

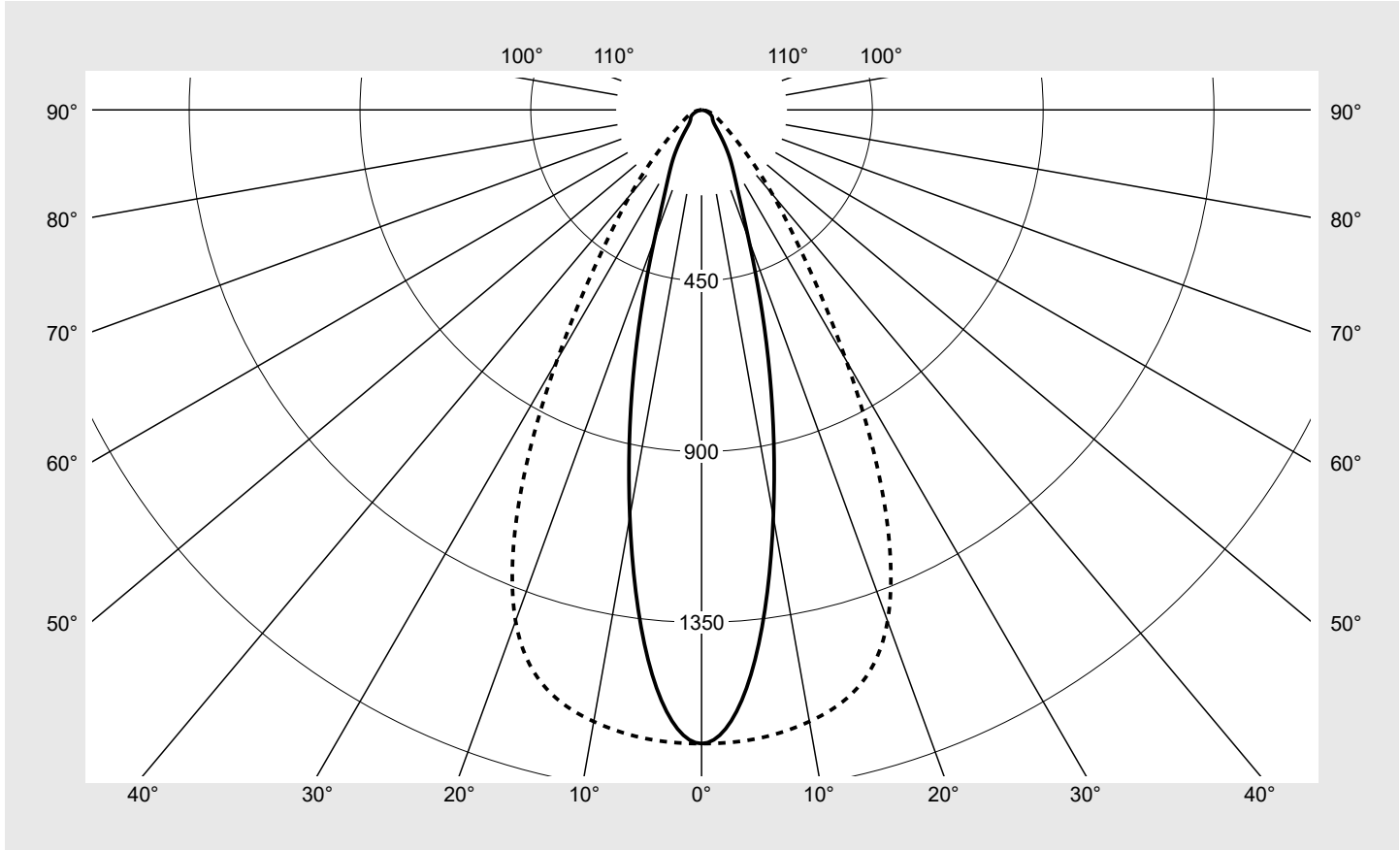


Photometric test report

Family Licross® 11 Recessed	Order number: 51TE1EDN495G EAN: 4058352926789	LP number 59263_183
	Version cover frosted, elliptical narrow distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 9900 lm Power consumption = 56.7 W Luminous efficacy = 174.6 lm/W	serial documentation 14.09.2023
		

