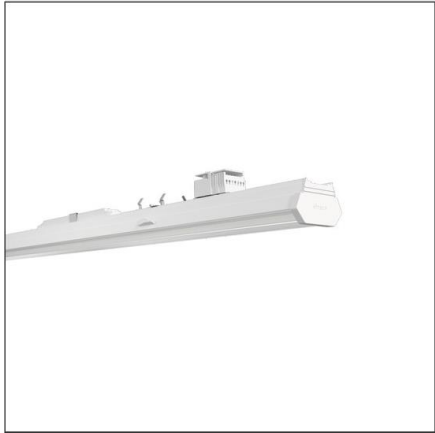
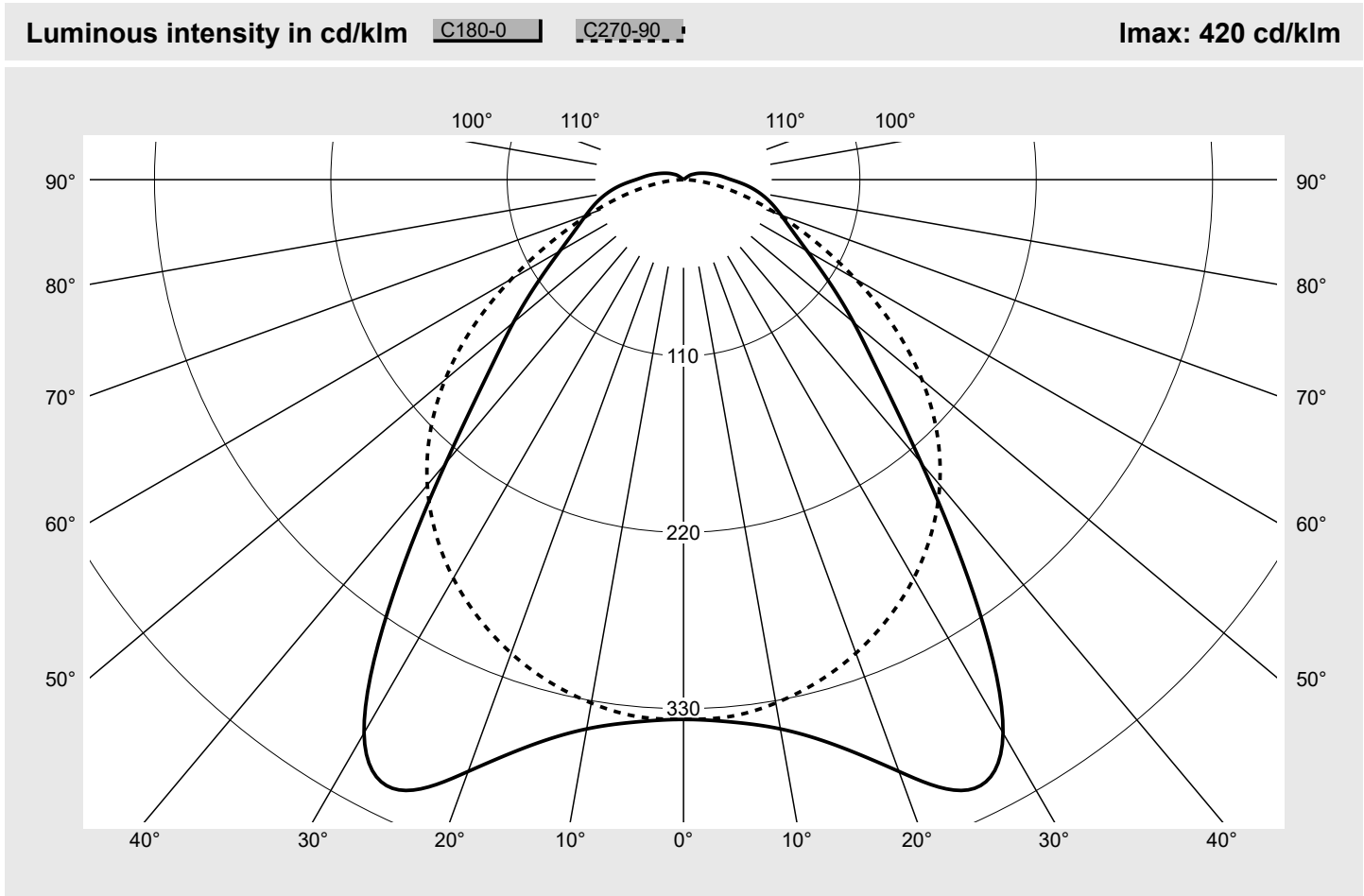


