

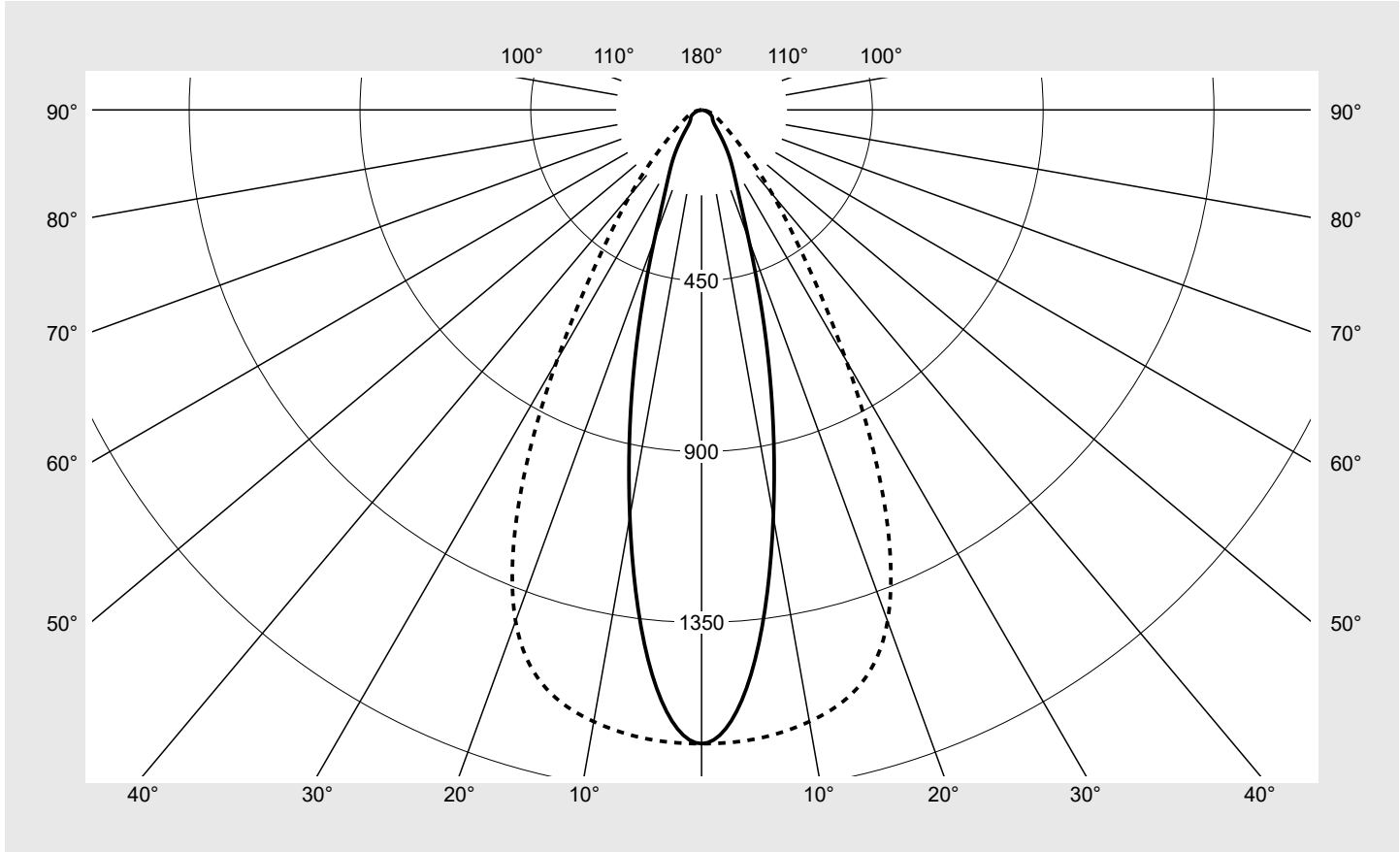


Photometric test report

Family Licross® 11 Recessed	Order number: 51TE1EDN695G EAN: 4069025493330	LP number 59263_277
	Version cover frosted, elliptical narrow distribution Lamps LED 6500 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 9660 lm Power consumption = 56.7 W Luminous efficacy = 170.4 lm/W	serial documentation 09.07.2025
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 1670 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=85 N2=95 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
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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°	1669.5	1669.5	1669.5	1669.5	1669.5	1669.5	1669.5	10.0	10.0
5°	1493.3	1495.6	1516.6	1565.9	1616.3	1649.8	1662.9	75.0	85.0
10°	1088.5	1106.7	1175.0	1303.4	1460.6	1586.1	1636.2	126.8	211.8
15°	678.3	712.7	825.0	1006.5	1239.9	1474.8	1578.7	151.0	362.9
20°	362.1	388.9	492.0	707.6	980.6	1275.8	1432.9	148.2	511.0
25°	217.8	231.1	285.8	436.7	705.9	972.9	1137.5	127.8	638.8
30°	151.3	158.5	185.3	264.1	455.8	646.3	761.7	99.0	737.8
35°	95.4	107.0	131.3	171.8	268.4	391.1	463.8	70.7	808.5
40°	57.7	64.5	93.9	120.6	157.9	239.7	291.4	50.0	858.5
45°	43.5	45.9	58.2	86.3	99.5	145.4	176.9	35.2	893.7
50°	37.7	39.0	42.8	61.0	68.3	89.3	109.1	26.2	919.9
55°	34.6	35.0	36.7	43.5	50.5	59.6	73.7	20.9	940.8
60°	30.2	31.1	32.8	34.2	38.6	42.0	53.5	17.5	958.3
65°	23.9	25.4	29.1	28.1	30.1	30.8	41.3	14.6	972.8
70°	17.0	18.4	22.5	23.3	23.4	22.7	30.8	11.5	984.3
75°	10.9	12.0	16.2	17.9	17.4	15.7	20.7	8.4	992.7
80°	6.2	6.7	9.0	10.7	11.0	9.3	11.6	5.0	997.7
85°	3.1	3.3	4.2	5.0	4.8	3.9	4.2	2.3	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
175°	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									
