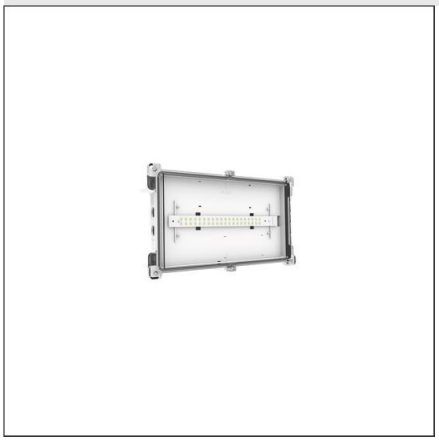
Photometric test report

Family
Escape route lighting



Order number: 5SL13SCH1
EAN: 4069025401021

Version	Escape route light, for recessed ceiling mounting, lens, symmetric distribution
Lamps	LED 6000 K | CRI ≥ 80
Controlgear	ECG
Rated values	Net luminous flux = 590 lm Power consumption = 6.0 W Luminous efficacy = 98.3 lm/W

LP number
59816_1

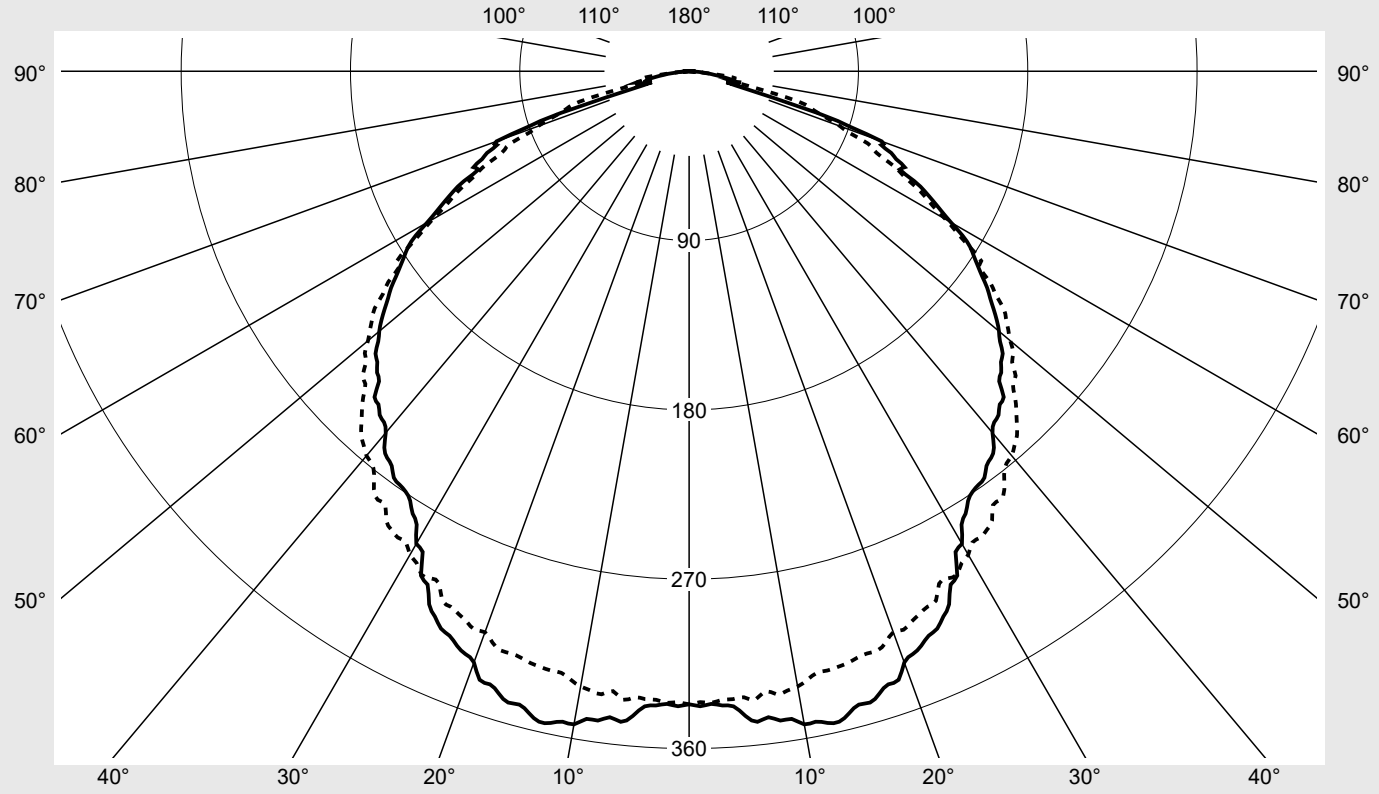
serial documentation
08.07.2025

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Luminous intensity in cd/klm

C180-0 C270-90

Imax: 355 cd/klm



Classifications

DIN 5040	A 4 0
CIE	N1=48 N2=81 N3=98 N4=100 N5=100

Luminaire light output ratios

ηLB	100.0%
ϕ_u	100.0%
ϕ_o	0.0%

Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family	Order number: 5SL13SCH1	LP number
Escape route lighting	**EAN: 4069025401021**	**59816_1**

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Table of values for luminous intensities

Maximum luminous intensity

C-planes	0° 180°	45° 135° 225° 315°	90° 270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm			Luminous flux in lm/klm	
0°	336.5	336.5	336.5	0.1	0.1
1°	337.6	336.5	335.4	0.6	0.7
2°	336.5	335.4	335.9	1.3	2.0
3°	337.6	340.3	334.6	1.9	4.0
4°	338.4	338.0	334.6	2.6	6.5
5°	344.0	340.3	334.0	3.2	9.8