Photometric test report

Family Licross® 11 Protected	Order number: 51TD1BDN68XG3S EAN: 4069025127679	LP number 58522_270
	Version	prismatic cover, frosted, wide distribution
	Lamps	LED 6500 K CRI ≥ 80
	Controlgear	ECG-DALI
	Setting	emergency light operation: 3 h
	Rated values	Net luminous flux = 900 lm Power consumption = 6.8 W Luminous efficacy = 132.4 lm/W
		serial documentation 17.05.2024
		siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 4 1	η_{LB}	100.0%
CIE	N1=54 N2=82 N3=95	ϕ_u	96.8%
	N4=97 N5=100	ϕ_o	3.2%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® 11 Protected	Order number: 51TD1BDN68XG3S EAN: 4069025127679	LP number 58522_270
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm							Luminous flux in lm/klm	
0°	336.7	336.7	336.7	336.7	336.7	336.7	336.7	2.0	2.0
5°	339.6	338.6	335.9	336.3	336.9	336.0	336.1	16.1	18.1
10°	347.9	347.0	341.3	338.0	335.2	332.1	331.5	32.3	50.4
15°	365.1	363.4	352.6	343.0	333.9	326.3	324.2	48.8	99.2
20°	392.9	389.6	370.2	350.5	332.5	318.7	314.4	66.1	165.3
25°	420.1	417.2	393.2	361.7	330.8	309.3	301.9	83.9	249.2
30°	398.6	403.0	395.6	369.9	329.0	297.6	287.2	97.7	346.8
35°	315.4	327.2	346.9	353.5	322.7	283.2	269.5	100.9	447.7
40°	230.7	242.3	270.7	302.4	300.6	265.5	248.6	95.2	542.9
45°	173.9	182.1	205.6	239.8	258.3	240.0	223.6	85.6	628.5
50°	138.5	144.5	161.6	188.3	208.7	204.6	194.1	75.2	703.7
55°	110.6	115.5	130.2	150.3	164.6	163.9	160.4	64.4	768.0
60°	89.1	92.4	103.6	120.9	128.5	124.9	123.9	53.5	821.6
65°	74.6	76.3	82.5	95.4	99.4	91.8	89.8	43.7	865.3
70°	64.8	65.1	66.4	73.4	75.2	65.0	61.7	35.1	900.3
75°	56.7	56.1	54.1	55.3	54.0	43.4	39.3	27.4	927.8
80°	48.3	47.2	43.9	40.6	36.4	26.8	21.9	20.7	948.5
85°	39.1	38.0	34.5	29.4	22.9	14.4	9.1	14.9	963.3
90°	29.8	28.8	25.7	20.2	13.1	5.8	0.8	9.9	973.3
95°	24.0	23.5	21.4	16.6	9.9	3.5	0.7	7.9	981.2
100°	19.2	18.8	17.3	13.3	7.4	1.9	0.6	6.2	987.4
105°	15.1	14.8	13.6	10.2	5.0	0.8	0.6	4.6	992.0
110°	11.8	11.3	10.2	7.3	2.9	0.6	0.6	3.3	995.3
115°	9.0	8.5	7.3	4.7	1.4	0.7	0.7	2.3	997.6
120°	6.6	6.1	4.9	2.7	0.8	0.7	0.7	1.5	999.1
125°	4.4	4.0	2.9	1.3	0.7	0.8	0.8	0.9	1000.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

Photometric test report

Family Licross® 11 Protected	Order number: 51TD1BDN68XG3S EAN: 4069025127679	LP number 58522_270
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UGR-Table		Standard room							siteco		
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	12.8	14.4	13.2	14.8	15.1	14.7	16.3	15.0	16.6	16.9
	3H	14.0	15.4	14.3	15.8	16.1	15.7	17.2	16.1	17.5	17.9
	4H	14.7	16.1	15.1	16.4	16.8	16.1	17.4	16.5	17.8	18.2
	6H	15.4	16.7	15.8	17.1	17.5	16.3	17.6	16.7	17.9	18.3
	8H	15.8	17.0	16.3	17.4	17.8	16.4	17.6	16.8	18.0	18.4
	12H	16.2	17.4	16.7	17.7	18.2	16.5	17.6	16.9	18.0	18.4
4H	2H	13.7	15.0	14.0	15.4	15.8	15.1	16.5	15.5	16.9	17.2
	3H	15.0	16.2	15.4	16.6	17.0	16.4	17.6	16.8	18.0	18.4
	4H	15.8	16.9	16.2	17.3	17.7	16.9	18.0	17.3	18.4	18.8
	6H	16.7	17.6	17.2	18.1	18.5	17.3	18.2	17.7	18.6	19.1
	8H	17.2	18.0	17.6	18.5	19.0	17.4	18.2	17.8	18.7	19.2
	12H	17.7	18.4	18.2	18.9	19.4	17.5	18.2	18.0	18.7	19.2
8H	4H	16.2	17.1	16.7	17.5	18.0	17.2	18.0	17.6	18.5	18.9
	6H	17.3	18.0	17.8	18.5	19.0	17.7	18.4	18.2	18.9	19.4
	8H	17.9	18.5	18.4	19.0	19.5	17.9	18.5	18.4	19.0	19.5
	12H	18.5	19.1	19.0	19.6	20.1	18.1	18.6	18.6	19.1	19.6
12H	4H	16.3	17.1	16.8	17.5	18.0	17.2	18.0	17.7	18.5	18.9
	6H	17.4	18.1	17.9	18.5	19.1	17.8	18.4	18.3	18.9	19.4
	8H	18.1	18.6	18.6	19.1	19.7	18.1	18.6	18.6	19.1	19.7

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:	L = 1480 B = 78	H(C0) = 13 H(C90) = 0	H(C180) = 13 H(C270) = 0
C- planes	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
γ	Luminance in cd/m²						
45°	1643.2	1729.5	1980.8	2365.1	2628.4	2536.5	2465.5
50°	1401.2	1470.2	1672.5	2002.8	2302.5	2360.7	2354.5
55°	1213.9	1276.3	1467.7	1748.7	1999.7	2098.5	2179.8
60°	1078.5	1126.7	1292.3	1565.2	1751.0	1811.9	1932.6
65°	1014.3	1046.7	1162.0	1405.4	1556.2	1550.6	1657.0
70°	1012.5	1029.6	1084.4	1264.3	1394.6	1325.2	1406.4
75°	1052.2	1056.5	1059.1	1156.0	1241.8	1125.5	1183.2
80°	1114.4	1108.6	1084.3	1091.8	1109.2	967.2	981.6
85°	1203.0	1196.5	1163.8	1121.0	1050.4	860.3	816.0

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Family
Licross® 11 Protected

Order number: 51TD1BDN68XG3S
EAN: 4069025127679

LP number
58522_270

Luminance values in cd/m²

γ 65°

γ 70°

γ 75°

γ 80°

γ 85°

siteco