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

Photometric test report

Family Licross® 11 Recessed	Order number: 51TE1EDN495G EAN: 4058352926789	LP number 59263_183
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°	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

Photometric test report

Family Licross® 11 Recessed	Order number: 51TE1EDN495G EAN: 4058352926789	LP number 59263_183
---------------------------------------	--	-------------------------------

UGR-Table	Standard room	siteco
------------------	----------------------	---------------

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	15.1	16.3	15.5	16.7	17.0	20.1	21.4	20.5	21.7	22.0
	3H	16.3	17.4	16.7	17.7	18.1	20.7	21.8	21.1	22.1	22.4
	4H	16.6	17.7	17.0	18.0	18.4	21.0	21.9	21.4	22.3	22.7
	6H	16.9	17.8	17.3	18.2	18.6	21.2	22.1	21.6	22.4	22.8
	8H	17.1	17.9	17.5	18.3	18.7	21.3	22.1	21.8	22.5	22.9
	12H	17.1	17.9	17.5	18.3	18.7	21.4	22.0	21.8	22.4	22.9
4H	2H	15.9	16.9	16.3	17.3	17.6	20.1	21.1	20.5	21.5	21.9
	3H	17.4	18.2	17.8	18.6	19.0	20.8	21.7	21.2	22.1	22.5
	4H	17.9	18.6	18.3	19.0	19.5	21.2	21.9	21.6	22.4	22.8
	6H	18.2	18.8	18.6	19.3	19.7	21.5	22.1	22.0	22.6	23.0
	8H	18.3	18.9	18.8	19.3	19.8	21.6	22.2	22.1	22.6	23.1
	12H	18.4	18.9	18.9	19.3	19.8	21.7	22.1	22.2	22.6	23.1
8H	4H	18.4	18.9	18.8	19.3	19.8	21.3	21.9	21.8	22.3	22.8
	6H	18.8	19.2	19.3	19.7	20.2	21.7	22.2	22.2	22.6	23.1
	8H	18.9	19.3	19.4	19.8	20.4	21.8	22.2	22.3	22.7	23.3
	12H	19.1	19.4	19.6	19.9	20.5	21.9	22.3	22.4	22.8	23.3
12H	4H	18.4	18.9	18.9	19.3	19.8	21.3	21.8	21.8	22.2	22.7
	6H	18.9	19.3	19.4	19.8	20.3	21.7	22.1	22.2	22.6	23.1
	8H	19.1	19.4	19.6	19.9	20.5	21.9	22.2	22.4	22.7	23.3

