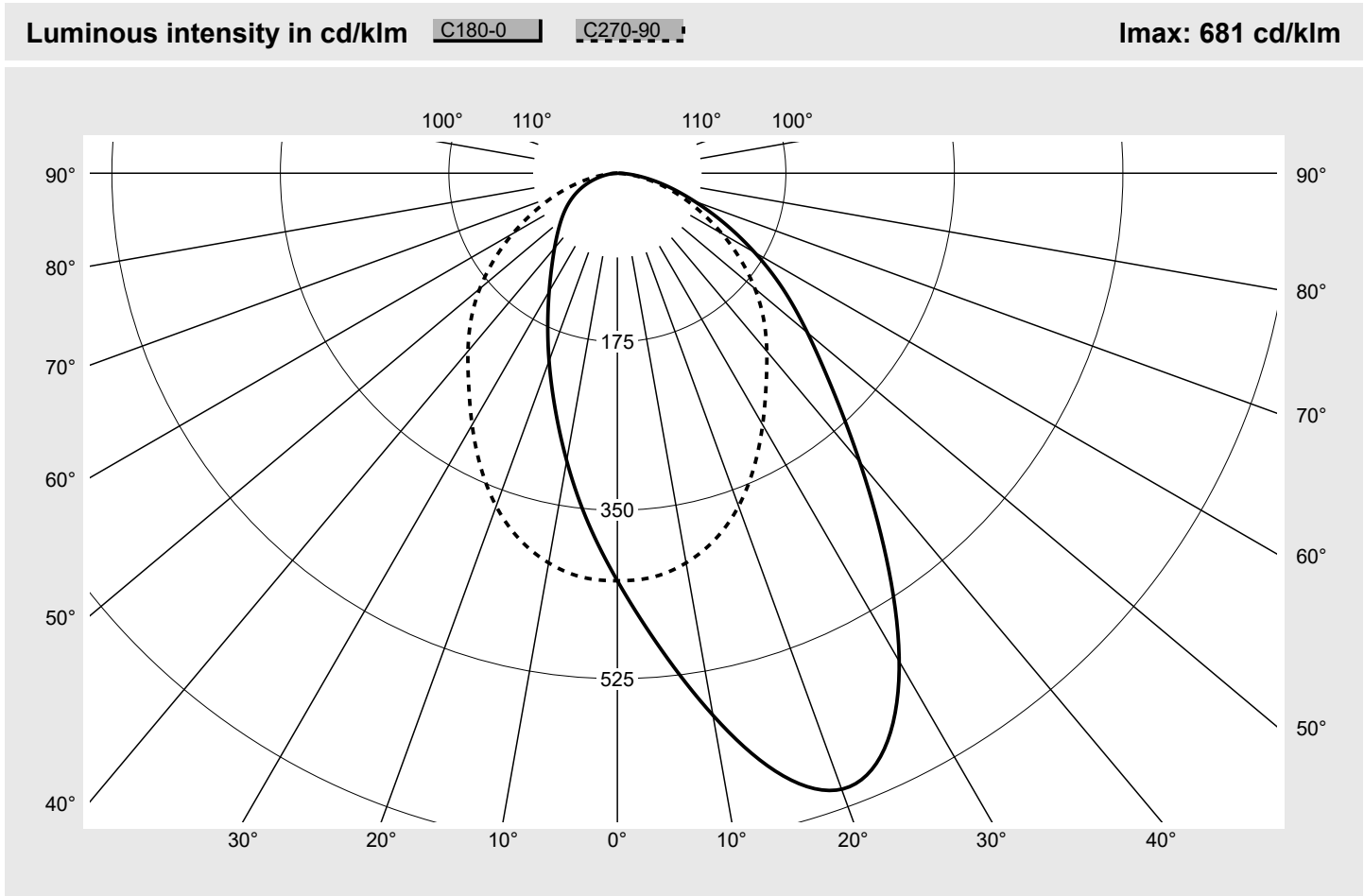


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL14DN425G EAN: 4069025012753	LP number 58683_363
	Version	cover frosted, asymmetric distribution
	Lamps	LED 4000 K CRI ≥ 80
	Controlgear	ECG-DALI
	Rated values	Net luminous flux = 2600 lm Power consumption = 15.2 W Luminous efficacy = 171.1 lm/W
		serial documentation 18.01.2024
		siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 4 0	η_{LB}	100.0%
CIE	N1=56 N2=84 N3=97	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: 51TL14DN425G EAN: 4069025012753	LP number 58683_363
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes	0°	15° 345°	30° 330°	45° 315°	60° 300°	75° 285°	90° 270°
γ	Luminous intensity in cd/klm						
0°	423.3	423.3	423.3	423.3	423.3	423.3	423.3
5°	492.9	491.4	480.7	469.8	456.1	438.7	421.2
10°	571.7	566.6	544.9	518.0	484.6	447.0	411.0
15°	644.7	637.1	605.9	562.5	507.2	447.4	393.4
20°	680.9	674.8	644.8	594.0	519.7	438.2	368.1
25°	657.9	657.6	642.1	600.0	518.2	419.3	336.2
30°	585.4	591.2	594.0	574.0	501.7	394.4	301.7
35°	486.6	496.5	513.6	518.9	472.6	367.8	269.2
40°	391.6	400.9	423.7	447.6	435.3	342.4	241.4
45°	315.0	320.7	340.1	373.0	389.0	312.9	214.9
50°	257.7	259.4	273.6	305.9	334.9	275.1	186.5
55°	210.4	209.0	219.8	247.0	276.4	230.5	156.0
60°	164.7	163.2	172.4	194.6	218.3	183.7	125.4
