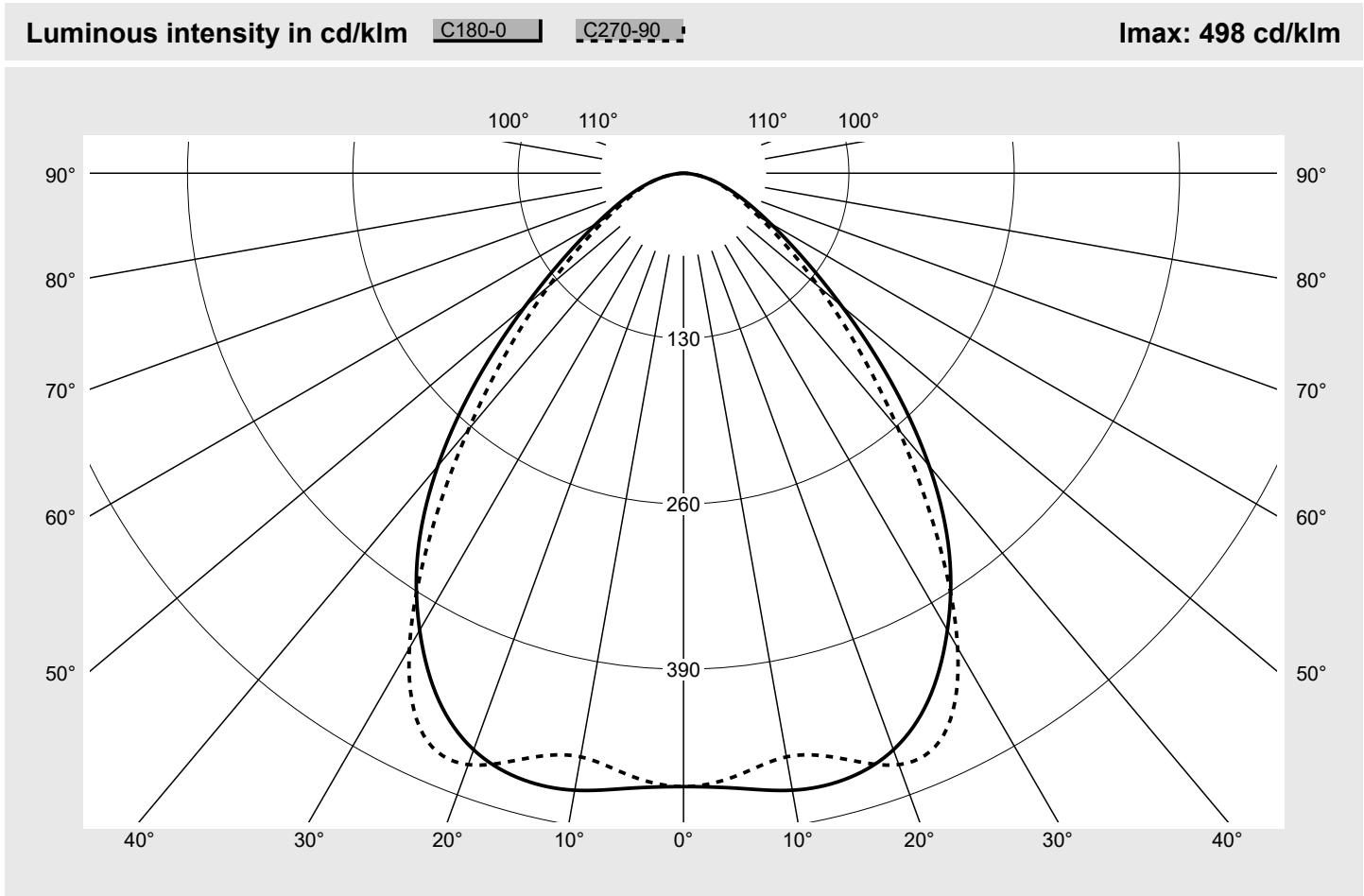


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DN695G EAN: 4069025012784	LP number 58637_228
	Version	cover frosted, wide distribution, high visual comfort
	Lamps	LED 6500 K CRI ≥ 80
	Controlgear	ECG-DALI
	Rated values	Net luminous flux = 9990 lm Power consumption = 56.7 W Luminous efficacy = 176.2 lm/W
		serial documentation 22.01.2024
		siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 5 0	η_{LB}	100.0%
CIE	N1=67 N2=92 N3=99	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: 51TL12DN695G EAN: 4069025012784	LP number 58637_228
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°	482.3	482.3	482.3	482.3	482.3	482.3	482.3	2.9	2.9
5°	485.4	482.8	478.2	477.5	477.4	475.9	475.7	22.9	25.8
10°	492.7	488.2	477.9	471.3	467.6	465.9	466.0	45.2	71.0
15°	493.2	486.1	471.9	467.9	471.0	473.7	476.3	67.5	138.5
20°	482.5	473.5	462.5	471.9	487.1	492.8	494.9	89.9	228.4
25°	456.4	447.1	449.2	479.4	497.6	491.1	485.8	109.5	337.8
30°	414.9	406.8	427.0	475.1	479.0	447.1	431.1	121.4	459.2
35°	364.2	358.0	387.7	436.7	420.7	368.9	346.8	122.0	581.2
40°	300.5	296.3	322.5	357.9	336.0	284.8	262.9	110.4	691.6
45°	229.2	226.3	238.5	259.8	247.2	211.8	193.4	90.1	781.7
50°	162.3	159.3	161.6	173.6	174.5	155.2	138.5	68.2	849.9
55°	112.5	108.0	105.1	112.3	121.6	110.9	97.2	49.6	899.5
60°	78.7	73.1	68.3	73.1	83.7	77.4	68.5	35.5	935.0
65°	56.0	50.2	45.0	48.4	56.8	54.5	49.6	25.5	960.5
70°	39.5	34.5	29.5	32.1	37.8	38.5	36.6	18.1	978.6
75°	26.0	22.0	18.4	20.2	23.9	25.9	25.8	12.0	990.6
80°	14.9	12.2	9.9	10.8	13.0	14.8	15.3	6.8	997.4
85°	5.4	4.3	3.6	4.0	4.7	5.6	5.8	2.5	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: 51TL12DN695G EAN: 4069025012784	LP number 58637_228