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	15.0	16.3	15.4	16.6	16.9	20.0	21.3	20.4	21.6	21.9
	3H	16.2	17.3	16.6	17.6	18.0	20.6	21.7	21.0	22.0	22.4
	4H	16.6	17.6	17.0	18.0	18.3	20.9	21.9	21.3	22.2	22.6
	6H	16.8	17.7	17.2	18.1	18.5	21.1	22.0	21.5	22.3	22.7
	8H	17.0	17.8	17.4	18.2	18.6	21.3	22.0	21.7	22.4	22.8
	12H	17.0	17.8	17.4	18.2	18.6	21.3	22.0	21.7	22.4	22.8
4H	2H	15.9	16.8	16.3	17.2	17.5	20.0	21.1	20.4	21.4	21.8
	3H	17.3	18.1	17.7	18.5	18.9	20.7	21.6	21.2	22.0	22.4
	4H	17.8	18.5	18.2	18.9	19.4	21.1	21.9	21.6	22.3	22.7
	6H	18.1	18.7	18.5	19.2	19.6	21.4	22.0	21.9	22.5	22.9
	8H	18.2	18.8	18.7	19.2	19.7	21.5	22.1	22.0	22.5	23.0
	12H	18.3	18.8	18.8	19.3	19.7	21.6	22.1	22.1	22.5	23.0
8H	4H	18.3	18.8	18.7	19.3	19.7	21.2	21.8	21.7	22.2	22.7
	6H	18.7	19.2	19.2	19.6	20.2	21.6	22.1	22.1	22.5	23.1
	8H	18.9	19.3	19.4	19.8	20.3	21.7	22.2	22.3	22.6	23.2
	12H	19.0	19.3	19.5	19.8	20.4	21.8	22.2	22.4	22.7	23.2
12H	4H	18.3	18.8	18.8	19.2	19.7	21.2	21.7	21.7	22.2	22.7
	6H	18.8	19.2	19.3	19.7	20.2	21.6	22.0	22.1	22.5	23.0
	8H	19.0	19.4	19.5	19.9	20.4	21.8	22.1	22.3	22.6	23.2

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 1500 B = 58	
C-planes	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
γ	Luminance in cd/m ²						
45°	6828.9	7203.6	9131.4	13547.9	15629.5	22831.6	27784.3
50°	6519.0	6733.4	7392.7	10543.1	11800.0	15430.8	18852.0
55°	6690.6	6771.7	7108.4	8416.0	9779.2	11542.6	14270.7
60°	6696.7	6916.8	7287.2	7600.8	8570.3	9322.7	11878.9
65°	6286.6	6666.5	7649.9	7385.1	7916.1	8086.6	10854.4
70°	5511.5	5961.4	7297.7	7571.3	7595.4	7358.7	10008.1
75°	4657.7	5151.9	6947.3	7693.3	7471.1	6753.0	8875.7
80°	3935.0	4255.4	5758.6	6814.3	7014.5	5939.0	7430.1
85°	3981.2	4246.2	5402.9	6404.3	6135.5	4960.9	5316.3

