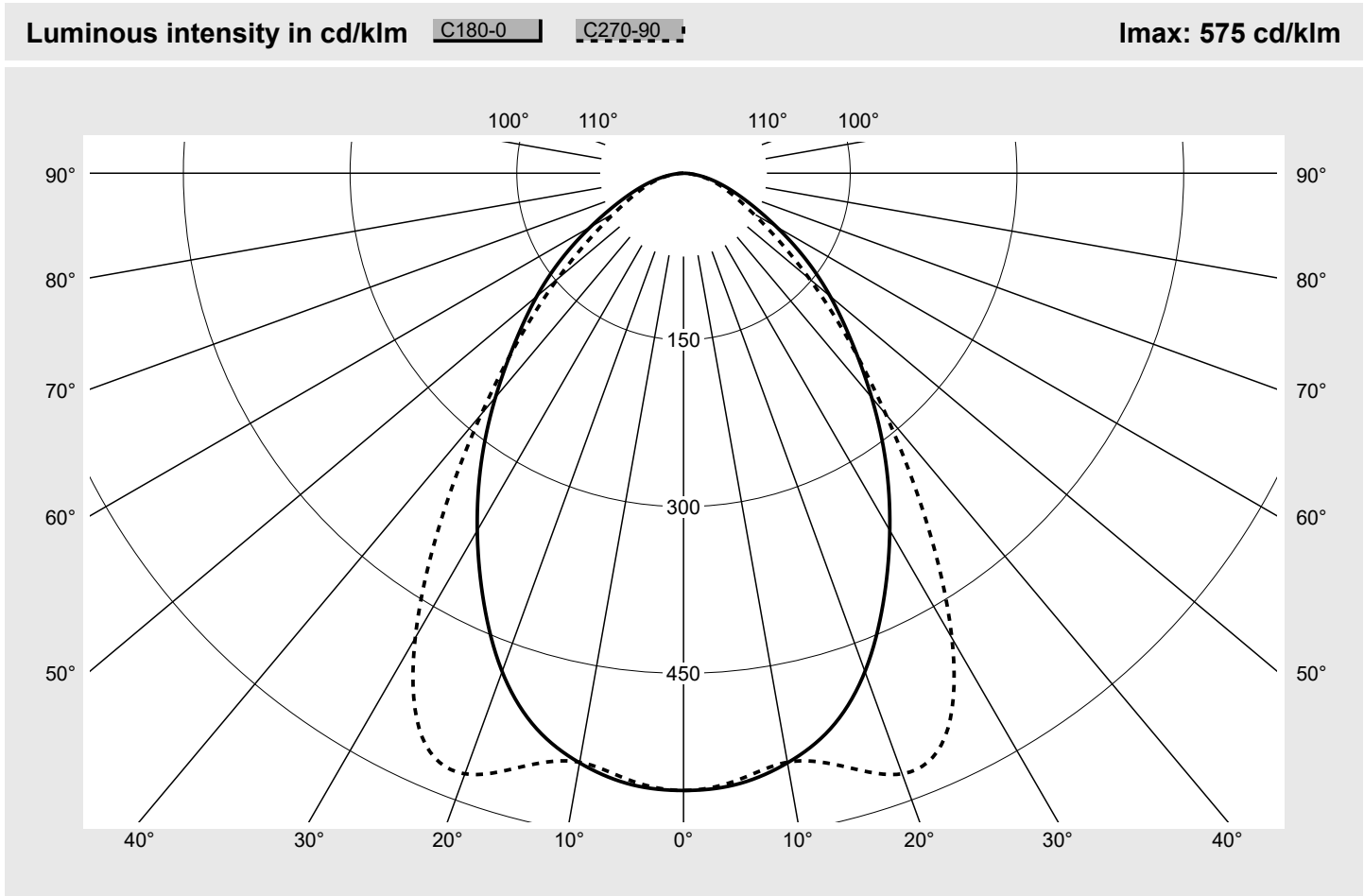


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DN6D5M EAN: 4069025012777	LP number 58689_166
	Version	cover frosted, wide distribution, high visual comfort
	Lamps	LED 6500 K CRI ≥ 80
	Controlgear	ECG-DALI
	Rated values	Net luminous flux = 13710 lm Power consumption = 76.8 W Luminous efficacy = 178.5 lm/W
		serial documentation 22.01.2024
		siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 5 0	η_{LB}	100.0%
CIE	N1=66 N2=91 N3=98	ϕ_u	100.0%
	N4=100 N5=100	ϕ_o	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DN6D5M EAN: 4069025012777	LP number 58689_166
Table of values for luminous intensities		Maximum luminous intensity

