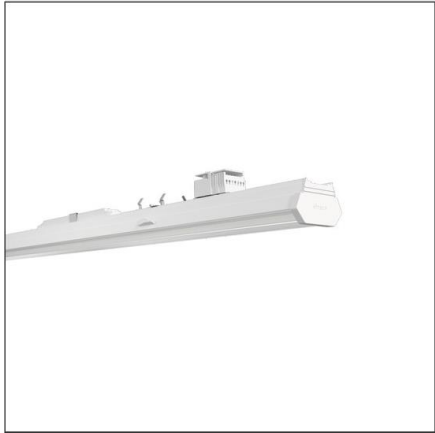
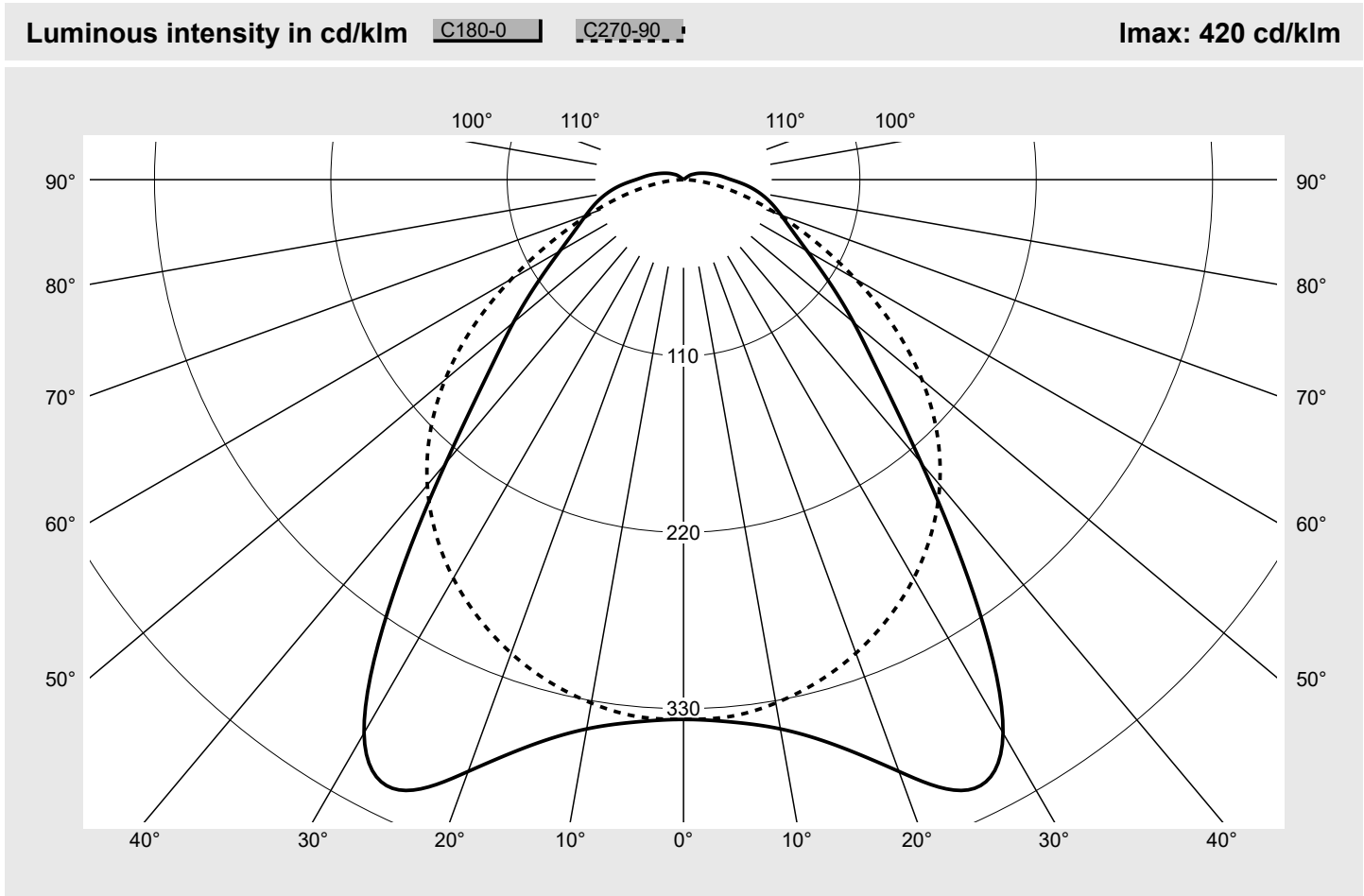


