

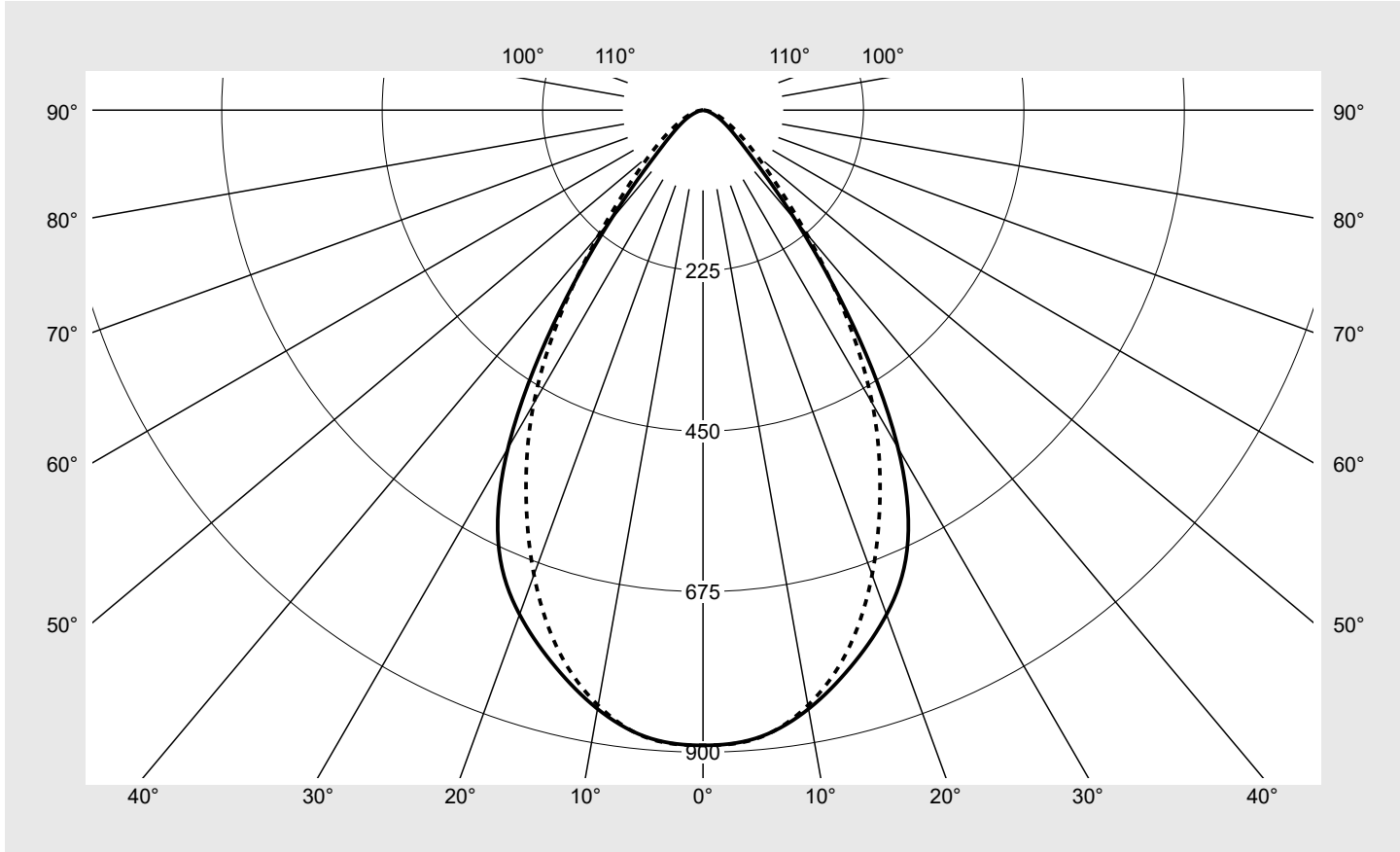
Photometric test report

Family Licross® 11 Recessed	Order number: 51TE18DN695GD EAN: 4069025276223	LP number 58691_207
	Version cover frosted, medium distribution, high visual comfort Lamps LED 6500 K CRI ≥ 80 Controlgear ECG-DALI Setting AC-mode Rated values Net luminous flux = 9710 lm Power consumption = 56.7 W Luminous efficacy = 171.3 lm/W	serial documentation 06.11.2024





Luminous intensity in cd/klm C180-0 C270-90 **Imax: 890 cd/klm**



Classifications	
DIN 5040	A 6 0
CIE	N1=83 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

