
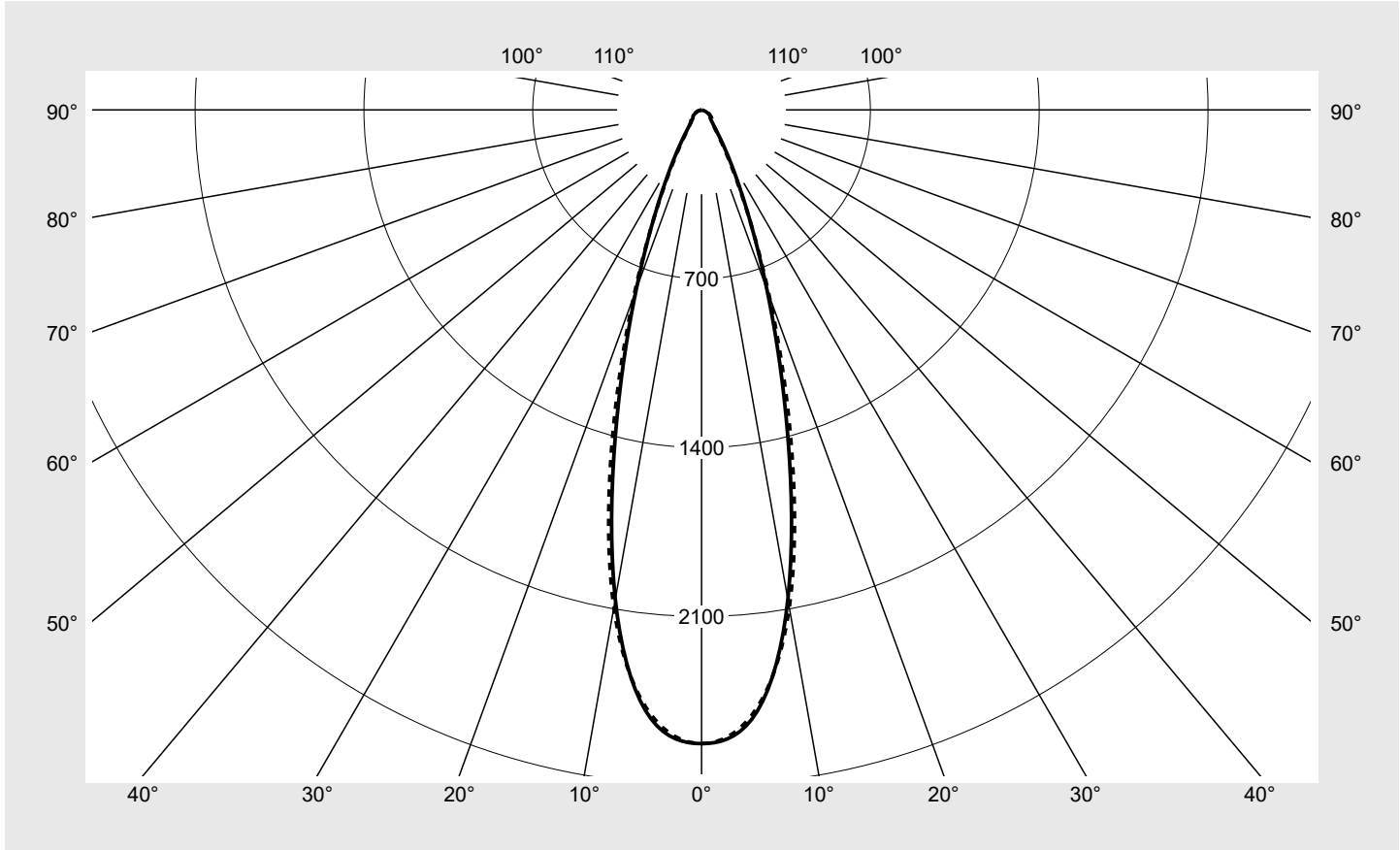


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL11DV4FXF EAN: 4058352448946	LP number 58785_22
	Version cover frosted, narrow distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 15190 lm Power consumption = 89.6 W Luminous efficacy = 169.5 lm/W	serial documentation 28.09.2020
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 2627 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=89 N2=96 N3=99 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