Photometric test report

Family Licross® 11 Protected	Order number: 51TD1BDN68XG3S EAN: 4069025127679	LP number 58522_269
	Version	prismatic cover, frosted, wide distribution
	Lamps	LED 6500 K CRI ≥ 80
	Controlgear	ECG-DALI
	Setting	AC-mode
	Rated values	Net luminous flux = 8310 lm Power consumption = 55.1 W Luminous efficacy = 150.8 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_269
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_269
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	20.5	22.2	20.9	22.5	22.8	22.4	24.0	22.8	24.3	24.7
	3H	21.7	23.2	22.1	23.5	23.9	23.4	24.9	23.8	25.2	25.6
	4H	22.4	23.8	22.8	24.1	24.5	23.8	25.2	24.2	25.5	25.9
	6H	23.1	24.4	23.6	24.8	25.2	24.0	25.3	24.4	25.7	26.1
	8H	23.6	24.8	24.0	25.1	25.5	24.1	25.3	24.6	25.7	26.1
	12H	23.9	25.1	24.4	25.5	25.9	24.2	25.3	24.6	25.7	26.1
4H	2H	21.4	22.8	21.8	23.1	23.5	22.8	24.2	23.2	24.6	25.0
	3H	22.7	23.9	23.1	24.3	24.7	24.1	25.3	24.5	25.7	26.1
	4H	23.5	24.6	24.0	25.0	25.4	24.6	25.7	25.1	26.1	26.5
	6H	24.4	25.4	24.9	25.8	26.3	25.0	25.9	25.4	26.3	26.8
	8H	24.9	25.8	25.4	26.2	26.7	25.1	26.0	25.6	26.4	26.9
	12H	25.4	26.2	25.9	26.6	27.1	25.2	26.0	25.7	26.4	26.9
8H	4H	23.9	24.8	24.4	25.2	25.7	24.9	25.8	25.4	26.2	26.7
	6H	25.0	25.7	25.5	26.2	26.7	25.4	26.1	25.9	26.6	27.1
	8H	25.6	26.3	26.1	26.7	27.3	25.6	26.3	26.1	26.7	27.3
	12H	26.3	26.8	26.8	27.3	27.8	25.8	26.3	26.3	26.8	27.4
12H	4H	24.0	24.8	24.5	25.2	25.7	25.0	25.7	25.4	26.2	26.7
	6H	25.2	25.8	25.7	26.3	26.8	25.5	26.2	26.0	26.6	27.2
	8H	25.8	26.4	26.3	26.8	27.4	25.8	26.3	26.3	26.8	27.4

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°	15171.9	15968.7	18289.4	21838.2	24268.5	23420.2	22764.9
50°	12938.1	13574.4	15443.0	18492.1	21259.5	21797.4	21739.7
55°	11208.0	11784.6	13551.5	16146.2	18463.7	19376.0	20126.9
60°	9957.7	10403.3	11932.2	14451.9	16167.2	16729.7	17844.0
65°	9365.1	9664.7	10729.2	12976.6	14368.8	14317.3	15299.9
70°	9348.5	9506.4	10012.2	11673.4	12876.9	12235.6	12985.5
75°	9715.0	9755.3	9778.7	10673.4	11466.1	10392.3	10925.2
80°	10289.2	10235.8	10011.9	10081.4	10242.0	8930.8	9063.3
85°	11107.7	11047.4	10746.2	10350.6	9698.5	7943.2	7534.2