65°	122.2	121.6	130.0	147.7	165.1	139.3	96.1
70°	85.2	85.7	92.4	106.6	118.3	100.1	70.2
75°	55.7	56.1	61.0	71.1	77.9	65.9	46.5
80°	31.6	31.9	35.4	40.3	43.4	36.3	25.7
85°	13.1	12.9	14.6	16.5	16.2	13.2	9.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C-planes	105° 255°	120° 240°	135° 225°	150° 210°	165° 195°	180°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm						Luminous flux in lm/klm	
0°	423.3	423.3	423.3	423.3	423.3	423.3	2.5	2.5
5°	404.2	389.5	375.7	365.6	362.1	361.8	20.2	22.8
10°	378.5	351.6	328.9	312.6	305.3	303.2	40.3	63.1
15°	347.6	311.7	283.3	263.5	254.2	251.1	59.8	123.0
20°	312.8	271.7	241.2	220.7	211.0	207.4	77.2	200.1
25°	275.0	232.7	202.9	183.7	174.4	171.0	89.9	290.0
30°	237.7	196.9	169.7	152.6	144.6	141.7	96.4	386.5
35°	204.1	165.0	141.0	127.0	121.0	118.9	96.9	483.4
40°	176.0	138.8	117.2	106.8	102.8	101.6	93.4	576.7
45°	151.3	116.9	98.0	90.5	88.3	87.8	87.1	663.9
50°	128.6	98.3	82.7	77.4	76.2	76.3	79.3	743.1
55°	107.1	82.4	69.7	65.9	65.5	66.0	69.9	813.0
60°	87.0	68.0	58.3	55.3	55.4	56.0	59.0	872.0
65°	68.6	55.0	47.7	45.3	45.4	45.9	47.4	919.5
70°	51.6	42.4	37.2	35.1	35.2	35.4	35.8	955.3
75°	35.3	29.8	26.5	24.5	24.4	24.5	24.7	980.0
80°	20.2	17.6	15.6	14.5	14.4	14.5	14.3	994.3
85°	7.8	7.1	6.7	6.2	6.2	6.3	5.7	1000.0
90°	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	1000.0

