



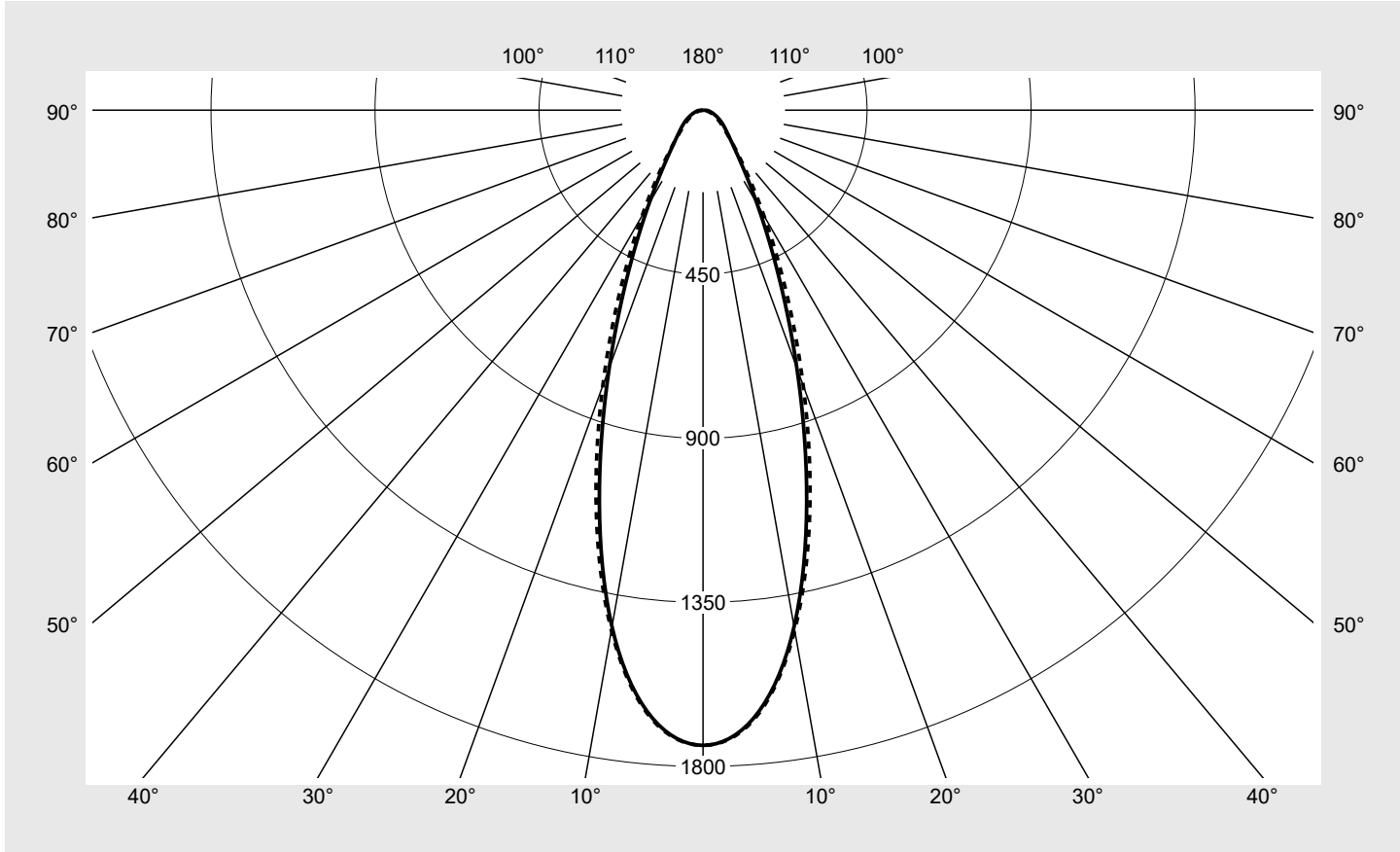
Photometric test report

Family Licross® 11 Protected	Order number: 51TP11DN685G EAN: 4069025419767	LP number 58526_244
	Version prismatic cover, frosted, narrow distribution Lamps LED 6500 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 8870 lm Power consumption = 51.8 W Luminous efficacy = 171.2 lm/W	serial documentation 10.04.2025





Luminous intensity in cd/klm C180-0 C270-90 **Imax: 1742 cd/klm**




Classifications	
DIN 5040	A 7 0
CIE	N1=83 N2=94 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

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Table of values for luminous intensities		
Maximum luminous intensity		