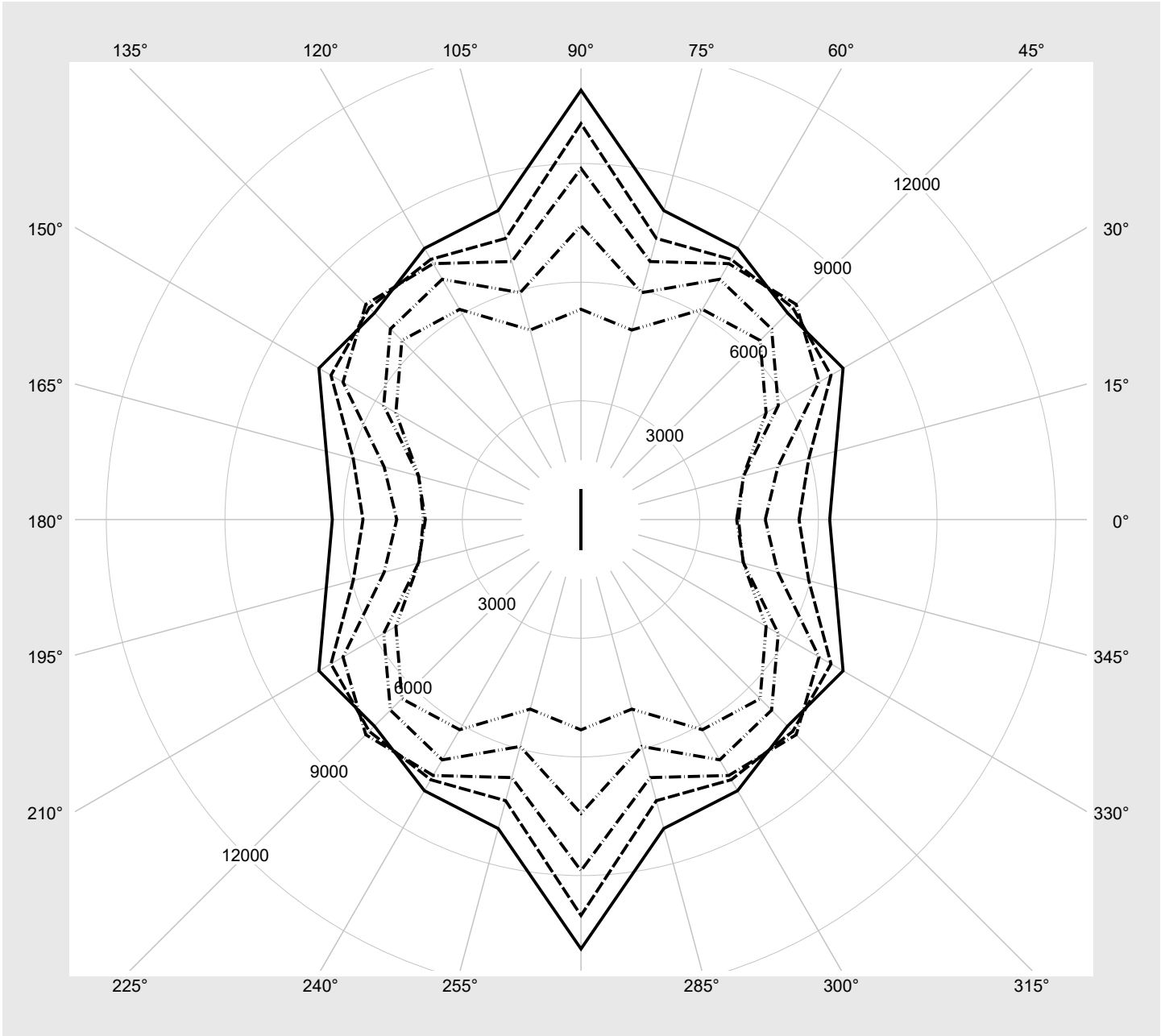
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Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

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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	9660	56.7
95	240	252	9170	53.6
90	227	250	8709	50.6
85	213	248	8209	47.5
80	200	245	7742	44.6
75	186	243	7232	41.5
70	173	240	6757	38.5
65	160	237	6278	35.7
60	147	234	5793	32.8
55	134	231	5300	29.9
50	122	227	4845	27.4
45	109	223	4347	24.6
40	97	219	3882	22.1
35	84	213	3376	19.3
30	72	208	2905	16.9
25	60	201	2427	14.4
20	48	193	1949	11.8
15	36	182	1466	9.3
10	24	168	979	6.8
5	12	142	486	4.4
2	4	102	157	2.8