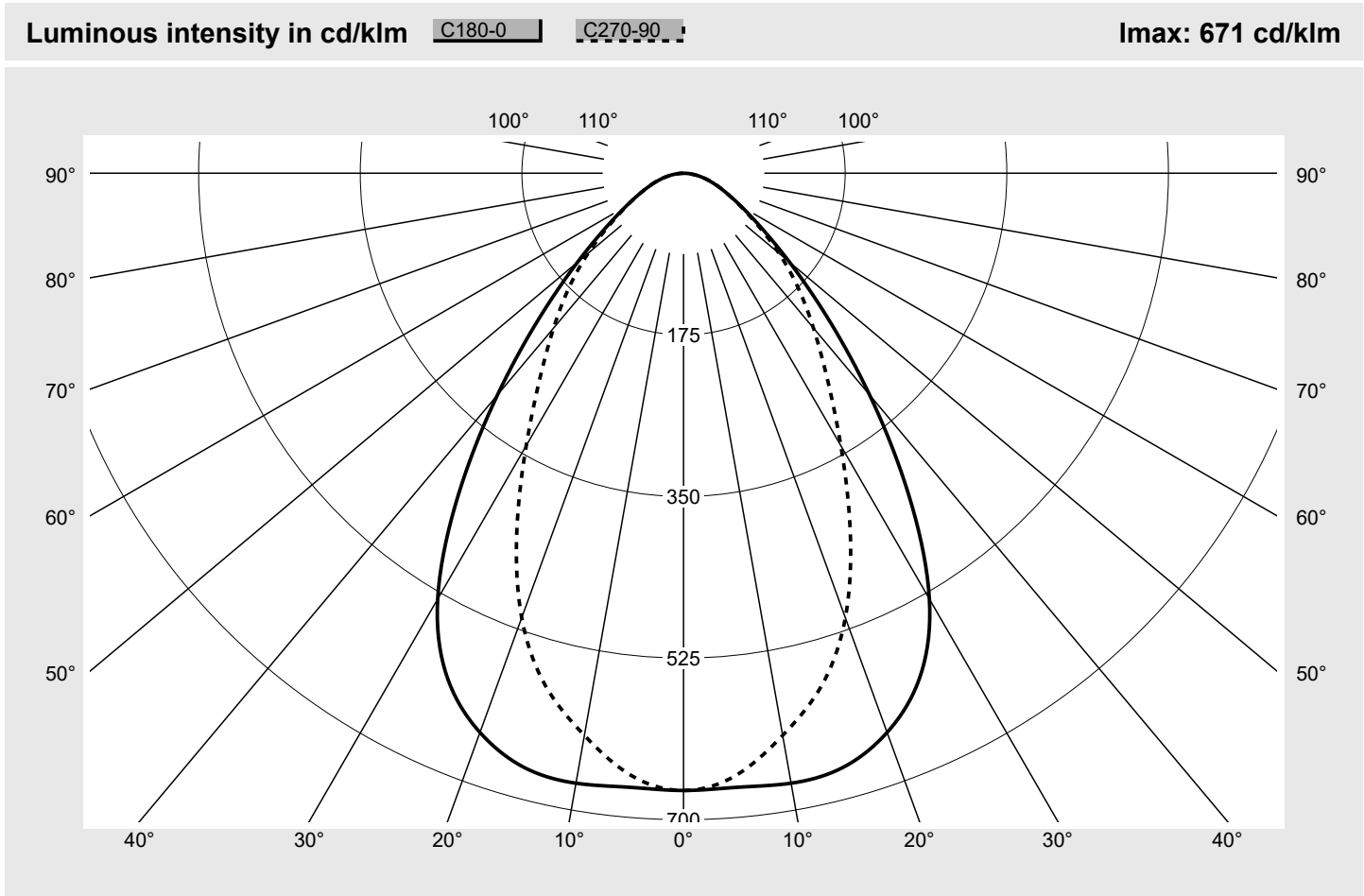


Photometric test report

Family Licross® 21 Recessed	Order number: 52TE12DV3DXG EAN: 4069025193193	LP number 59101_377
	Version	cover frosted, wide distribution, high visual comfort
	Lamps	LED 3000 K CRI ≥ 80
	Controlgear	ECG-DALI
	Rated values	Net luminous flux = 13000 lm Power consumption = 76.1 W Luminous efficacy = 170.8 lm/W
		serial documentation 29.07.2024
		siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 6 0	ηLB	100.0%
CIE	N1=72 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® 21 Recessed	Order number: 52TE12DV3DXG EAN: 4069025193193	LP number 59101_377
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°	668.4	668.4	668.4	668.4	668.4	668.4	668.4	4.0	4.0
5°	667.5	664.4	657.4	655.8	655.7	654.2	654.4	31.4	35.4
10°	670.7	665.0	649.1	636.1	625.3	618.7	618.1	60.9	96.3
15°	666.2	657.2	632.9	612.0	594.0	578.5	575.5	87.4	183.7
20°	644.4	632.9	606.9	585.4	554.6	522.7	512.3	108.8	292.5
25°	604.1	590.6	566.7	541.2	494.5	444.9	427.0	121.8	414.2
30°	532.4	517.7	496.3	466.1	413.9	359.9	340.6	122.9	537.1
35°	425.0	409.7	387.0	361.9	325.4	286.0	271.1	111.0	648.1
40°	313.4	295.8	270.7	255.1	246.8	229.4	218.8	91.8	739.9
45°	219.2	200.3	175.7	171.1	181.8	184.7	175.5	71.8	811.7
50°	149.7	132.6	112.6	116.3	133.0	145.6	134.9	54.8	866.5
55°	102.7	89.1	74.7	81.5	98.1	107.9	98.1	41.3	907.7
60°	72.4	62.1	51.3	58.3	71.8	76.5	71.0	31.0	938.7
65°	52.1	44.3	35.9	41.6	51.4	54.2	52.1	23.1	961.9
70°	37.6	31.7	24.7	29.1	35.6	38.4	38.3	16.9	978.8
75°	26.0	21.3	16.2	19.0	22.9	25.9	26.8	11.6	990.4
80°	16.1	12.5	9.2	10.4	12.6	14.8	15.7	6.8	997.3
85°	7.0	5.4	3.8	4.1	4.8	5.7	5.8	2.7	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® 21 Recessed			Order number: 52TE12DV3DXG EAN: 4069025193193							LP number 59101_377		
