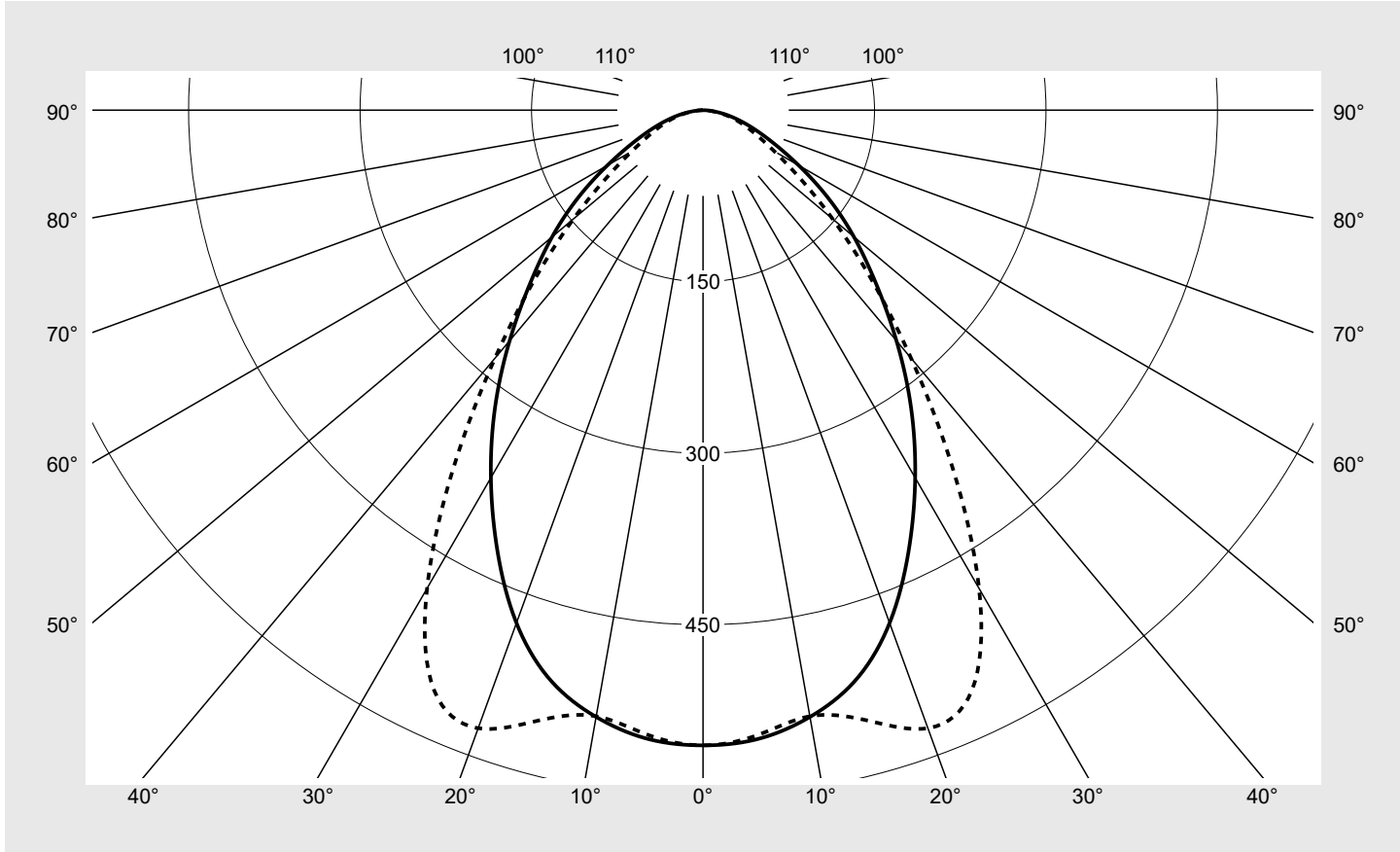


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DV4M2MD EAN: 4058352922415	LP number 58689_104
	Version cover frosted, wide distribution, high visual comfort Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-DALI Setting AC-mode Rated values Net luminous flux = 27150 lm Power consumption = 150.5 W Luminous efficacy = 180.4 lm/W	serial documentation 04.10.2023 

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 575 cd/klm**



Classifications	
DIN 5040	A 5 0
CIE	N1=66 N2=91 N3=98 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

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Table of values for luminous intensities		Maximum luminous intensity
		sITeco