6°	347.7	344.4	335.9	3.9	13.7
7°	345.9	348.1	332.0	4.6	18.3
8°	348.5	350.9	334.4	5.3	23.6
9°	348.5	349.4	333.3	5.9	29.5
10°	352.5	354.6	332.1	6.6	36.1
11°	352.2	346.6	329.5	7.2	43.3
12°	354.1	353.0	326.9	7.9	51.2
13°	354.8	348.1	326.9	8.5	59.7
14°	351.7	350.9	326.3	9.2	68.9
15°	348.5	348.1	325.7	9.7	78.6
16°	349.1	350.9	324.3	10.4	89.0
17°	345.9	350.9	323.6	11.0	100.0
18°	342.6	350.9	323.7	11.6	111.6
19°	342.1	350.9	321.1	12.2	123.8
20°	334.4	346.6	317.3	12.6	136.4
21°	331.8	346.6	318.0	13.2	149.6
22°	329.4	340.3	315.5	13.6	163.2
23°	325.9	338.0	313.5	14.1	177.3
24°	324.3	333.9	311.6	14.5	191.8
25°	319.8	333.9	310.5	15.0	206.9
26°	315.3	327.4	303.1	15.3	222.2
27°	306.2	323.6	302.5	15.6	237.8
28°	303.6	318.4	303.1	16.0	253.8
29°	292.1	316.1	298.8	16.3	270.0
30°	290.1	316.1	296.8	16.7	286.8
31°	281.2	302.9	292.2	16.7	303.4
32°	277.3	302.9	292.2	17.1	320.5
33°	272.3	300.6	290.6	17.4	337.9
34°	269.5	301.7	288.0	17.8	355.7
35°	268.3	291.6	281.6	17.8	373.5
36°	267.0	289.0	281.6	18.2	391.6
37°	262.7	285.1	278.4	18.3	410.0
38°	260.7	276.1	272.0	18.3	428.3
39°	257.5	269.6	268.1	18.4	446.6
40°	250.9	263.2	266.8	18.4	465.0
41°	247.2	252.7	263.6	18.3	483.3
42°	245.8	247.7	260.5	18.4	501.7
43°	242.1	245.1	255.4	18.5	520.2
44°	240.8	242.4	250.3	18.6	538.8

