

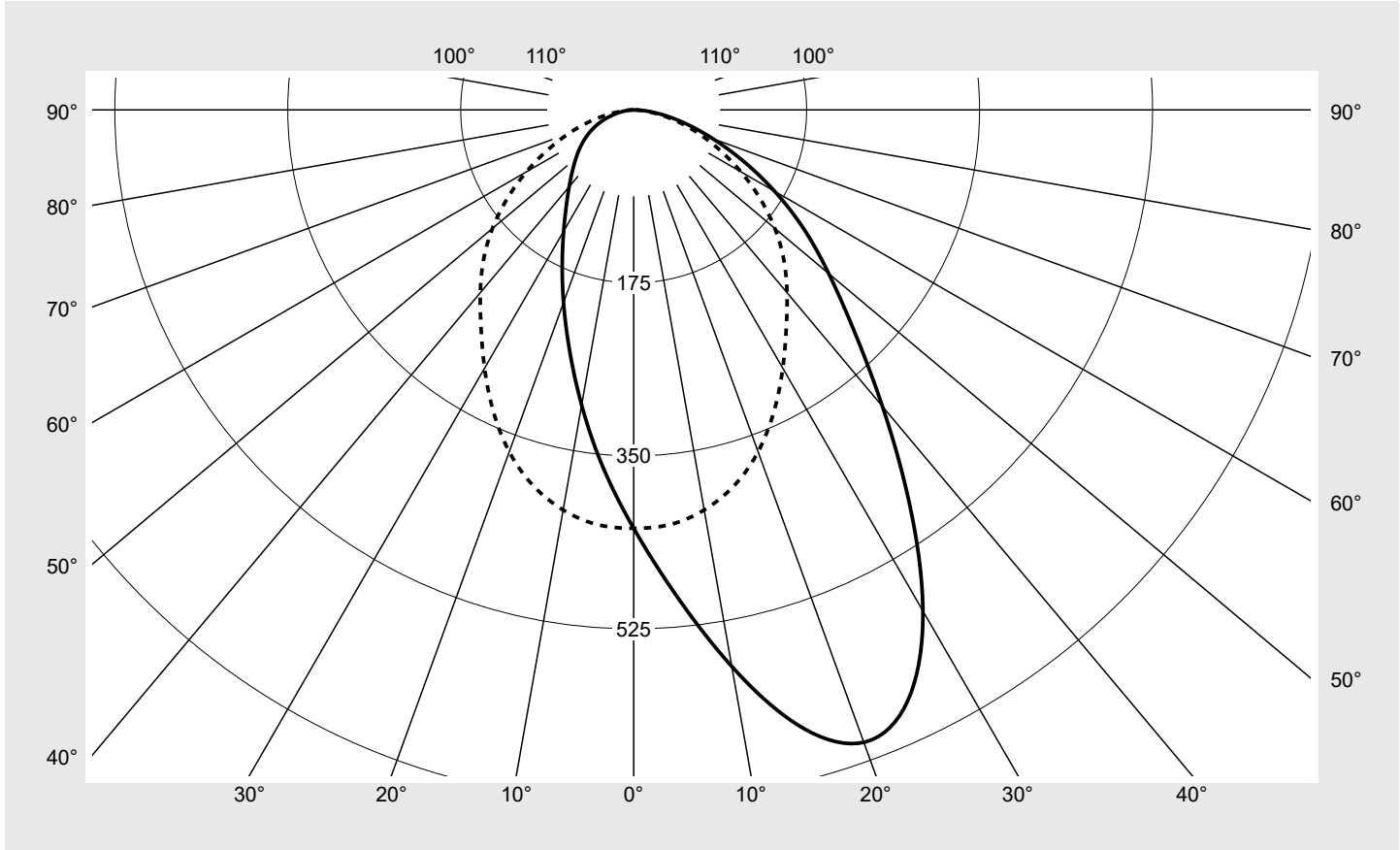


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL14DN325G EAN: 4069025012760	LP number 58683_362
	Version cover frosted, asymmetric distribution Lamps LED 3000 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 2900 lm Power consumption = 17.6 W Luminous efficacy = 164.8 lm/W	serial documentation 18.01.2024
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 681 cd/klm**



Classifications	
DIN 5040	A 4 0
CIE	N1=56 N2=84 N3=97 N4=100 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	100.0%
ϕ_o	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL14DN325G EAN: 4069025012760	LP number 58683_362
--	--	--------------------------------------