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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°	555.4	555.4	555.4	555.4	555.4	555.4	555.4	3.3	3.3
5°	551.9	549.3	545.0	546.0	548.1	548.0	548.5	26.2	29.5
10°	538.7	535.0	528.7	529.1	532.7	535.9	538.2	50.8	80.3
15°	515.9	510.9	504.6	513.1	530.5	544.7	552.3	74.2	154.5
20°	477.2	471.4	470.1	497.6	537.0	563.7	575.1	95.8	250.2
25°	425.5	419.5	426.9	469.4	521.2	548.6	558.0	111.1	361.3
30°	371.2	364.3	378.4	421.3	459.9	477.2	482.9	115.5	476.8
35°	317.2	309.8	328.6	357.7	367.8	374.7	379.7	109.4	586.2
40°	263.2	255.5	280.4	291.4	277.2	277.7	283.1	97.2	683.4
45°	213.7	204.0	230.1	230.5	202.8	200.2	207.0	82.5	765.9
50°	172.3	160.2	177.2	176.6	149.6	143.3	148.0	67.7	833.6
55°	133.3	121.6	126.4	129.1	111.8	101.0	103.0	53.0	886.6
60°	96.7	87.9	85.2	90.2	83.1	71.0	72.1	39.7	926.3
65°	67.7	61.0	56.3	61.1	60.5	50.8	52.1	29.0	955.3
70°	46.9	41.7	36.5	40.2	42.1	36.4	38.1	20.6	975.8
75°	30.9	26.7	22.6	25.0	27.1	24.7	26.6	13.7	989.5
80°	17.8	14.8	12.0	13.1	14.7	14.1	15.6	7.7	997.1
85°	6.6	5.4	4.4	4.8	5.3	5.4	5.9	2.9	1000.0
90°	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 Recessed			Order number: 51TL12DN6D5M EAN: 4069025012777							LP number 58689_166	
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	24.0	25.5	24.3	25.8	26.1	23.4	24.9	23.8	25.2	25.6
	3H	24.7	26.0	25.1	26.4	26.7	24.0	25.4	24.4	25.7	26.0
	4H	25.0	26.2	25.4	26.6	27.0	24.3	25.5	24.7	25.9	26.2
	6H	25.2	26.3	25.6	26.7	27.1	24.5	25.6	24.9	26.0	26.4
	8H	25.3	26.4	25.8	26.7	27.2	24.6	25.6	25.1	26.0	26.4
	12H	25.4	26.3	25.8	26.7	27.1	24.7	25.6	25.1	26.0	26.4
4H	2H	24.3	25.5	24.7	25.9	26.3	23.9	25.1	24.3	25.5	25.8
	3H	25.1	26.2	25.6	26.5	27.0	24.6	25.7	25.1	26.1	26.5
	4H	25.5	26.4	25.9	26.8	27.2	25.0	25.9	25.4	26.3	26.8
	6H	25.8	26.6	26.2	27.0	27.5	25.3	26.1	25.7	26.5	27.0
	8H	25.9	26.6	26.3	27.0	27.5	25.4	26.1	25.8	26.5	27.0
	12H	25.9	26.6	26.4	27.0	27.5	25.5	26.1	25.9	26.5	27.0
8H	4H	25.6	26.3	26.0	26.7	27.2	25.1	25.8	25.6	26.3	26.8
	6H	25.9	26.5	26.4	27.0	27.5	25.5	26.1	26.0	26.5	27.0
	8H	26.0	26.5	26.5	27.0	27.5	25.6	26.1	26.1	26.6	27.1
	12H	26.1	26.5	26.6	27.0	27.6	25.7	26.1	26.2	26.6	27.2
12H	4H	25.6	26.2	26.1	26.7	27.2	25.1	25.8	25.6	26.2	26.7
	6H	25.9	26.4	26.4	26.9	27.4	25.5	26.0	26.0	26.5	27.0
	8H	26.0	26.5	26.6	27.0	27.5	25.6	26.1	26.2	26.6	27.1

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 1500 B = 58	
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°	47626.4	45460.9	51271.3	51361.1	45199.5	44611.1	46139.3
50°	42233.8	39285.0	43447.4	43303.5	36678.0	35131.8	36282.5
55°	36630.7	33397.0	34716.5	35462.2	30709.1	27757.3	28299.1
60°	30468.7	27696.4	26861.8	28421.9	26200.9	22380.1	22711.6
65°	25237.7	22756.2	21003.3	22769.6	22568.6	18957.6	19412.9
70°	21602.3	19233.6	16822.5	18532.3	19402.2	16781.9	17557.4
75°	18834.7	16237.9	13742.1	15193.0	16485.7	15018.9	16181.8
80°	16126.3	13397.5	10868.3	11932.8	13300.4	12831.2	14162.5
85°	11920.8	9765.5	7943.0	8626.4	9541.3	9705.9	10620.8