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL14DN425G EAN: 4069025012753	LP number 58683_363
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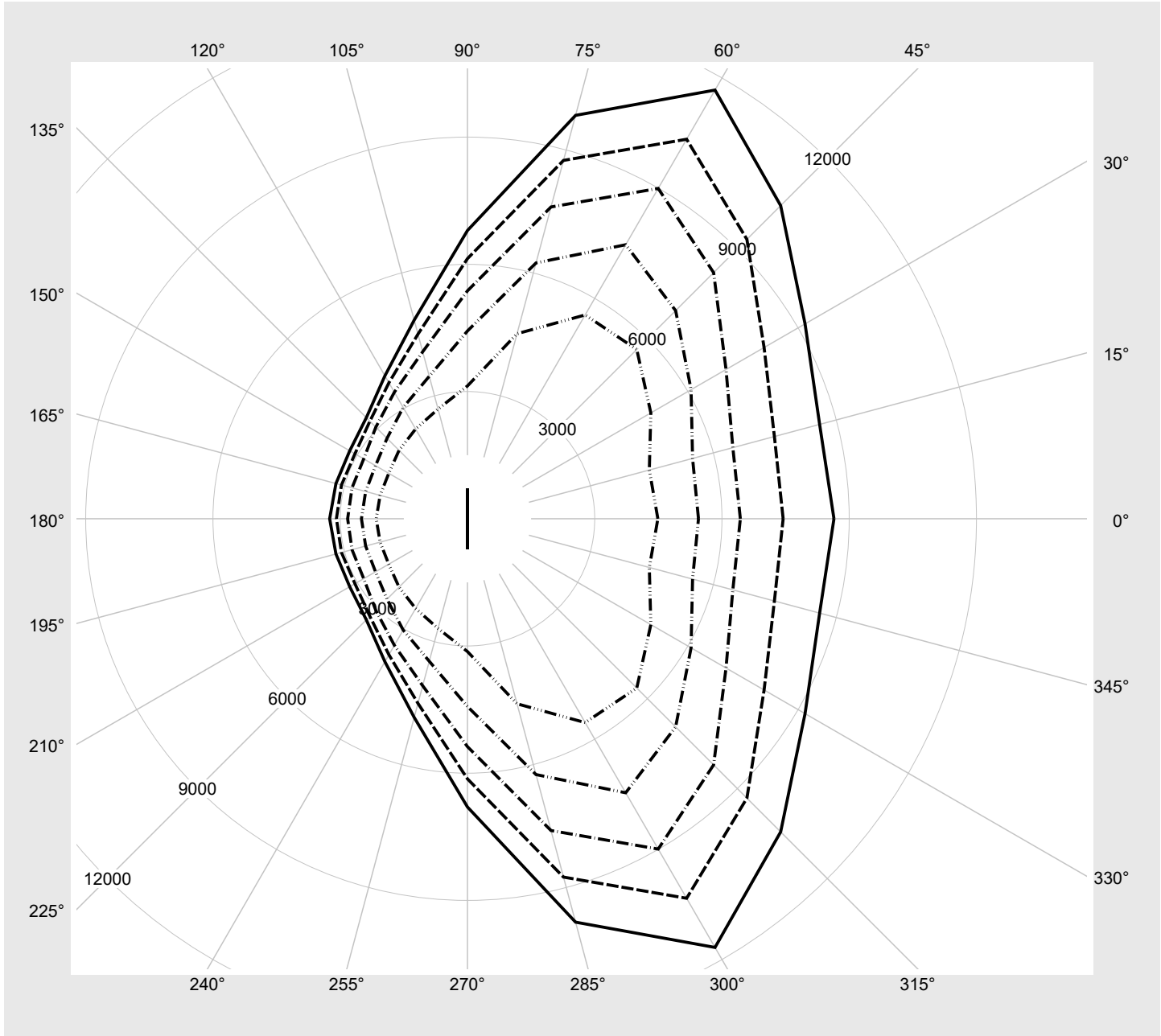
UGR-Table		Standard room										sitemco	
Reflection factor of ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3			
Reflection factor of walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3			
Reflection factor of floor	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2			
Room dimensions		View crosswise (C0)					View endwise (C90)						
x	y												
2H	2H	21.7	23.3	22.1	23.6	23.9	20.3	21.9	20.7	22.2	22.5		
	3H	22.7	24.1	23.1	24.5	24.8	21.4	22.9	21.8	23.2	23.6		
	4H	23.0	24.4	23.4	24.7	25.1	21.9	23.2	22.2	23.5	23.9		
	6H	23.3	24.5	23.7	24.9	25.3	22.1	23.4	22.5	23.7	24.1		
	8H	23.4	24.6	23.8	24.9	25.3	22.2	23.4	22.6	23.8	24.2		
	12H	23.5	24.6	23.9	24.9	25.4	22.3	23.3	22.7	23.7	24.2		
4H	2H	22.5	23.8	22.9	24.2	24.5	20.9	22.3	21.3	22.6	23.0		
	3H	23.6	24.7	24.0	25.1	25.5	22.3	23.5	22.8	23.9	24.3		
	4H	24.0	25.1	24.5	25.5	25.9	22.9	23.9	23.3	24.3	24.7		
	6H	24.4	25.3	24.8	25.7	26.1	23.3	24.1	23.7	24.6	25.0		
	8H	24.5	25.3	24.9	25.7	26.2	23.4	24.2	23.8	24.6	25.1		
	12H	24.6	25.3	25.1	25.7	26.2	23.5	24.2	23.9	24.6	25.1		
8H	4H	24.4	25.2	24.8	25.6	26.1	23.1	23.9	23.6	24.4	24.9		
	6H	24.8	25.5	25.3	25.9	26.4	23.6	24.3	24.1	24.8	25.3		
	8H	24.9	25.5	25.4	26.0	26.5	23.8	24.4	24.3	24.9	25.4		
	12H	25.1	25.6	25.6	26.1	26.6	23.9	24.4	24.4	24.9	25.4		
12H	4H	24.4	25.1	24.9	25.6	26.1	23.2	23.9	23.6	24.3	24.8		
	6H	24.9	25.4	25.4	25.9	26.5	23.7	24.3	24.2	24.7	25.3		
	8H	25.1	25.6	25.6	26.1	26.6	23.9	24.4	24.4	24.9	25.4		