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	21.2	22.7	21.6	23.0	23.3	21.2	22.6	21.5	22.9	23.3	
	3H	21.8	23.1	22.2	23.4	23.8	22.0	23.2	22.4	23.6	23.9	
	4H	22.1	23.3	22.5	23.6	24.0	22.3	23.5	22.7	23.8	24.2	
	6H	22.4	23.4	22.8	23.8	24.2	22.6	23.6	23.0	24.0	24.4	
	8H	22.5	23.5	23.0	23.9	24.3	22.7	23.7	23.1	24.1	24.5	
	12H	22.6	23.5	23.0	23.9	24.3	22.7	23.7	23.2	24.0	24.5	
4H	2H	21.4	22.6	21.8	22.9	23.3	21.4	22.6	21.8	22.9	23.3	
	3H	22.1	23.1	22.5	23.4	23.9	22.3	23.3	22.8	23.7	24.1	
	4H	22.4	23.3	22.9	23.7	24.1	22.8	23.7	23.2	24.1	24.5	
	6H	22.7	23.5	23.2	23.9	24.4	23.1	23.9	23.6	24.3	24.8	
	8H	22.9	23.6	23.4	24.0	24.5	23.3	24.0	23.7	24.4	24.9	
	12H	23.0	23.6	23.5	24.1	24.5	23.4	23.9	23.9	24.4	24.9	
8H	4H	22.5	23.2	23.0	23.6	24.1	22.8	23.5	23.3	24.0	24.4	
	6H	22.9	23.4	23.4	23.9	24.4	23.3	23.8	23.8	24.3	24.8	
	8H	23.0	23.5	23.5	24.0	24.5	23.4	23.9	23.9	24.4	24.9	
	12H	23.2	23.6	23.7	24.1	24.6	23.6	24.0	24.1	24.5	25.0	
12H	4H	22.5	23.1	23.0	23.6	24.1	22.9	23.4	23.3	23.9	24.4	
	6H	22.9	23.3	23.4	23.8	24.4	23.3	23.7	23.8	24.2	24.8	
	8H	23.0	23.4	23.6	23.9	24.5	23.5	23.9	24.0	24.4	24.9	

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 2250 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°	30883.6	28224.9	24748.7	24109.4	25611.8	26020.4	24727.9
50°	23197.6	20545.7	17452.0	18024.7	20611.1	22567.3	20899.3
55°	17830.7	15479.1	12976.8	14158.6	17034.0	18748.1	17029.7
60°	14420.9	12379.0	10222.3	11624.1	14298.4	15243.6	14141.4
65°	12281.1	10452.7	8473.4	9811.3	12126.8	12765.1	12269.4
70°	10944.1	9228.0	7195.3	8462.3	10359.0	11184.7	11156.4
75°	10006.8	8197.0	6247.9	7304.4	8818.2	9953.3	10312.0
80°	9229.8	7195.6	5293.8	5992.0	7243.7	8518.4	9030.7
85°	8004.3	6165.2	4353.6	4694.2	5518.3	6462.4	6672.7