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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	22.6	24.1	23.0	24.4	24.7	22.7	24.2	23.1	24.5	24.8
	3H	23.1	24.5	23.5	24.8	25.2	23.3	24.6	23.6	24.9	25.3
	4H	23.4	24.6	23.8	24.9	25.3	23.5	24.7	23.9	25.1	25.5
	6H	23.5	24.7	23.9	25.0	25.4	23.7	24.8	24.1	25.2	25.6
	8H	23.6	24.7	24.1	25.0	25.4	23.8	24.8	24.2	25.2	25.6
	12H	23.7	24.6	24.1	25.0	25.4	23.8	24.8	24.3	25.2	25.6
4H	2H	22.8	24.1	23.2	24.4	24.8	22.9	24.2	23.3	24.5	24.9
	3H	23.5	24.5	23.9	24.9	25.3	23.6	24.7	24.1	25.1	25.5
	4H	23.7	24.6	24.2	25.1	25.5	24.0	24.9	24.4	25.3	25.7
	6H	24.0	24.7	24.4	25.2	25.6	24.3	25.1	24.7	25.5	25.9
	8H	24.0	24.8	24.5	25.2	25.7	24.4	25.1	24.8	25.5	26.0
	12H	24.1	24.7	24.6	25.2	25.7	24.4	25.1	24.9	25.5	26.0
8H	4H	23.8	24.5	24.3	25.0	25.4	24.0	24.8	24.5	25.2	25.7
	6H	24.1	24.6	24.6	25.1	25.6	24.4	25.0	24.9	25.4	25.9
	8H	24.2	24.7	24.7	25.2	25.7	24.5	25.0	25.0	25.5	26.0
	12H	24.2	24.7	24.7	25.2	25.7	24.6	25.0	25.1	25.5	26.1
12H	4H	23.8	24.4	24.3	24.9	25.4	24.0	24.7	24.5	25.1	25.6
	6H	24.1	24.6	24.6	25.1	25.6	24.4	24.9	24.9	25.4	25.9
	8H	24.2	24.6	24.7	25.1	25.6	24.5	25.0	25.0	25.5	26.0

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°	37212.3	36749.8	38731.5	42187.0	40137.3	34400.9	31398.7
50°	28993.5	28464.5	28868.6	31018.7	31178.4	27731.2	24743.1
55°	22518.4	21618.3	21042.6	22490.6	24352.2	22210.9	19454.8
60°	18076.2	16797.2	15691.0	16795.4	19211.8	17767.5	15719.9
65°	15224.7	13628.5	12234.6	13160.3	15435.0	14807.7	13487.4
70°	13256.8	11576.8	9909.8	10776.0	12685.0	12931.4	12298.6
75°	11519.6	9771.2	8178.0	8959.7	10589.3	11502.3	11440.2
80°	9827.7	8052.9	6533.3	7153.6	8566.0	9814.5	10130.6
85°	7048.6	5702.1	4724.6	5250.2	6214.6	7331.9	7637.5