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°	555.4	555.4	555.4	555.4	555.4	555.4	555.4	3.3	3.3
5°	551.9	549.3	545.0	546.0	548.1	548.0	548.5	26.2	29.5
10°	538.7	535.0	528.7	529.1	532.7	535.9	538.2	50.8	80.3
15°	515.9	510.9	504.6	513.1	530.5	544.7	552.3	74.2	154.5
20°	477.2	471.4	470.1	497.6	537.0	563.7	575.1	95.8	250.2
25°	425.5	419.5	426.9	469.4	521.2	548.6	558.0	111.1	361.3
30°	371.2	364.3	378.4	421.3	459.9	477.2	482.9	115.5	476.8
35°	317.2	309.8	328.6	357.7	367.8	374.7	379.7	109.4	586.2
40°	263.2	255.5	280.4	291.4	277.2	277.7	283.1	97.2	683.4
45°	213.7	204.0	230.1	230.5	202.8	200.2	207.0	82.5	765.9
50°	172.3	160.2	177.2	176.6	149.6	143.3	148.0	67.7	833.6
55°	133.3	121.6	126.4	129.1	111.8	101.0	103.0	53.0	886.6
60°	96.7	87.9	85.2	90.2	83.1	71.0	72.1	39.7	926.3
65°	67.7	61.0	56.3	61.1	60.5	50.8	52.1	29.0	955.3
70°	46.9	41.7	36.5	40.2	42.1	36.4	38.1	20.6	975.8
75°	30.9	26.7	22.6	25.0	27.1	24.7	26.6	13.7	989.5
80°	17.8	14.8	12.0	13.1	14.7	14.1	15.6	7.7	997.1
85°	6.6	5.4	4.4	4.8	5.3	5.4	5.9	2.9	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

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DV4M2MD EAN: 4058352922415	LP number 58689_104
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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	24.9	26.4	25.3	26.7	27.1	24.4	25.9	24.8	26.2	26.5
	3H	25.7	27.0	26.1	27.3	27.7	25.0	26.3	25.4	26.7	27.0
	4H	26.0	27.2	26.4	27.5	27.9	25.3	26.5	25.7	26.8	27.2
	6H	26.2	27.3	26.6	27.7	28.1	25.5	26.6	25.9	27.0	27.4
	8H	26.3	27.3	26.7	27.7	28.1	25.6	26.6	26.0	27.0	27.4
	12H	26.3	27.3	26.8	27.7	28.1	25.6	26.6	26.1	27.0	27.4
4H	2H	25.3	26.5	25.7	26.9	27.2	24.8	26.1	25.2	26.4	26.8
	3H	26.1	27.1	26.5	27.5	27.9	25.6	26.6	26.0	27.0	27.4
	4H	26.4	27.4	26.9	27.8	28.2	26.0	26.9	26.4	27.3	27.7
	6H	26.7	27.5	27.2	28.0	28.4	26.2	27.0	26.7	27.5	27.9
	8H	26.8	27.5	27.3	28.0	28.5	26.3	27.1	26.8	27.5	28.0
	12H	26.9	27.5	27.4	28.0	28.5	26.4	27.0	26.9	27.5	28.0
8H	4H	26.5	27.3	27.0	27.7	28.2	26.1	26.8	26.6	27.3	27.7
	6H	26.9	27.5	27.4	27.9	28.4	26.4	27.0	26.9	27.5	28.0
	8H	27.0	27.5	27.5	28.0	28.5	26.6	27.1	27.1	27.6	28.1
	12H	27.1	27.5	27.6	28.0	28.5	26.7	27.1	27.2	27.6	28.1
12H	4H	26.6	27.2	27.0	27.6	28.1	26.1	26.7	26.6	27.2	27.7
	6H	26.9	27.4	27.4	27.9	28.4	26.5	27.0	27.0	27.4	28.0
	8H	27.0	27.4	27.5	27.9	28.5	26.6	27.0	27.1	27.5	28.1

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°		62876.6	60017.6	67688.6	67807.2	59672.5	58895.8	60913.3
50°		55757.3	51864.3	57359.4	57169.4	48422.4	46381.1	47900.4
55°		48360.0	44090.8	45832.9	46817.3	40542.3	36645.3	37360.6
60°		40224.9	36564.9	35463.1	37522.8	34590.6	29546.3	29984.0
65°		33318.9	30042.8	27728.6	30060.5	29795.2	25027.9	25629.0
70°		28519.5	25392.3	22209.1	24466.5	25614.9	22155.6	23179.3
75°		24865.6	21437.3	18142.4	20057.9	21764.4	19828.0	21363.3
80°		21290.0	17687.4	14348.3	15753.7	17559.2	16939.8	18697.4
85°		15737.9	12892.5	10486.4	11388.7	12596.5	12813.7	14021.6