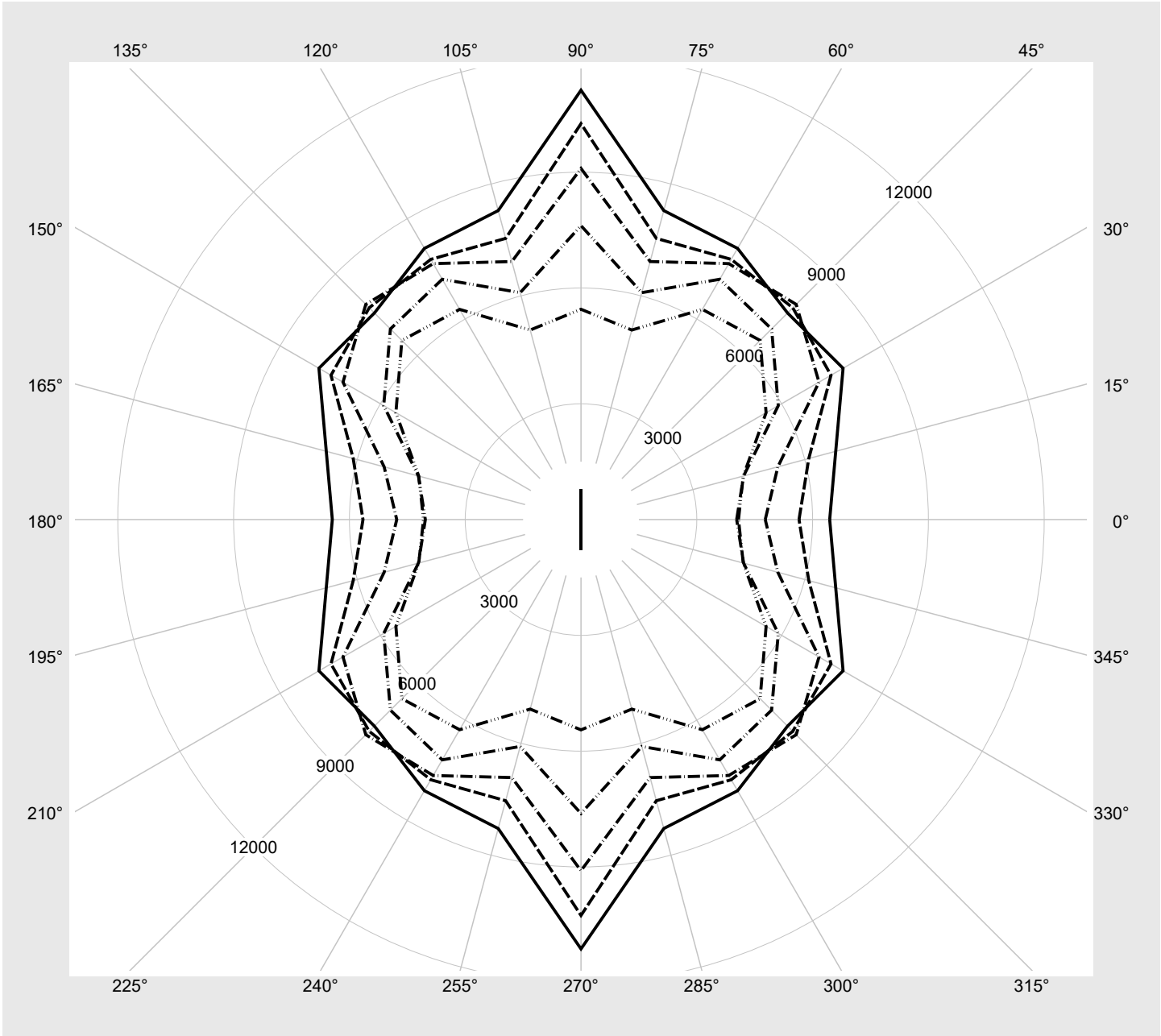
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1500
			B = 58

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°		6998.6	7382.6	9358.3	13884.5	16017.8	23398.9	28474.6	
50°		6681.0	6900.7	7576.4	10805.1	12093.1	15814.1	19320.4	
55°		6856.8	6940.0	7285.0	8625.1	10022.2	11829.3	14625.3	
60°		6863.1	7088.6	7468.2	7789.6	8783.2	9554.3	12174.0	
65°		6442.8	6832.1	7840.0	7568.6	8112.7	8287.5	11124.1	
70°		5648.4	6109.5	7479.0	7759.4	7784.1	7541.5	10256.7	
75°		4773.4	5279.9	7119.9	7884.5	7656.7	6920.7	9096.2	
80°		4032.8	4361.1	5901.7	6983.6	7188.7	6086.5	7614.7	
85°		4080.1	4351.7	5537.2	6563.4	6287.9	5084.1	5448.4	

Photometric test report

Family Licross® 11 Recessed	Order number: 51TE1EDN495G EAN: 4058352926789	LP number 59263_183
--	--	--------------------------------------

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: 51TE1EDN495G EAN: 4058352926789	LP number 59263_183
---------------------------------------	--	--------------------------------------

Dimming levels table	environmental temperature: 25°C	sITeco
-----------------------------	---------------------------------	---------------

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	9900	56.7
95	240	252	9400	53.6
90	226	250	8892	50.4
85	213	248	8419	47.5
80	199	245	7904	44.4
75	186	243	7419	41.5
70	173	240	6933	38.5
65	160	237	6442	35.7
60	147	234	5946	32.8
55	134	231	5443	29.9
50	121	227	4937	27.2
45	109	223	4465	24.6
40	96	218	3948	21.9
35	84	213	3469	19.3
30	72	208	2986	16.9
25	60	201	2495	14.4
20	47	192	1963	11.6
15	35	181	1467	9.1
10	24	168	1008	6.8
5	12	142	500	4.4
2	4	102	161	2.8