Photometric test report

Family
Licross® 11 Protected

Order number: **51TD1BDN68XG3S**
EAN: **4069025127679**

LP number
58522_269

Luminance values in cd/m²

γ 65°

γ 70°

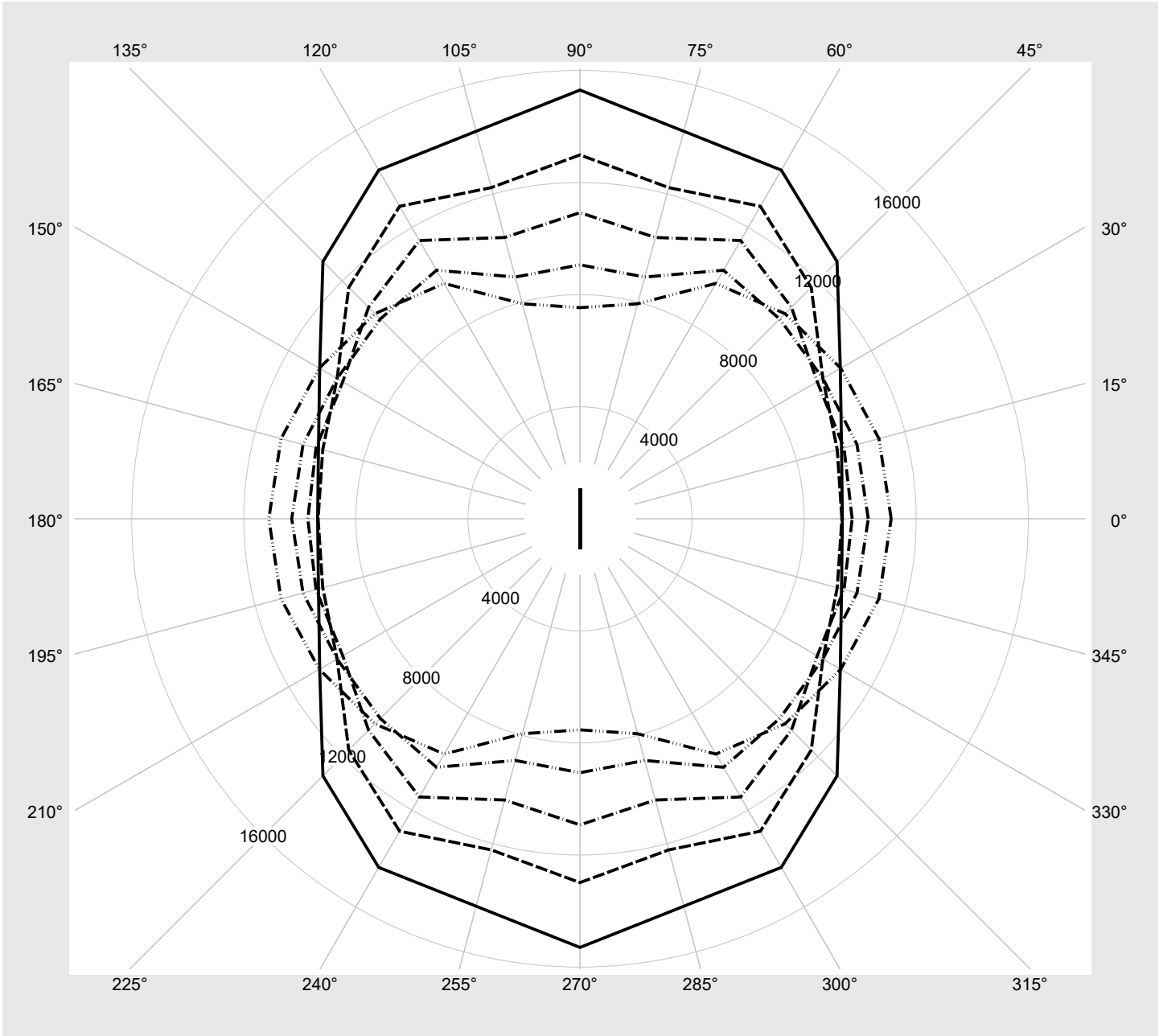
γ 75°

γ 80°

γ 85°

sit

eco



Photometric test report

Family Licross® 11 Protected	Order number: 51TD1BDN68XG3S EAN: 4069025127679	LP number 58522_269
Dimming levels table		environmental temperature: 25°C
		siteco

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	8310	55.1
95	240	252	7882	52.2
90	227	250	7483	49.7
85	213	248	7051	46.7
80	200	245	6645	44.2
75	187	243	6234	41.5
70	174	240	5824	39.0
65	161	237	5409	36.3
60	148	234	4992	33.8
55	135	231	4569	31.2
50	122	227	4144	28.7
45	110	223	3750	26.5
40	97	219	3319	24.0
35	85	214	2918	21.7
30	72	208	2479	19.3
25	60	201	2073	17.0
20	48	193	1663	14.7
15	36	182	1250	12.5
10	24	168	832	10.3
5	12	142	413	8.0
2	5	110	168	6.8