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°	1742.2	1742.2	1742.2	1742.2	1742.2	1742.2	1742.2	10.4	10.4
5°	1666.1	1675.3	1660.6	1665.8	1671.6	1669.6	1670.7	79.7	90.1
10°	1438.7	1454.0	1443.6	1449.9	1452.8	1449.1	1448.5	137.9	228.0
15°	1099.0	1113.1	1114.3	1128.7	1137.3	1134.2	1132.4	159.4	387.5
20°	752.6	761.9	768.4	788.3	803.8	805.8	803.7	147.1	534.5
25°	477.8	482.8	489.1	506.4	523.2	529.8	529.1	117.2	651.7
30°	296.4	297.2	300.0	310.9	324.6	332.2	333.5	85.9	737.6
35°	189.3	187.5	185.3	189.4	198.7	205.9	208.7	61.1	798.7
40°	131.6	127.9	121.5	120.2	125.3	132.4	136.6	44.7	843.4
45°	99.4	94.4	85.5	81.0	83.2	90.3	95.8	34.4	877.7
50°	79.8	74.4	64.7	58.7	59.3	65.8	72.1	27.9	905.7
55°	65.2	60.1	51.3	45.2	44.8	50.3	56.0	23.4	929.0
60°	52.4	48.1	41.3	36.1	35.0	38.9	43.4	19.6	948.6
65°	41.2	37.9	33.1	29.2	27.7	29.8	32.8	16.1	964.7
70°	31.9	29.5	26.2	23.4	21.7	22.1	23.6	12.9	977.6
75°	24.4	22.6	20.2	18.2	16.5	15.4	15.7	10.0	987.6
80°	18.3	17.0	15.2	13.6	11.8	9.9	9.2	7.3	994.9
85°	13.3	12.5	11.1	9.7	7.7	5.4	4.2	5.0	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	16.2	17.4	16.5	17.7	18.0	16.0	17.3	16.4	17.6	17.9
	3H	17.3	18.4	17.7	18.7	19.1	16.9	18.0	17.3	18.3	18.7
	4H	17.8	18.8	18.2	19.2	19.5	17.3	18.3	17.7	18.7	19.0
	6H	18.3	19.2	18.7	19.6	20.0	17.6	18.5	18.0	18.9	19.3
	8H	18.6	19.4	19.1	19.8	20.2	17.8	18.5	18.2	18.9	19.3
	12H	18.9	19.6	19.3	20.0	20.4	17.8	18.5	18.3	18.9	19.4
4H	2H	16.4	17.4	16.8	17.8	18.1	16.3	17.3	16.7	17.6	18.0
	3H	17.7	18.5	18.1	18.9	19.3	17.3	18.2	17.7	18.6	19.0
	4H	18.3	19.1	18.8	19.5	20.0	17.8	18.6	18.2	19.0	19.4
	6H	19.0	19.6	19.5	20.1	20.5	18.2	18.8	18.7	19.3	19.8
	8H	19.3	19.9	19.8	20.3	20.8	18.4	18.9	18.8	19.4	19.9
	12H	19.7	20.1	20.2	20.6	21.1	18.5	19.0	19.0	19.4	19.9
8H	4H	18.5	19.1	19.0	19.5	20.0	18.0	18.6	18.5	19.0	19.5
	6H	19.3	19.8	19.8	20.2	20.8	18.5	19.0	19.0	19.5	20.0
	8H	19.7	20.1	20.2	20.6	21.1	18.8	19.2	19.3	19.7	20.2
	12H	20.2	20.5	20.7	21.0	21.6	19.0	19.3	19.5	19.8	20.3
12H	4H	18.6	19.0	19.1	19.5	20.0	18.1	18.5	18.6	19.0	19.5
	6H	19.4	19.7	19.9	20.2	20.8	18.7	19.0	19.2	19.5	20.0
	8H	19.8	20.2	20.4	20.7	21.2	18.9	19.2	19.4	19.8	20.3

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1480	H(C0) = 13	H(C180) = 13
			B = 78	H(C90) = 0	H(C270) = 0

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°		9260.5	8836.2	8116.3	7876.3	8349.5	9405.4	10406.0		
50°		7958.3	7458.4	6600.5	6154.4	6446.7	7485.7	8616.8		
55°		7051.8	6542.4	5700.8	5182.2	5366.1	6345.8	7507.1		
60°		6246.7	5785.6	5079.3	4602.1	4694.8	5563.7	6667.3		
65°		5521.9	5127.6	4600.3	4235.8	4269.1	4966.2	5968.3		
70°		4920.0	4589.0	4214.3	3966.7	3975.0	4430.6	5295.1		
75°		4466.8	4191.2	3906.7	3752.2	3739.5	3944.5	4674.6		
80°		4154.1	3930.3	3694.5	3610.4	3537.5	3516.4	4065.5		
85°		4027.1	3884.2	3695.7	3643.9	3497.5	3207.4	3669.2		

