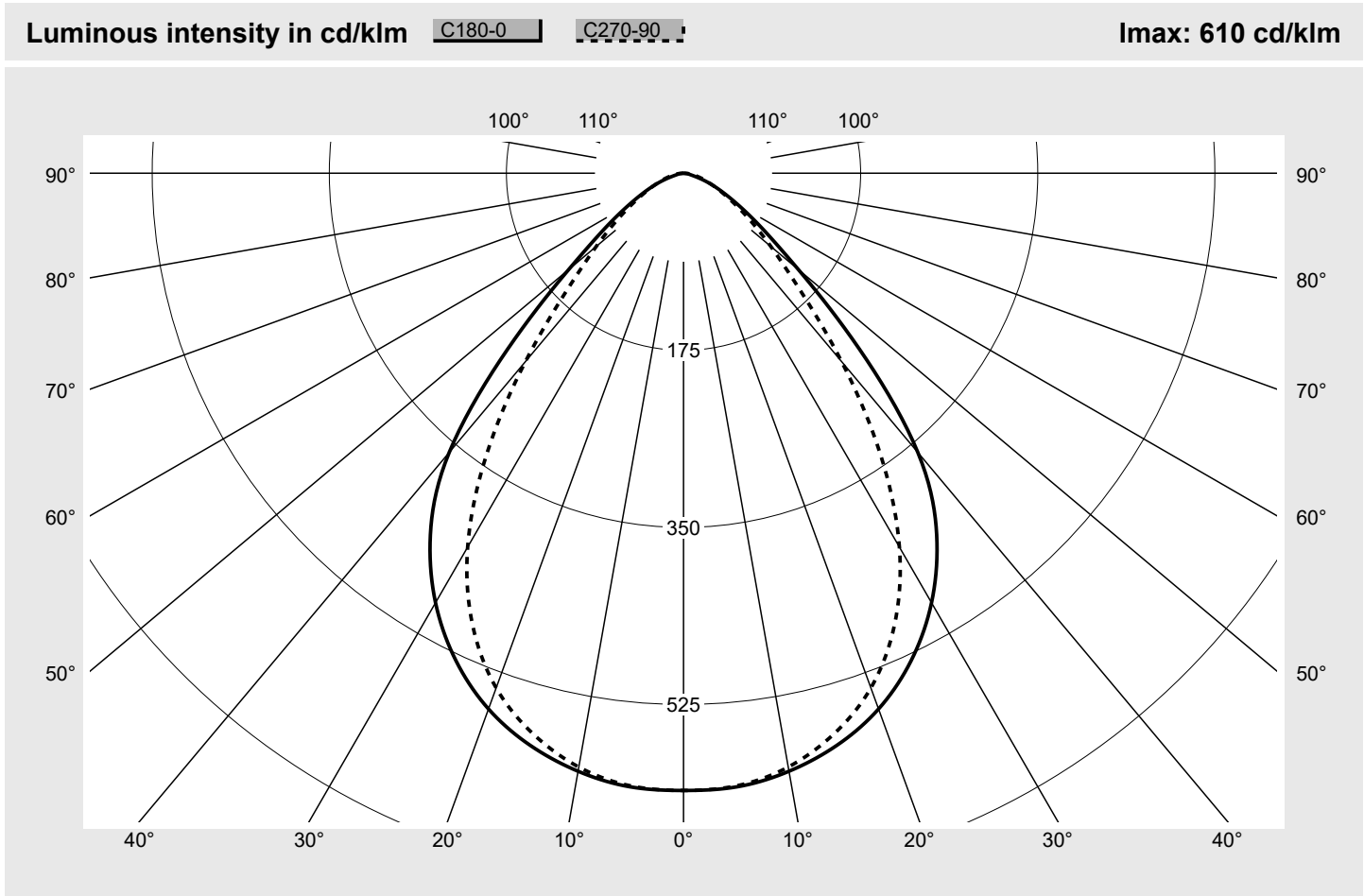


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL1WDN4EXM EAN: 4069025078247	LP number 59521_27
	Version	cover frosted, wide distribution
	Lamps	LED 4000 K CRI ≥ 80
	Controlgear	ECG-DALI
	Rated values	Net luminous flux = 14170 lm Power consumption = 76.8 W Luminous efficacy = 184.5 lm/W
		serial documentation 21.03.2024
		siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 5 0	η_{LB}	100.0%
CIE	N1=73 N2=94 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: 51TL1WDN4EXM EAN: 4069025078247	LP number 59521_27
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°	610.0	610.0	610.0	610.0	610.0	610.0	610.0	3.6	3.6
5°	608.6	607.6	603.5	605.7	607.8	607.2	607.6	29.0	32.6
10°	600.1	600.0	594.9	595.9	596.5	595.2	595.9	56.8	89.4
15°	585.3	585.9	578.8	577.8	576.6	573.9	573.7	82.1	171.5
20°	563.4	563.9	554.9	550.2	546.3	542.2	541.3	103.4	275.0
25°	531.8	531.9	519.6	510.4	502.3	495.0	493.0	118.6	393.5
30°	490.1	489.9	473.2	457.8	443.0	430.6	426.6	125.7	519.3
35°	436.1	434.9	413.9	389.9	365.2	345.5	339.2	122.5	641.7
40°	360.2	357.4	334.2	303.1	273.1	250.6	243.1	106.9	748.6
45°	245.6	242.6	226.1	203.9	182.4	166.8	161.9	79.2	827.8
50°	148.2	149.1	145.2	133.7	122.4	114.2	112.6	55.6	883.4
55°	94.6	95.2	94.9	92.6	85.9	79.9	79.2	40.1	923.5
60°	61.8	62.8	63.1	63.8	60.6	55.1	54.9	28.8	952.3
65°	39.8	41.1	42.4	42.8	42.4	38.1	37.8	20.3	972.6
70°	23.6	24.8	26.8	28.2	28.2	26.4	25.7	13.6	986.2
75°	10.5	11.2	13.0	16.6	16.9	18.1	17.0	7.9	994.2
80°	5.4	5.5	5.6	6.4	8.9	11.0	9.8	4.1	998.2
85°	2.7	2.8	2.9	2.9	2.8	4.7	4.7	1.8	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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 Recessed	Order number: 51TL1WDN4EXM EAN: 4069025078247	LP number 59521_27