Photometric test report

Family
Licross® 21 Recessed

Order number: **52TE12DV3DXG**
EAN: **4069025193193**

LP number
59101_377

Luminance values in cd/m²

γ 65°

γ 70°

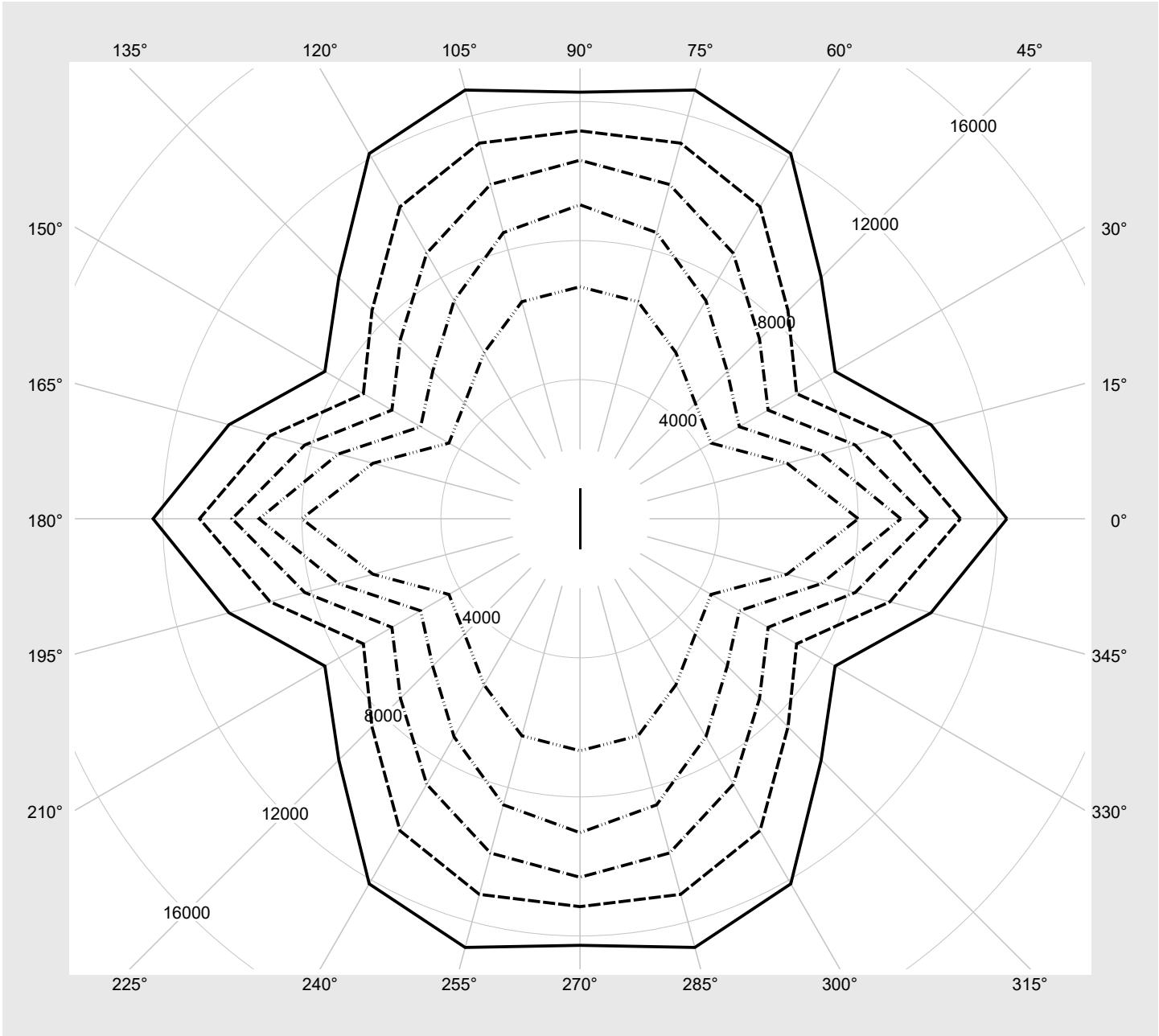
γ 75°

γ 80°

γ 85°

sit

eco



Photometric test report

Family Licross® 21 Recessed	Order number: 52TE12DV3DXG EAN: 4069025193193	LP number 59101_377
Dimming levels table environmental temperature: 25°C		

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	13000	76.1
95	240	252	12337	71.9
90	227	250	11717	68.0
85	213	248	11042	63.8
80	200	245	10410	60.0
75	187	243	9774	56.1
70	173	240	9081	52.0
65	160	237	8432	48.2
60	148	234	7825	44.7
55	135	231	7163	40.9
50	122	227	6496	37.1
45	109	223	5825	33.4
40	97	219	5199	29.9
35	85	214	4567	26.6
30	72	208	3878	22.7
25	60	201	3237	19.3
20	48	193	2593	15.6
15	36	182	1947	11.9
10	24	168	1295	7.9
5	12	142	638	3.9
2	5	110	250	1.6