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: 51TL14DN325G EAN: 4069025012760	LP number 58683_362
---------------------------------------	--	-------------------------------

siteco

UGR-Table		Standard room									
Room dimensions		View crosswise (C0)					View endwise (C90)				
x	y										
2H	2H	22.1	23.7	22.4	24.0	24.3	20.7	22.3	21.0	22.6	22.9
	3H	23.1	24.5	23.4	24.8	25.2	21.8	23.3	22.2	23.6	23.9
	4H	23.4	24.8	23.8	25.1	25.5	22.2	23.6	22.6	23.9	24.3
	6H	23.7	24.9	24.1	25.3	25.7	22.5	23.7	22.9	24.1	24.5
	8H	23.8	24.9	24.2	25.3	25.7	22.6	23.8	23.0	24.1	24.5
	12H	23.8	24.9	24.3	25.3	25.7	22.7	23.7	23.1	24.1	24.5
4H	2H	22.8	24.2	23.2	24.5	24.9	21.3	22.7	21.7	23.0	23.4
	3H	24.0	25.1	24.4	25.5	25.9	22.7	23.8	23.1	24.2	24.6
	4H	24.4	25.4	24.9	25.8	26.3	23.3	24.3	23.7	24.7	25.1
	6H	24.7	25.6	25.2	26.1	26.5	23.6	24.5	24.1	25.0	25.4
	8H	24.9	25.7	25.3	26.1	26.6	23.7	24.6	24.2	25.0	25.5
	12H	25.0	25.7	25.4	26.1	26.6	23.8	24.5	24.3	25.0	25.5
8H	4H	24.7	25.6	25.2	26.0	26.5	23.5	24.3	24.0	24.8	25.2
	6H	25.2	25.8	25.7	26.3	26.8	24.0	24.7	24.5	25.1	25.6
	8H	25.3	25.9	25.8	26.4	26.9	24.2	24.8	24.7	25.3	25.8
	12H	25.5	25.9	26.0	26.4	27.0	24.3	24.8	24.8	25.3	25.8
12H	4H	24.8	25.5	25.3	26.0	26.5	23.5	24.2	24.0	24.7	25.2
	6H	25.3	25.8	25.8	26.3	26.8	24.1	24.6	24.6	25.1	25.6
	8H	25.4	25.9	26.0	26.4	27.0	24.3	24.8	24.8	25.3	25.8

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/m ²												
45°	14847.5	15115.8	16034.1	17584.4	18335.8	14752.1	10130.9	7134.5	5509.7	4617.6	4267.6	4163.5	4137.0
50°	13361.7	13450.3	14188.2	15860.9	17369.6	14263.7	9672.0	6671.0	5099.7	4286.6	4011.5	3953.4	3957.3
55°	12224.7	12147.5	12772.4	14352.9	16065.6	13393.6	9063.8	6226.3	4787.3	4050.4	3831.3	3807.1	3838.0
60°	10979.4	10882.5	11493.8	12973.7	14554.9	12244.3	8356.9	5797.9	4531.7	3884.1	3689.7	3691.0	3735.7
65°	9637.5	9587.7	10251.1	11647.9	13019.7	10984.5	7581.4	5409.9	4341.4	3760.2	3574.7	3580.1	3623.6
70°	8301.6	8356.4	9007.4	10392.4	11526.5	9757.5	6841.3	5027.3	4130.5	3628.7	3416.1	3429.6	3445.6
75°	7176.1	7225.0	7851.3	9154.7	10031.8	8490.0	5994.1	4547.6	3843.9	3407.3	3149.8	3142.5	3150.6
80°	6075.1	6128.5	6790.2	7742.1	8322.4	6966.2	4938.7	3880.1	3380.0	2991.5	2791.1	2771.7	2787.4
85°	5007.1	4951.3	5568.2	6296.4	6190.1	5038.5	3493.0	2987.4	2726.2	2544.5	2390.0	2377.7	2399.5