Photometric test report

Family	Order number: 5SL13SCH1	LP number
Escape route lighting	**EAN: 4069025401021**	**59816_1**

siteco

Table of values for luminous intensities

Maximum luminous intensity

C-planes	0° 180°	45° 135° 225° 315°	90° 270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm			Luminous flux in lm/klm	
45°	233.1	238.7	245.0	18.5	557.3
46°	230.6	236.0	239.2	18.6	575.8
47°	226.6	226.9	237.3	18.4	594.3
48°	224.3	224.3	231.0	18.4	612.7
49°	219.0	222.0	228.4	18.4	631.1
50°	215.0	215.7	222.8	18.3	649.4
51°	210.5	214.2	218.3	18.3	667.6
52°	205.4	208.8	213.8	18.1	685.7
53°	200.4	203.9	209.3	17.9	703.6
54°	195.8	193.8	201.0	17.4	721.0
55°	190.2	191.0	195.1	17.2	738.2
56°	185.2	186.9	185.7	16.9	755.2
57°	180.5	183.1	185.2	16.8	772.0
58°	176.1	171.9	175.3	16.2	788.2
59°	169.5	165.0	165.8	15.6	803.8
60°	160.8	160.1	157.5	15.2	818.9
61°	153.4	154.9	148.6	14.7	833.6
62°	146.9	142.0	142.2	13.9	847.5
63°	140.6	138.2	135.0	13.5	861.0
64°	133.1	135.6	126.8	13.1	874.1
65°	123.5	123.8	121.2	12.2	886.3
66°	125.4	122.7	112.0	12.1	898.4
67°	119.6	116.3	106.4	11.6	910.0
68°	115.9	111.1	102.4	11.2	921.2
69°	109.4	99.3	91.1	10.2	931.4
70°	109.0	97.1	85.5	10.0	941.4
71°	90.0	90.7	78.9	9.1	950.5
72°	71.5	89.2	72.4	8.4	958.9
73°	25.2	82.7	68.1	6.8	965.6
74°	24.8	86.4	64.2	6.9	972.5
75°	25.3	78.9	53.4	6.3	978.8
76°	24.7	53.3	33.6	4.4	983.2
77°	21.4	19.6	24.5	2.3	985.5
78°	22.2	27.3	28.5	2.8	988.3
79°	22.2	23.4	24.5	2.5	990.8
80°	19.0	19.6	24.0	2.2	993.0
81°	16.3	14.4	24.5	1.9	994.9
82°	13.1	10.5	23.3	1.6	996.5
83°	11.2	10.5	16.3	1.3	997.8
84°	7.4	5.3	10.0	0.8	998.5
85°	6.7	4.1	5.5	0.6	999.1
86°	5.2	1.5	3.0	0.3	999.4
87°	1.6	1.5	1.6	0.2	999.6
88°	3.4	1.5	2.2	0.2	999.8
89°	1.5	0.4	1.0	0.1	999.9

Photometric test report

Family	Order number: 5SL13SCH1	LP number
Escape route lighting	**EAN: 4069025401021**	**59816_1**