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Table of values for luminous intensities	Maximum luminous intensity	sITeco
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C-planes γ	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-zone	Total Phi-zone
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			
Luminous intensity in cd/klm								Luminous flux in lm/klm	
0°	2627.4	2627.4	2627.4	2627.4	2627.4	2627.4	2627.4	15.7	15.7
5°	2520.2	2503.8	2487.8	2499.1	2508.6	2505.8	2505.2	119.6	135.3
10°	2060.7	2047.7	2044.6	2066.8	2086.2	2092.0	2094.5	196.9	332.2
15°	1373.4	1369.0	1375.7	1399.2	1421.9	1432.7	1437.2	198.7	530.9
20°	791.8	790.8	796.4	808.8	818.0	819.0	819.4	151.2	682.1
25°	418.1	420.5	425.4	427.2	423.4	413.4	409.3	97.4	779.6
30°	215.7	218.7	224.8	222.9	213.7	202.3	197.8	58.9	838.4
35°	112.4	114.3	119.3	116.0	107.4	103.1	102.4	35.0	873.4
40°	70.3	69.7	69.6	67.8	65.2	68.3	71.3	24.2	897.6
45°	52.4	50.5	46.9	47.4	48.4	54.1	61.4	19.6	917.2
50°	46.4	44.6	38.1	38.0	38.3	44.7	54.3	17.8	935.0
55°	42.3	42.2	36.7	33.4	32.3	38.6	47.1	17.1	952.1
60°	32.7	32.9	34.3	30.2	28.0	32.6	38.2	15.3	967.4
65°	23.6	23.8	26.4	25.7	24.0	26.1	29.3	12.6	980.0
70°	15.1	15.6	18.2	19.4	18.6	19.5	20.9	9.4	989.4
75°	8.3	8.7	10.8	13.0	12.9	13.2	13.7	6.1	995.5
80°	4.0	4.1	5.0	6.6	7.3	7.2	7.2	3.2	998.7
85°	1.6	1.6	1.9	2.5	2.6	2.7	2.5	1.2	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

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Family Licross® 11 Recessed	Order number: 51TL11DV4FXF EAN: 4058352448946	LP number 58785_22
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UGR-Table	Standard room	siteco								
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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	15.4	16.5	15.8	16.8	17.1	15.3	16.4	15.7	16.8	17.1
	3H	16.3	17.3	16.7	17.6	18.0	16.7	17.7	17.1	18.0	18.4
	4H	16.5	17.4	16.9	17.8	18.2	17.3	18.1	17.7	18.5	18.9
	6H	16.7	17.4	17.1	17.8	18.2	17.6	18.4	18.0	18.8	19.2
	8H	16.8	17.4	17.2	17.8	18.2	17.8	18.4	18.2	18.8	19.2
	12H	16.8	17.3	17.2	17.7	18.2	17.8	18.4	18.2	18.8	19.2
4H	2H	15.9	16.8	16.3	17.2	17.5	15.8	16.7	16.2	17.1	17.5
	3H	17.0	17.8	17.5	18.2	18.6	17.4	18.1	17.8	18.5	18.9
	4H	17.3	18.0	17.8	18.4	18.8	18.0	18.6	18.4	19.1	19.5
	6H	17.5	18.0	17.9	18.4	18.9	18.4	19.0	18.9	19.4	19.9
	8H	17.5	18.0	18.0	18.4	18.9	18.5	19.0	19.0	19.5	20.0
	12H	17.5	17.9	18.0	18.4	18.9	18.6	19.0	19.1	19.5	20.0
8H	4H	17.6	18.0	18.1	18.5	19.0	18.2	18.7	18.7	19.1	19.6
	6H	17.7	18.1	18.2	18.6	19.1	18.7	19.1	19.2	19.6	20.1
	8H	17.8	18.1	18.3	18.6	19.1	18.8	19.2	19.3	19.7	20.2
	12H	17.8	18.1	18.3	18.6	19.1	18.9	19.2	19.5	19.7	20.3
12H	4H	17.6	18.0	18.1	18.5	19.0	18.2	18.6	18.7	19.0	19.5
	6H	17.8	18.1	18.3	18.6	19.1	18.7	19.0	19.2	19.5	20.0
	8H	17.8	18.1	18.4	18.6	19.2	18.9	19.1	19.4	19.6	20.2

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 2250 B = 58
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C-planes	γ	Luminance in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		8631.9	8308.0	7718.2	7796.2	7961.3	8912.9	10106.4	
50°		8407.7	8079.1	6891.7	6887.7	6931.9	8100.6	9826.9	
55°		8591.0	8566.9	7447.1	6771.7	6562.5	7835.1	9549.3	
60°		7608.7	7655.3	7983.5	7034.0	6512.7	7577.8	8891.4	
65°		6487.8	6560.3	7270.9	7088.5	6613.7	7186.9	8057.2	
70°		5142.0	5299.6	6210.6	6588.7	6343.7	6637.7	7114.9	
75°		3746.2	3920.7	4854.4	5847.8	5810.5	5926.1	6154.5	
80°		2649.1	2743.6	3369.7	4415.3	4885.2	4803.5	4844.3	
85°		2160.9	2191.6	2557.5	3316.1	3504.4	3585.9	3286.7	