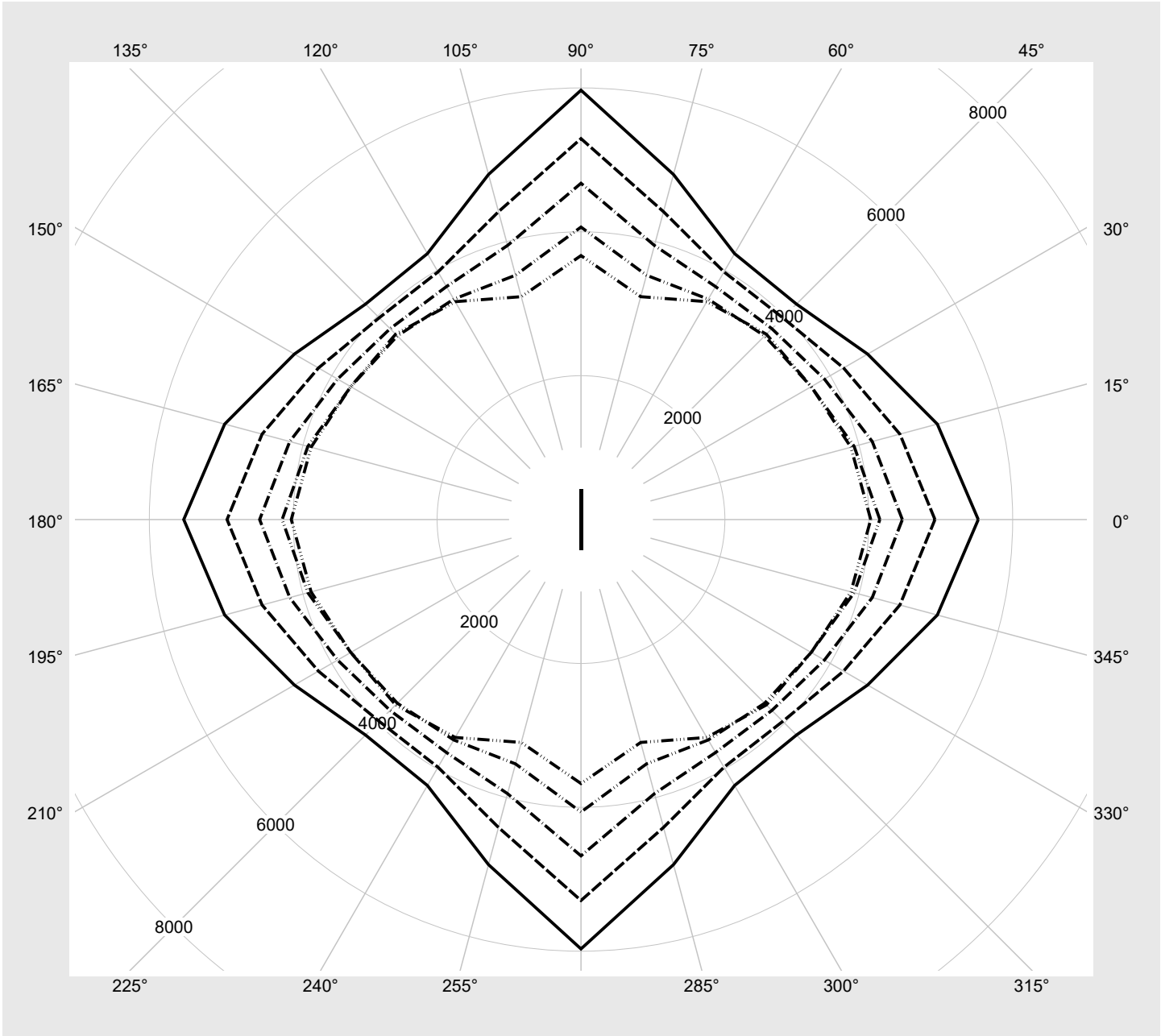
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Luminance values in cd/m²

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	8870	51.8
95	240	252	8414	48.9
90	227	250	7989	46.2
85	213	248	7528	43.3
80	200	245	7095	40.8
75	187	243	6656	38.1
70	174	240	6218	35.5
65	161	237	5776	32.8
60	148	234	5330	30.3
55	135	231	4879	27.7
50	122	227	4425	25.2
45	110	223	4004	22.9
40	97	219	3544	20.4
35	85	214	3117	18.1
30	72	208	2647	15.7
25	60	201	2214	13.3
20	48	193	1776	11.0
15	36	182	1336	8.7
10	24	168	889	6.5
5	12	142	441	4.3
2	4	102	142	2.9