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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	23.6	25.1	24.0	25.4	25.7	22.4	23.8	22.7	24.1	24.4
	3H	23.9	25.2	24.3	25.5	25.8	22.8	24.0	23.2	24.4	24.7
	4H	23.9	25.1	24.3	25.4	25.8	22.9	24.1	23.3	24.5	24.8
	6H	23.9	25.0	24.3	25.3	25.7	23.1	24.1	23.5	24.5	24.9
	8H	24.0	24.9	24.4	25.3	25.7	23.2	24.1	23.6	24.5	24.9
	12H	24.0	24.8	24.4	25.2	25.6	23.2	24.1	23.6	24.5	24.9
4H	2H	23.8	24.9	24.2	25.3	25.7	22.6	23.8	23.0	24.2	24.5
	3H	24.1	25.1	24.5	25.5	25.9	23.2	24.2	23.6	24.6	25.0
	4H	24.2	25.0	24.6	25.4	25.9	23.4	24.3	23.9	24.7	25.2
	6H	24.2	24.9	24.6	25.3	25.8	23.7	24.4	24.1	24.8	25.3
	8H	24.2	24.8	24.6	25.3	25.8	23.7	24.4	24.2	24.8	25.3
	12H	24.2	24.7	24.7	25.2	25.7	23.8	24.4	24.3	24.8	25.3
8H	4H	24.2	24.8	24.6	25.3	25.8	23.5	24.2	24.0	24.6	25.1
	6H	24.2	24.7	24.7	25.2	25.7	23.7	24.3	24.2	24.8	25.3
	8H	24.2	24.7	24.7	25.1	25.7	23.8	24.3	24.4	24.8	25.3
	12H	24.2	24.6	24.7	25.1	25.6	24.0	24.4	24.5	24.9	25.4
12H	4H	24.2	24.8	24.7	25.2	25.7	23.5	24.1	24.0	24.5	25.0
	6H	24.2	24.6	24.7	25.1	25.7	23.7	24.2	24.3	24.7	25.2
	8H	24.2	24.6	24.7	25.1	25.6	23.9	24.2	24.4	24.7	25.3

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°	56578.6	55890.6	52073.0	46973.5	42009.0	38428.9	37287.6
50°	37539.9	37783.2	36786.1	33877.2	31011.9	28926.6	28528.8
55°	26852.5	27030.3	26955.6	26286.9	24384.3	22683.1	22488.6
60°	20120.1	20442.3	20568.3	20791.5	19726.9	17958.1	17888.1
65°	15353.2	15820.7	16330.6	16504.4	16355.6	14669.2	14577.1
70°	11217.6	11794.8	12754.3	13412.5	13423.4	12556.2	12249.6
75°	6634.7	7021.0	8197.2	10460.1	10647.7	11377.7	10725.7
80°	5109.0	5164.4	5258.2	6048.8	8333.7	10355.0	9195.7
85°	5122.3	5221.3	5331.6	5428.8	5167.1	8691.6	8691.6