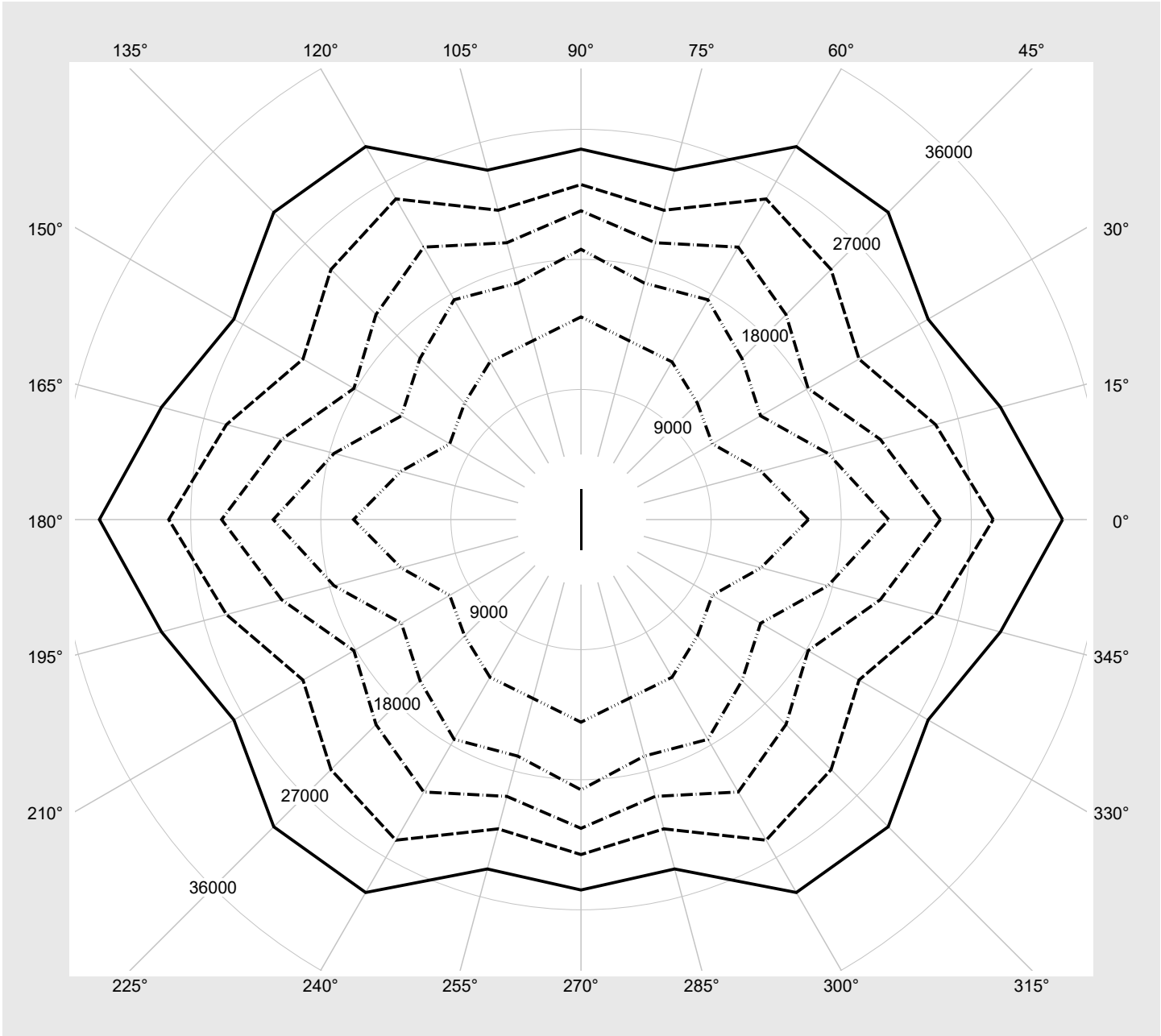
Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DV4M2MD EAN: 4058352922415	LP number 58689_104
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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: 51TL12DV4M2MD EAN: 4058352922415	LP number 58689_104
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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	27150	150.5
95	240	252	25769	141.7
90	226	250	24426	133.0
85	212	247	23047	124.4
80	199	245	21745	116.4
75	185	242	20326	107.9
70	172	240	18995	100.2
65	159	237	17647	92.6
60	146	234	16285	85.0
55	133	230	14913	77.5
50	120	227	13526	70.1
45	108	223	12234	63.2
40	95	218	10818	55.8
35	83	213	9495	49.0
30	71	207	8156	42.2
25	59	201	6804	35.3
20	47	192	5442	28.6
15	35	181	4064	21.7
10	23	166	2674	14.6
5	12	142	1390	7.9
2	4	102	446	2.8