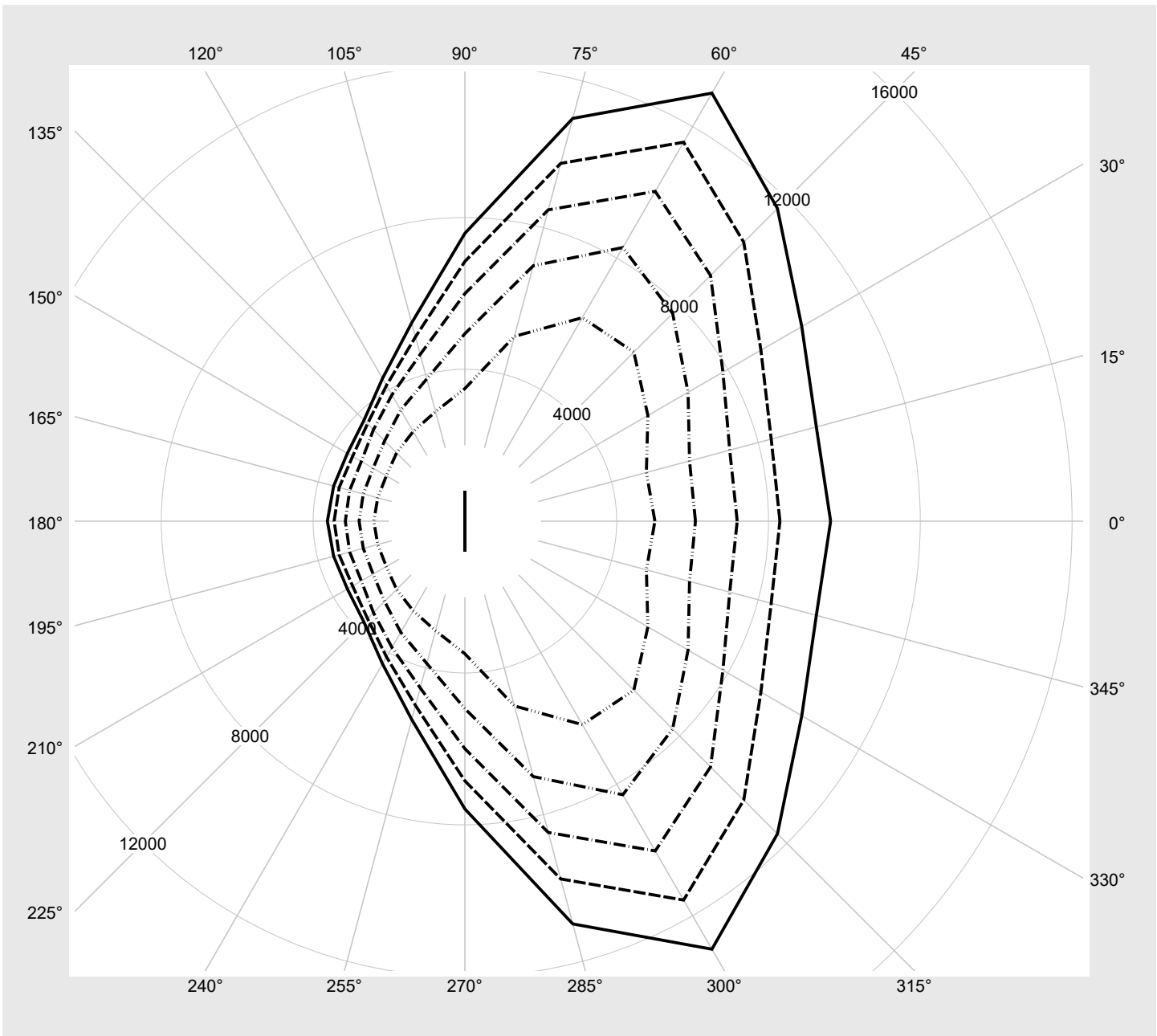
Photometric test report

Family
Licross® 11 Recessed

Order number: 51TL14DN325G
EAN: 4069025012760

LP number
58683_362

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: 51TL14DN325G EAN: 4069025012760	LP number 58683_362
---------------------------------------	--	--------------------------------------

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	2900	17.6
95	241	252	2756	16.7
90	228	250	2610	15.9
85	215	248	2464	15.0
80	202	246	2316	14.2
75	189	243	2170	13.3
70	177	241	2035	12.4
65	164	238	1887	11.6
60	151	235	1740	10.7
55	138	232	1592	10.0
50	126	228	1455	9.2
45	113	224	1306	8.4
40	100	220	1157	7.5
35	88	215	1019	6.7
30	75	209	869	5.9
25	63	203	727	5.1
20	50	194	576	4.1
15	38	184	436	3.3
11	28	173	320	2.5