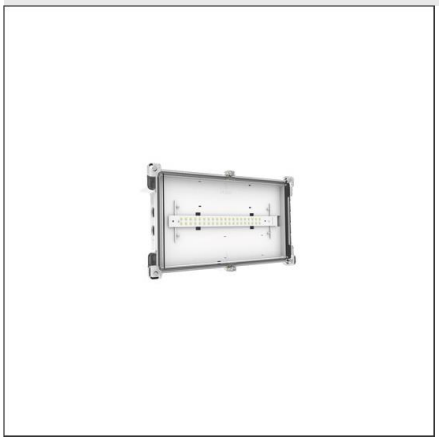
Lichttechnischer Prüfbefund

Familie
Escape route lighting



Bestell-Nr.: 5SL13SCH1
EAN: 4069025401021

Ausführung	Fluchtwegleuchte, für Deckeneinbau, Linse, symmetrisch strahlend
Bestückung	LED 6000 K | CRI ≥ 80
Betriebsgerät	EVG
Bemessungswerte	Nettolichtstrom = 590 lm Systemleistung = 6.0 W Lichtausbeute = 98.3 lm/W

LP-Nummer
59816_1

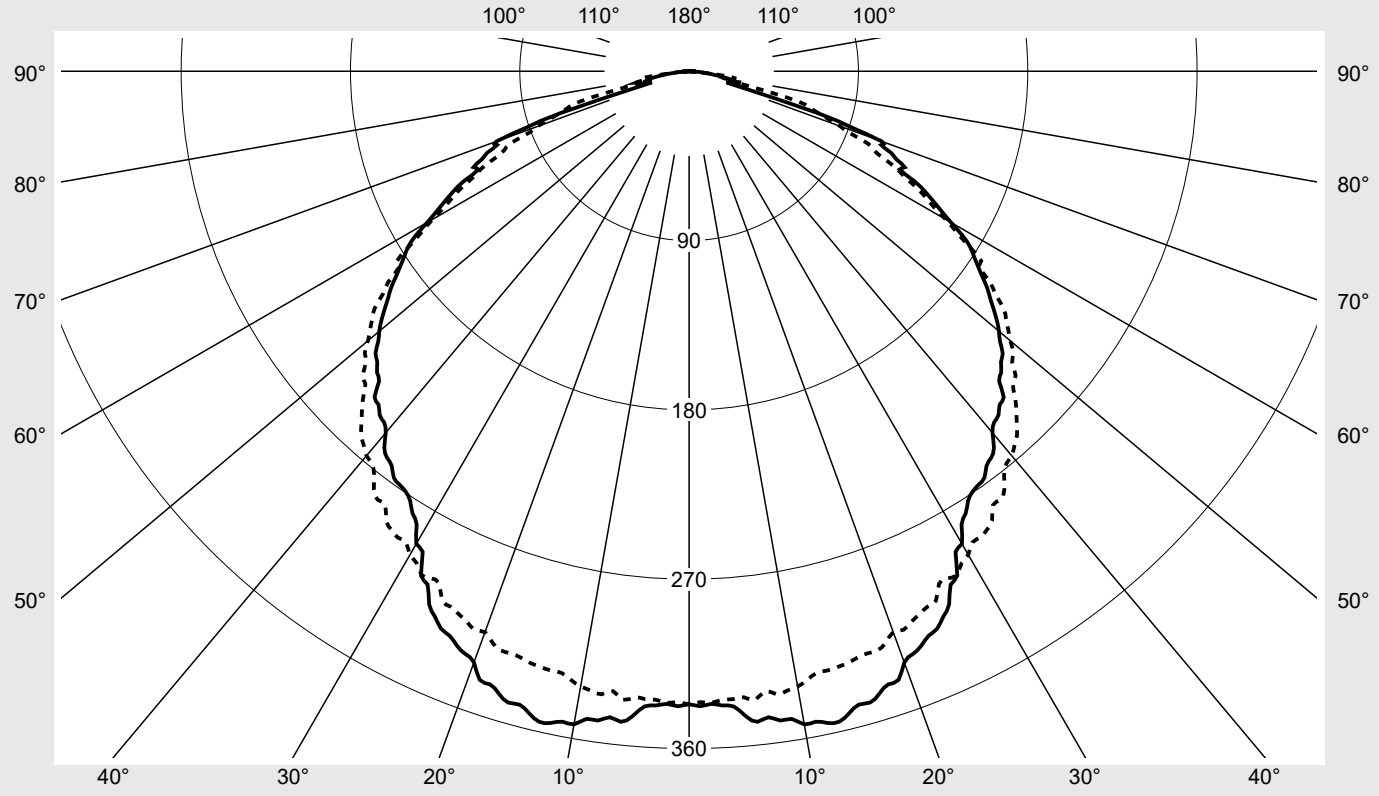
Seriendokumentation
08.07.2025

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Lichtstärke in cd/klm

C180-0 C270-90

Imax: 355 cd/klm



Klassifizierungen

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

Leuchtenbetriebswirkungsgrade

ηLB	100,0%
ϕ_u	100,0%
ϕ_o	0,0%

Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie	Bestell-Nr.: 5SL13SCH1	LP-Nummer
Escape route lighting	**EAN: 4069025401021**	**59816_1**

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Wertetabelle Lichtstärkemessung

Maximale Lichtstärke

C-Ebenen	0° 180°	45° 135° 225° 315°	90° 270°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm			Lichtstrom 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

Lichttechnischer Prüfbefund

Familie	Bestell-Nr.: 5SL13SCH1	LP-Nummer
Escape route lighting	**EAN: 4069025401021**	**59816_1**

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Wertetabelle Lichtstärkemessung

Maximale Lichtstärke

C-Ebenen	0° 180°	45° 135° 225° 315°	90° 270°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm			Lichtstrom 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**

Lichttechnischer Prüfbefund

Familie	Bestell-Nr.: 5SL13SCH1	LP-Nummer
