	27.7	28.1
	8H	44.5	45.5	44.9	45.9	46.3	25.8	27.3	26.2	27.6	28.0
	12H	44.5	45.4	44.9	45.8	46.2	25.8	27.2	26.2	27.6	28.0
4H	2H	42.2	43.8	42.6	44.1	44.5	29.2	30.6	29.6	30.9	31.3
	3H	43.8	45.1	44.3	45.5	45.9	29.7	30.9	30.1	31.2	31.7
	4H	44.1	45.2	44.5	45.6	46.0	29.8	31.0	30.3	31.4	31.8
	6H	44.2	45.1	44.6	45.5	46.0	29.8	30.9	30.3	31.3	31.8
	8H	44.3	45.1	44.7	45.5	46.0	29.8	30.8	30.3	31.2	31.7
	12H	44.4	45.0	44.8	45.5	46.0	29.8	30.7	30.3	31.2	31.7
8H	4H	43.9	44.9	44.4	45.3	45.8	31.5	32.3	31.9	32.7	33.2
	6H	44.1	44.8	44.6	45.3	45.8	31.8	32.5	32.3	33.0	33.5
	8H	44.1	44.8	44.6	45.3	45.8	31.8	32.5	32.3	33.0	33.5
	12H	44.3	44.8	44.8	45.3	45.8	31.8	32.4	32.3	32.9	33.4
12H	4H	43.9	44.8	44.4	45.3	45.7	31.7	32.4	32.2	32.9	33.4
	6H	44.0	44.7	44.5	45.2	45.7	32.2	32.7	32.7	33.2	33.8
	8H	44.1	44.7	44.6	45.2	45.7	32.2	32.8	32.8	33.3	33.8

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 10 B = 10	H(C0) = 5 H(C90) = 5	H(C180) = 5 H(C270) = 5
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C-planes	0° 180°	45° 135° 225° 315°	90° 270°
γ	Luminance in cd/m ²		
45,0°	1502897.4	131667.7	156885.1
50,0°	1929198.1	117583.9	157630.7
55,0°	2388080.3	133809.3	171252.4
60,0°	2779442.8	153407.0	141607.9
65,0°	2222311.9	128340.4	147376.8
70,0°	1044944.4	129635.5	75248.5
75,0°	520330.4	171942.5	34252.1
80,0°	281207.6	165127.9	15214.9
85,0°	225338.7	68236.9	26966.3

Photometric test report

Family Escape route lighting	Order number: 5SC33ACA9 EAN: 4069025400857	LP number 59810_2
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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**