Luminance table		Max. for $\gamma \geq 65^\circ$										Photometric dimensions in mm:		L = 1500 B = 58	
C-planes		0°	15° 345°	30° 330°	45° 315°	60° 300°	75° 285°	90° 270°	105° 255°	120° 240°	135° 225°	150° 210°	165° 195°	180°	
γ		Luminance in cd/m²													
45°		13311.6	13552.1	14375.4	15765.3	16438.9	13226.0	9082.8	6396.5	4939.7	4140.0	3826.1	3732.8	3709.0	
50°		11979.5	12058.9	12720.5	14220.1	15572.7	12788.1	8671.4	5980.9	4572.1	3843.2	3596.5	3544.4	3548.0	
55°		10960.1	10890.9	11451.1	12868.1	14403.7	12008.0	8126.1	5582.2	4292.1	3631.4	3435.0	3413.3	3440.9	
60°		9843.6	9756.7	10304.8	11631.6	13049.2	10977.7	7492.4	5198.1	4062.9	3482.3	3308.0	3309.2	3349.3	
65°		8640.6	8595.9	9190.6	10442.9	11672.8	9848.1	6797.1	4850.3	3892.3	3371.2	3204.9	3209.8	3248.7	
70°		7442.8	7492.0	8075.6	9317.3	10334.1	8748.1	6133.6	4507.2	3703.2	3253.3	3062.7	3074.8	3089.2	
75°		6433.7	6477.6	7039.1	8207.6	8994.1	7611.7	5374.1	4077.1	3446.2	3054.8	2824.0	2817.4	2824.7	
80°		5446.7	5494.5	6087.7	6941.2	7461.4	6245.6	4427.8	3478.7	3030.4	2682.0	2502.4	2485.0	2499.1	
85°		4489.1	4439.1	4992.2	5645.0	5549.7	4517.3	3131.6	2678.3	2444.1	2281.3	2142.7	2131.8	2151.3	

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL14DN425G EAN: 4069025012753	LP number 58683_363
Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85°		

siteco



Photometric test report

Family Licross® 11 Recessed	Order number: 51TL14DN425G EAN: 4069025012753	LP number 58683_363
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	2600	15.2
95	241	252	2468	14.5
90	228	250	2336	13.8
85	215	248	2206	13.0
80	203	246	2085	12.3
75	190	243	1953	11.5
70	177	241	1821	10.8
65	164	238	1690	10.1
60	151	235	1557	9.5
55	139	232	1434	8.8
50	126	228	1301	8.1
45	113	224	1168	7.3
40	101	220	1044	6.7
35	88	215	910	5.9
30	76	210	784	5.2
25	63	203	649	4.4
20	51	195	524	3.7