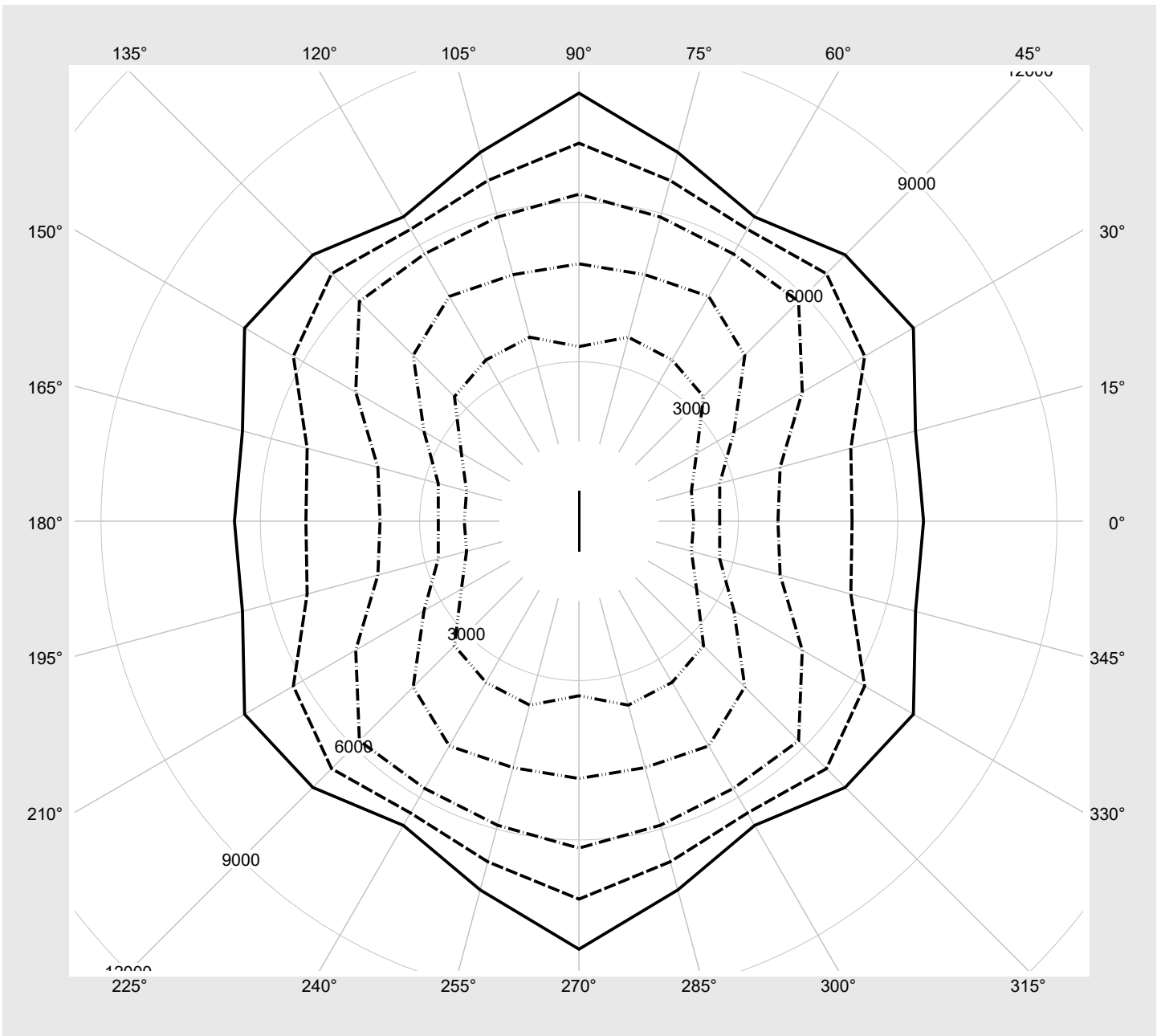
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Family
Licross® 11 Recessed

Order number: 51TL11DV4FXF
EAN: 4058352448946

LP number
58785_22

Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



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Family Licross® 11 Recessed	Order number: 51TL11DV4FXF EAN: 4058352448946	LP number 58785_22
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Dimming levels table	environmental temperature: 25°C	sITeco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	15190	89.6
95	240	252	14425	84.5
90	226	250	13651	79.3
85	213	248	12924	74.7
80	199	245	12132	69.6
75	186	243	11387	65.0
70	173	240	10634	60.4
65	160	237	9876	55.7
60	147	234	9107	51.3
55	134	231	8335	46.8
50	122	227	7611	42.7
45	109	223	6820	38.3
40	97	219	6083	34.3
35	85	214	5339	30.2
30	72	208	4527	25.9
25	60	201	3769	22.0
20	49	194	3070	18.5
15	37	183	2300	14.6
10	25	169	1524	10.5
5	13	145	742	6.7
2	6	117	283	4.5