Photometric test report

Family
Licross® 11 Recessed

Order number: 51TL12DN6D5M
EAN: 4069025012777

LP number
58689_166

Luminance values in cd/m²

γ 65°

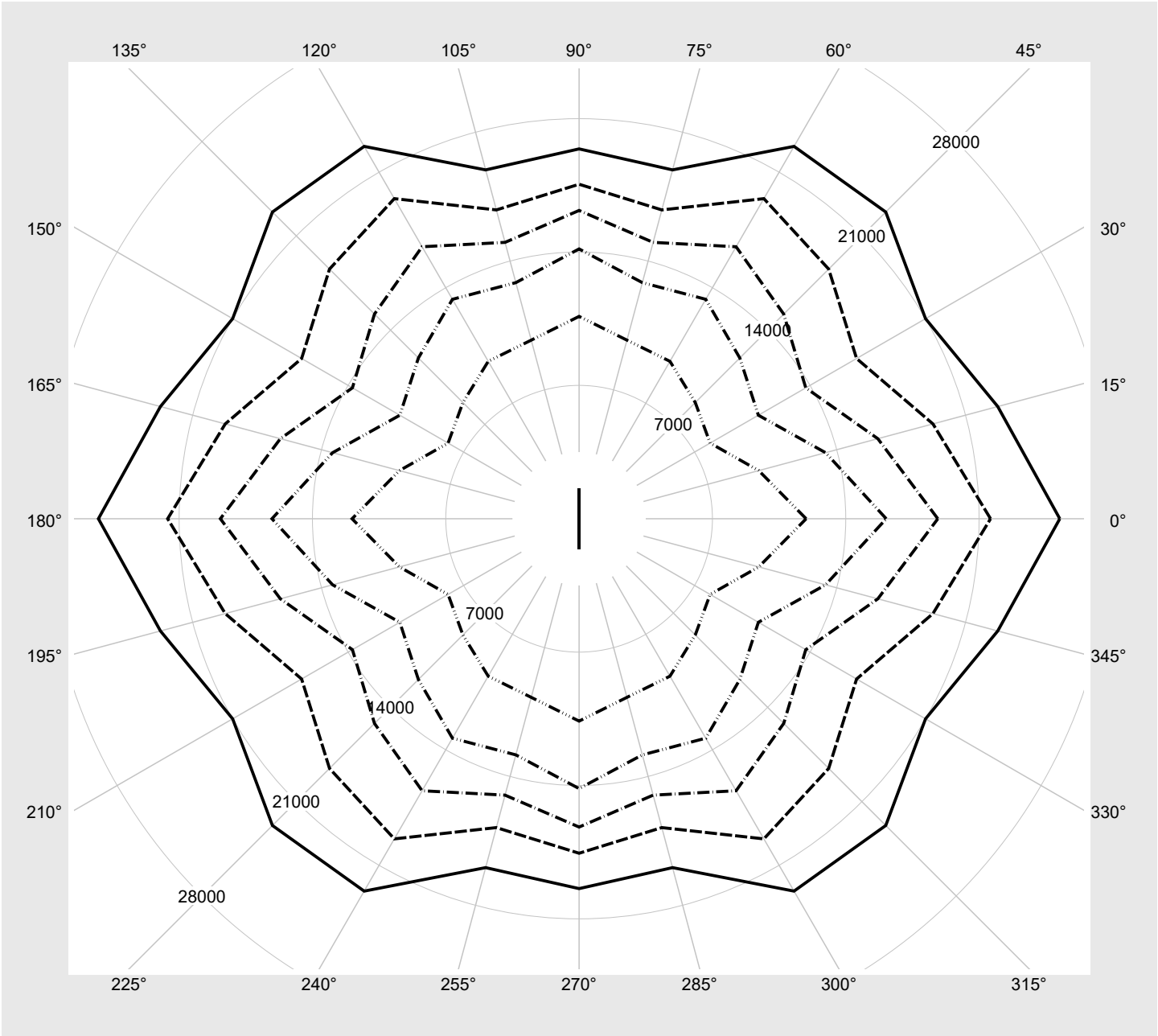
γ 70°

γ 75°

γ 80°

γ 85°

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Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DN6D5M EAN: 4069025012777	LP number 58689_166
Dimming levels table		environmental temperature: 25°C



Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	13710	76.8
95	240	252	13005	72.6
90	227	250	12345	68.6
85	214	248	11679	64.6
80	200	245	10957	60.3
75	187	243	10282	56.5
70	174	240	9603	52.6
65	161	237	8920	48.7
60	148	234	8228	44.8
55	135	231	7535	41.0
50	122	227	6832	37.3
45	110	223	6181	33.8
40	97	219	5469	30.0
35	85	214	4805	26.6
30	73	208	4138	23.2
25	60	201	3412	19.5
20	48	193	2733	16.1
15	36	182	2053	12.6
10	24	168	1369	9.2
5	12	142	677	5.9
2	4	102	213	3.6