Photometric test report

Family
Licross® 11 Recessed

Order number: **51TL1WDN4EXM**
EAN: **4069025078247**

LP number
59521_27

Luminance values in cd/m²

γ 65°

γ 70°

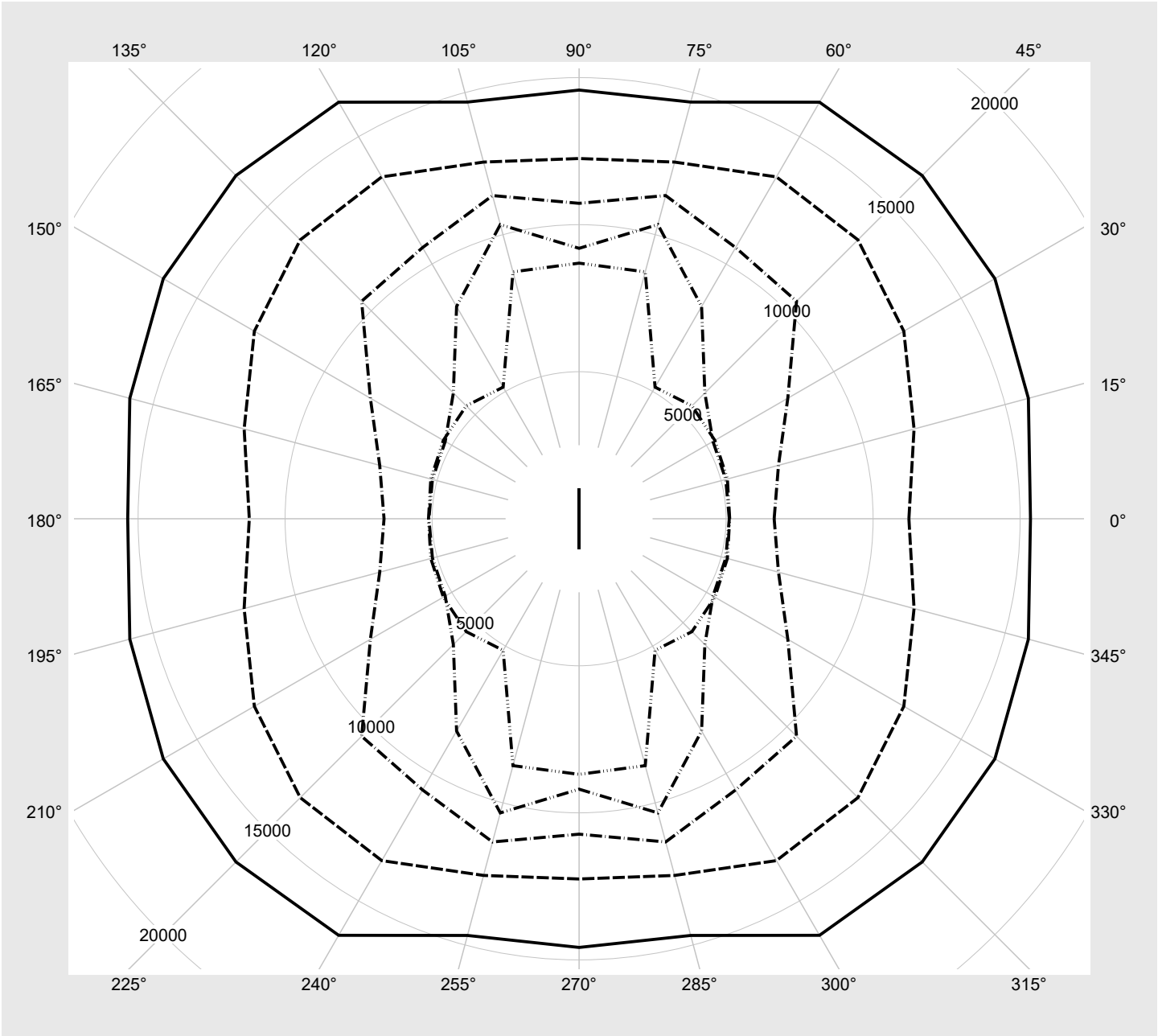
γ 75°

γ 80°

γ 85°

sit

eco



Photometric test report

Family Licross® 11 Recessed	Order number: 51TL1WDN4EXM EAN: 4069025078247	LP number 59521_27
Dimming levels table environmental temperature: 25°C		

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	14170	76.8
95	240	252	13445	72.6
90	227	250	12766	68.6
85	213	248	12027	64.3
80	200	245	11336	60.3
75	187	243	10640	56.5
70	174	240	9940	52.6
65	161	237	9235	48.7
60	148	234	8521	44.8
55	135	231	7805	41.0
50	122	227	7080	37.3
45	109	223	6351	33.5
40	97	219	5670	30.0
35	85	214	4984	26.6
30	72	208	4235	22.9
25	60	201	3540	19.5
20	48	193	2837	16.1
15	36	182	2132	12.6
10	24	168	1421	9.2
5	12	142	703	5.9
2	4	102	222	3.6