siteco

Table of values for luminous intensities

Maximum luminous intensity

C-planes	0° 180°	45° 135° 225° 315°	90° 270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm			Luminous flux in lm/klm	
90°	1.5	0.4	1.0	0.1	1000.0
91°	0.0	0.0	0.0	0.0	1000.0
92°	0.0	0.0	0.0	0.0	1000.0
93°	0.0	0.0	0.0	0.0	1000.0
94°	0.0	0.0	0.0	0.0	1000.0
95°	0.0	0.0	0.0	0.0	1000.0
96°	0.0	0.0	0.0	0.0	1000.0
97°	0.0	0.0	0.0	0.0	1000.0
98°	0.0	0.0	0.0	0.0	1000.0
99°	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	1000.0
101°	0.0	0.0	0.0	0.0	1000.0
102°	0.0	0.0	0.0	0.0	1000.0
103°	0.0	0.0	0.0	0.0	1000.0
104°	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	1000.0
106°	0.0	0.0	0.0	0.0	1000.0
107°	0.0	0.0	0.0	0.0	1000.0
108°	0.0	0.0	0.0	0.0	1000.0
109°	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	1000.0
111°	0.0	0.0	0.0	0.0	1000.0
112°	0.0	0.0	0.0	0.0	1000.0
113°	0.0	0.0	0.0	0.0	1000.0
114°	0.0	0.0	0.0	0.0	1000.0
115°	0.0	0.0	0.0	0.0	1000.0
116°	0.0	0.0	0.0	0.0	1000.0
117°	0.0	0.0	0.0	0.0	1000.0
118°	0.0	0.0	0.0	0.0	1000.0
119°	0.0	0.0	0.0	0.0	1000.0
120°	0.0	0.0	0.0	0.0	1000.0
121°	0.0	0.0	0.0	0.0	1000.0
122°	0.0	0.0	0.0	0.0	1000.0
123°	0.0	0.0	0.0	0.0	1000.0
124°	0.0	0.0	0.0	0.0	1000.0
125°	0.0	0.0	0.0	0.0	1000.0
126°	0.0	0.0	0.0	0.0	1000.0
127°	0.0	0.0	0.0	0.0	1000.0
128°	0.0	0.0	0.0	0.0	1000.0
129°	0.0	0.0	0.0	0.0	1000.0
130°	0.0	0.0	0.0	0.0	1000.0
131°	0.0	0.0	0.0	0.0	1000.0
132°	0.0	0.0	0.0	0.0	1000.0
133°	0.0	0.0	0.0	0.0	1000.0
134°	0.0	0.0	0.0	0.0	1000.0

Photometric test report

Family	Order number: 5SL13SCH1	LP number
Escape route lighting	EAN: 4069025401021	59816_1

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Table of values for luminous intensities

Maximum luminous intensity

C-planes	0° 180°	45° 135° 225° 315°	90° 270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm			Luminous flux in lm/klm	
135°	0.0	0.0	0.0	0.0	1000.0
136°	0.0	0.0	0.0	0.0	1000.0
137°	0.0	0.0	0.0	0.0	1000.0
138°	0.0	0.0	0.0	0.0	1000.0
139°	0.0	0.0	0.0	0.0	1000.0
140°	0.0	0.0	0.0	0.0	1000.0
141°	0.0	0.0	0.0	0.0	1000.0
142°	0.0	0.0	0.0	0.0	1000.0
143°	0.0	0.0	0.0	0.0	1000.0
144°	0.0	0.0	0.0	0.0	1000.0
145°	0.0	0.0	0.0	0.0	1000.0
146°	0.0	0.0	0.0	0.0	1000.0
147°	0.0	0.0	0.0	0.0	1000.0
148°	0.0	0.0	0.0	0.0	1000.0
149°	0.0	0.0	0.0	0.0	1000.0
150°	0.0	0.0	0.0	0.0	1000.0
151°	0.0	0.0	0.0	0.0	1000.0
152°	0.0	0.0	0.0	0.0	1000.0
153°	0.0	0.0	0.0	0.0	1000.0
154°	0.0	0.0	0.0	0.0	1000.0
155°	0.0	0.0	0.0	0.0	1000.0
156°	0.0	0.0	0.0	0.0	1000.0
157°	0.0	0.0	0.0	0.0	1000.0
158°	0.0	0.0	0.0	0.0	1000.0
159°	0.0	0.0	0.0	0.0	1000.0
160°	0.0	0.0	0.0	0.0	1000.0
161°	0.0	0.0	0.0	0.0	1000.0
162°	0.0	0.0	0.0	0.0	1000.0
163°	0.0	0.0	0.0	0.0	1000.0
164°	0.0	0.0	0.0	0.0	1000.0
165°	0.0	0.0	0.0	0.0	1000.0
166°	0.0	0.0	0.0	0.0	1000.0
167°	0.0	0.0	0.0	0.0	1000.0
168°	0.0	0.0	0.0	0.0	1000.0
169°	0.0	0.0	0.0	0.0	1000.0
170°	0.0	0.0	0.0	0.0	1000.0
171°	0.0	0.0	0.0	0.0	1000.0
172°	0.0	0.0	0.0	0.0	1000.0
173°	0.0	0.0	0.0	0.0	1000.0
174°	0.0	0.0	0.0	0.0	1000.0
175°	0.0	0.0	0.0	0.0	1000.0
176°	0.0	0.0	0.0	0.0	1000.0
177°	0.0	0.0	0.0	0.0	1000.0
178°	0.0	0.0	0.0	0.0	1000.0
179°	0.0	0.0	0.0	0.0	1000.0
180°	0.0	0.0	0.0	0.0	1000.0