Photometric test report

Family
Licross® 11 Recessed

Order number: 51TL12DN695G
EAN: 4069025012784

LP number
58637_228

Luminance values in cd/m²

γ 65°

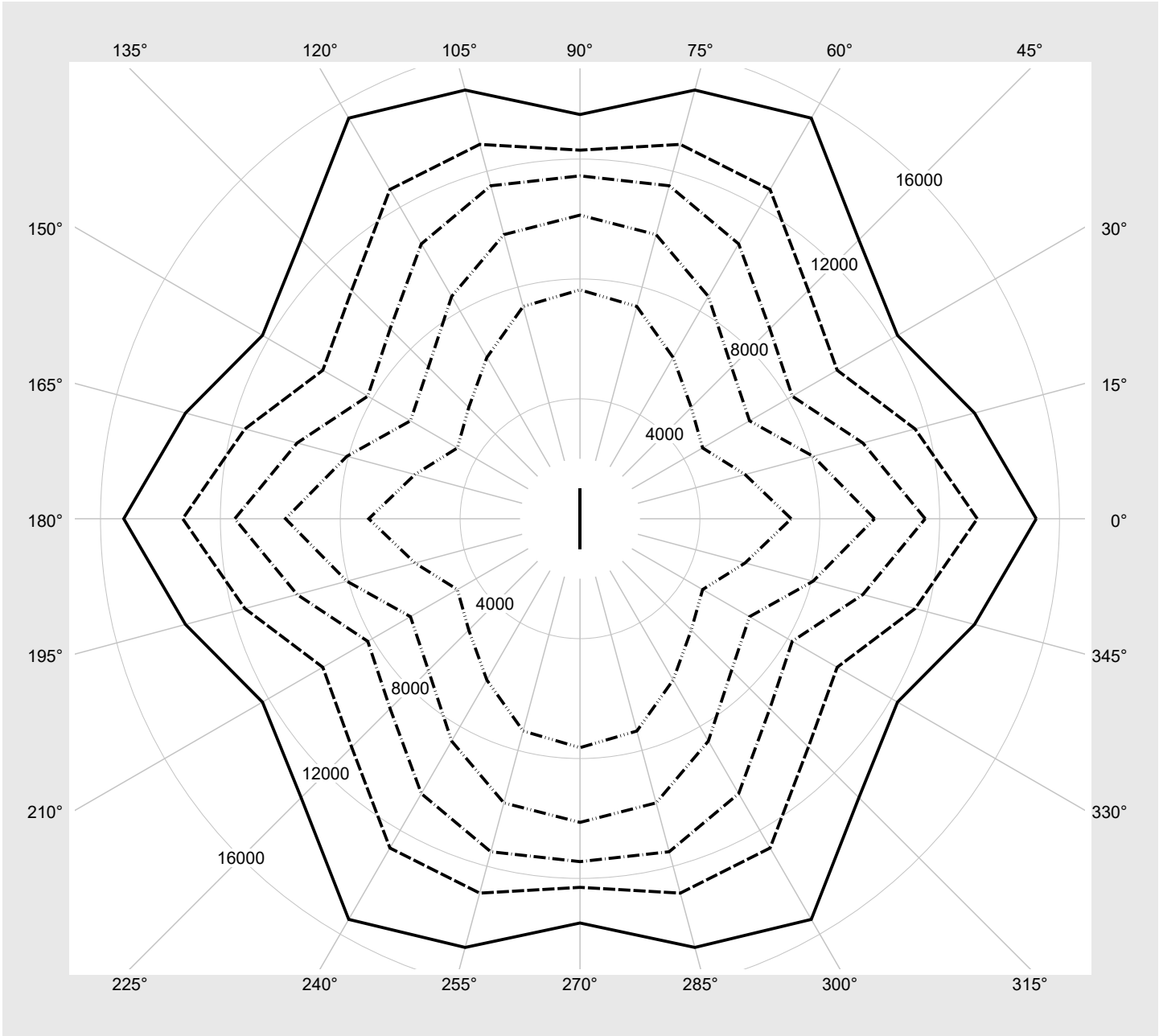
γ 70°

γ 75°

γ 80°

γ 85°

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Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DN695G EAN: 4069025012784	LP number 58637_228
Dimming levels table		environmental temperature: 25°C

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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	9990	56.7
95	240	252	9484	53.6
90	227	250	9006	50.6
85	213	248	8490	47.5
80	200	245	8007	44.6
75	186	243	7479	41.5
70	173	240	6988	38.5
65	160	237	6492	35.7
60	147	234	5991	32.8
55	134	231	5481	29.9
50	122	227	5010	27.4
45	109	223	4496	24.6
40	97	219	4014	22.1
35	84	213	3491	19.3
30	72	208	3004	16.9
25	60	201	2510	14.4
20	48	193	2016	11.8
15	36	182	1516	9.3
10	24	168	1013	6.8
5	12	142	503	4.4
2	4	102	162	2.8