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°	890.5	890.5	890.5	890.5	890.5	890.5	890.5	5.3	5.3
5°	883.0	882.3	875.7	876.1	880.2	881.2	883.8	42.0	47.4
10°	852.3	852.7	846.0	846.4	847.1	846.1	847.2	80.7	128.1
15°	806.0	807.1	800.6	798.1	793.1	786.0	783.9	113.0	241.1
20°	752.4	753.8	745.8	735.1	719.0	700.4	693.3	136.8	377.8
25°	677.7	678.7	666.2	642.3	616.2	594.6	587.5	147.9	525.7
30°	547.1	547.0	530.5	500.0	481.5	475.9	474.8	139.1	664.9
35°	364.4	363.5	349.1	327.1	328.9	340.7	345.9	108.2	773.0
40°	203.2	202.2	193.4	185.6	201.9	218.9	225.4	71.4	844.5
45°	108.8	108.0	102.7	103.7	123.9	139.5	144.1	45.5	890.0
50°	66.7	66.1	62.8	66.6	83.9	94.8	97.2	31.9	921.9
55°	45.6	45.3	45.3	49.0	60.9	67.0	67.8	24.3	946.1
60°	31.9	31.8	34.1	38.0	45.2	47.1	47.1	18.6	964.8
65°	21.6	21.7	24.8	28.3	33.6	33.2	32.9	14.0	978.8
70°	13.4	13.7	16.2	19.9	24.5	23.3	22.8	9.9	988.7
75°	7.5	7.7	9.1	12.7	16.1	15.5	14.8	6.4	995.1
80°	4.0	4.1	4.6	6.4	8.9	8.9	8.1	3.5	998.6
85°	1.9	1.8	2.0	2.6	3.4	3.5	3.0	1.4	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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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	18.9	20.2	19.2	20.5	20.8	19.8	21.1	20.1	21.4	21.7
	3H	19.0	20.2	19.4	20.5	20.9	20.3	21.4	20.6	21.8	22.1
	4H	19.1	20.1	19.5	20.5	20.9	20.5	21.5	20.9	21.9	22.2
	6H	19.1	20.0	19.5	20.4	20.8	20.6	21.5	21.0	21.9	22.3
	8H	19.1	20.0	19.6	20.4	20.8	20.7	21.5	21.1	21.9	22.3
	12H	19.1	19.9	19.6	20.3	20.7	20.7	21.5	21.2	21.9	22.3
4H	2H	19.0	20.1	19.4	20.4	20.8	19.9	20.9	20.3	21.3	21.7
	3H	19.3	20.2	19.7	20.6	21.0	20.5	21.4	21.0	21.8	22.2
	4H	19.4	20.1	19.8	20.6	21.0	20.8	21.6	21.3	22.0	22.5
	6H	19.4	20.1	19.8	20.5	21.0	21.0	21.7	21.5	22.1	22.6
	8H	19.4	20.0	19.9	20.4	20.9	21.1	21.7	21.6	22.1	22.6
	12H	19.4	19.9	19.9	20.4	20.9	21.2	21.7	21.7	22.1	22.6
8H	4H	19.5	20.1	19.9	20.5	21.0	20.8	21.4	21.3	21.9	22.4
	6H	19.5	20.0	20.0	20.5	21.0	21.1	21.6	21.6	22.1	22.6
	8H	19.5	19.9	20.0	20.4	21.0	21.2	21.7	21.7	22.1	22.7
	12H	19.5	19.9	20.1	20.4	20.9	21.3	21.7	21.8	22.2	22.7
12H	4H	19.5	20.0	20.0	20.5	21.0	20.8	21.3	21.3	21.8	22.3
	6H	19.5	19.9	20.1	20.4	21.0	21.1	21.5	21.6	22.0	22.5
	8H	19.6	19.9	20.1	20.4	20.9	21.2	21.6	21.8	22.1	22.6