Photometric test report

Family	Order number: 5SL13SCH1	LP number
Escape route lighting	**EAN: 4069025401021**	**59816_1**

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UGR-Table

Standard room

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	20.2	21.9	20.5	22.2	22.5	20.2	21.9	20.6	22.2	22.5
	3H	21.8	23.3	22.2	23.7	24.0	21.5	23.1	21.9	23.4	23.7
	4H	21.9	23.4	22.3	23.7	24.1	22.0	23.4	22.4	23.8	24.1
	6H	22.0	23.3	22.4	23.7	24.1	22.1	23.4	22.5	23.8	24.2
	8H	22.1	23.3	22.5	23.7	24.1	22.3	23.5	22.7	23.8	24.2
	12H	22.1	23.2	22.5	23.6	24.0	22.3	23.4	22.7	23.8	24.2
4H	2H	20.9	22.4	21.3	22.7	23.1	21.0	22.4	21.3	22.7	23.1
	3H	22.8	23.9	23.2	24.3	24.7	22.5	23.7	23.0	24.1	24.5
	4H	23.0	24.0	23.4	24.4	24.9	23.1	24.2	23.6	24.6	25.0
	6H	23.1	24.0	23.5	24.4	24.9	23.3	24.2	23.7	24.6	25.1
	8H	23.1	24.0	23.6	24.4	24.9	23.4	24.3	23.9	24.7	25.2
	12H	23.2	23.9	23.6	24.4	24.8	23.5	24.2	23.9	24.7	25.1
8H	4H	23.2	24.1	23.7	24.5	25.0	23.4	24.2	23.8	24.7	25.1
	6H	23.4	24.1	23.9	24.6	25.1	23.6	24.3	24.1	24.7	25.2
	8H	23.4	24.1	23.9	24.5	25.1	23.7	24.3	24.2	24.8	25.3
	12H	23.5	24.0	24.0	24.5	25.0	23.8	24.3	24.3	24.8	25.3
12H	4H	23.3	24.0	23.7	24.5	25.0	23.4	24.1	23.9	24.6	25.1
	6H	23.4	24.0	23.9	24.5	25.0	23.6	24.2	24.1	24.7	25.2
	8H	23.5	24.0	24.0	24.5	25.0	23.7	24.3	24.3	24.8	25.3

Luminance table

Max. for $\gamma >= 65°$

Photometric dimensions in mm: L = 304, B = 70

C-planes	0° 180°	45° 135° 225° 315°	90° 270°
γ	Luminance in cd/m²		
45°	9139.2	9359.4	9606.3
50°	9274.0	9303.5	9610.7
55°	9194.8	9234.5	9433.1
60°	8915.2	8877.2	8732.9
65°	8103.8	8121.8	7951.1
70°	8836.8	7870.9	6927.3
75°	2714.0	8450.0	5721.4
80°	3039.4	3126.7	3826.5
85°	2134.6	1306.8	1742.6

Photometric test report

Family	Order number: 5SL13SCH1	LP number
Escape route lighting	**EAN: 4069025401021**	**59816_1**

Luminance values in cd/m²

γ 65° γ 70° γ 75° γ 80° γ 85°

serial