Escape route lighting	**EAN: 4069025401021**	**59816_1**

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Wertetabelle Lichtstärkemessung

Maximale Lichtstärke

C-Ebenen	0° 180°	45° 135° 225° 315°	90° 270°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm			Lichtstrom 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

Lichttechnischer Prüfbefund

Familie	Bestell-Nr.: 5SL13SCH1	LP-Nummer
Escape route lighting	**EAN: 4069025401021**	**59816_1**

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Wertetabelle Lichtstärkemessung

Maximale Lichtstärke

C-Ebenen γ	0° 180°	45° 135° 225° 315°	90° 270°	Phi-Zone	Summe Phi-Zone
	Lichtstärke in cd/klm			Lichtstrom 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

Lichttechnischer Prüfbefund

Familie	Bestell-Nr.: 5SL13SCH1	LP-Nummer
Escape route lighting	**EAN: 4069025401021**	**59816_1**

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UGR-Tabelle

Standardraum

Reflexionsgrad Decke		0,7	0,7	0,5	0,5	0,3	0,7	0,7	0,5	0,5	0,3
Reflexionsgrad Wände		0,5	0,3	0,5	0,3	0,3	0,5	0,3	0,5	0,3	0,3
Reflexionsgrad Boden		0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (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

Leuchtdichten-Tabelle

Max. für $\gamma >= 65°$

Lichttechnische Abmessungen in mm: L = 304, B = 70

C-Ebenen	0° 180°	45° 135° 225° 315°	90° 270°
γ	Leuchtdichte 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

Lichttechnischer Prüfbefund

Familie	Bestell-Nr.: 5SL13SCH1	LP-Nummer
Escape route lighting	**EAN: 4069025401021**	**59816_1**

Leuchtdichten in cd/m²

γ 65° γ 70° γ 75° γ 80° γ 85°

Seriendokumentation