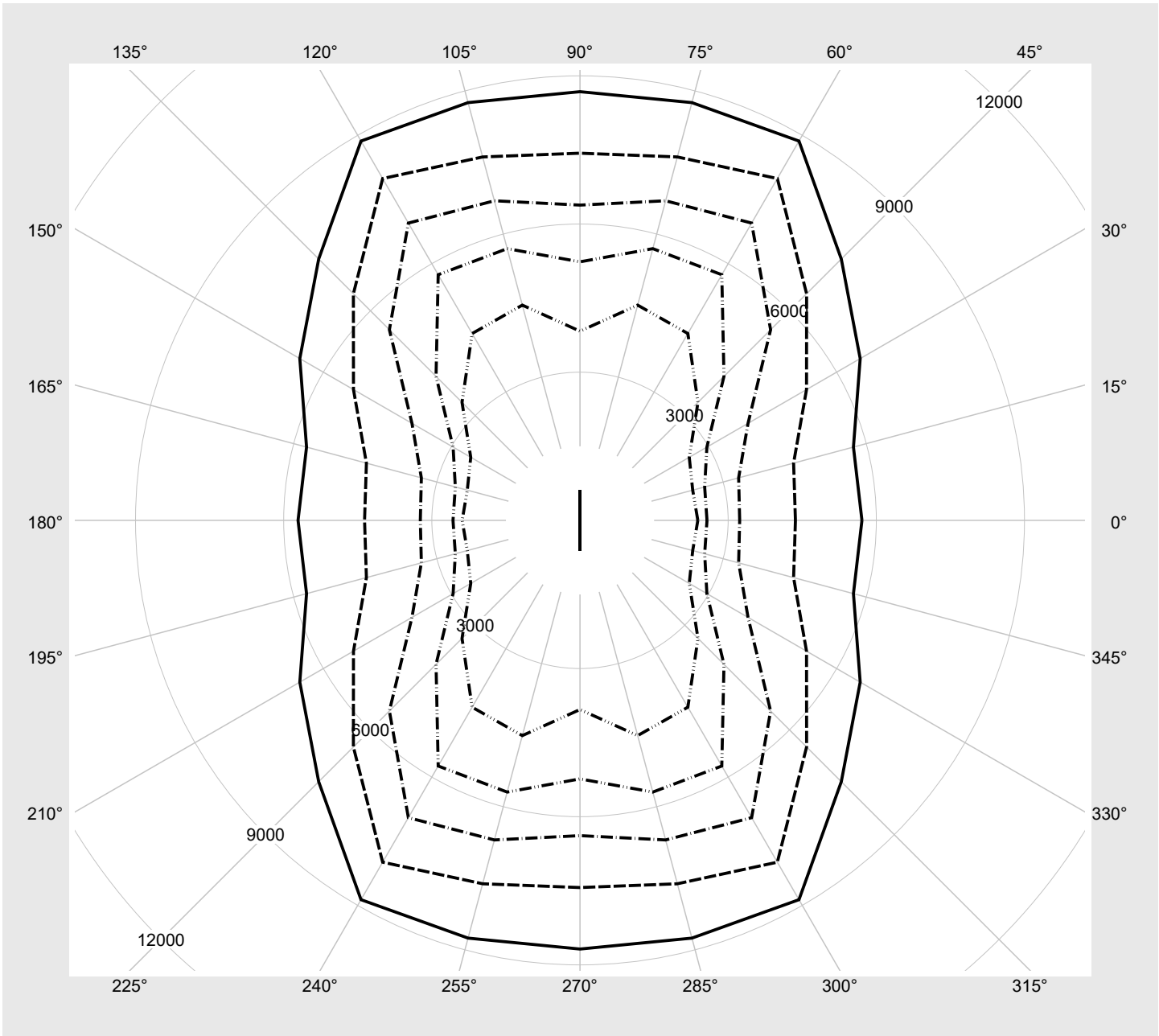
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1500 B = 58
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C-planes	γ	Luminance in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		17176.7	17051.5	16203.0	16360.7	19560.4	22013.5	22750.9	
50°		11589.3	11477.1	10897.6	11568.5	14573.7	16460.1	16885.6	
55°		8870.5	8816.2	8821.1	9527.8	11841.6	13033.5	13191.3	
60°		7127.4	7092.1	7622.7	8489.7	10081.4	10512.2	10502.4	
65°		5709.1	5732.3	6551.0	7482.7	8867.9	8756.2	8679.3	
70°		4362.3	4477.5	5296.2	6488.9	7991.3	7617.4	7434.3	
75°		3233.3	3325.6	3928.9	5458.0	6950.5	6698.6	6383.0	
80°		2571.6	2613.3	2966.8	4122.5	5742.8	5695.2	5234.4	
85°		2385.7	2362.7	2554.7	3378.1	4368.0	4511.5	3830.2	

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



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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	9710	56.7
95	240	252	9218	53.6
90	227	250	8754	50.6
85	213	248	8252	47.5
80	200	245	7782	44.6
75	186	243	7269	41.5
70	173	240	6792	38.5
65	160	237	6310	35.7
60	147	234	5823	32.8
55	134	231	5327	29.9
50	122	227	4870	27.4
45	109	223	4370	24.6
40	97	219	3902	22.1
35	84	213	3393	19.3
30	72	208	2920	16.9
25	60	201	2440	14.4
20	48	193	1959	11.8
15	36	182	1474	9.3
10	24	168	984	6.8
5	12	142	489	4.4
2	4	102	157	2.8