
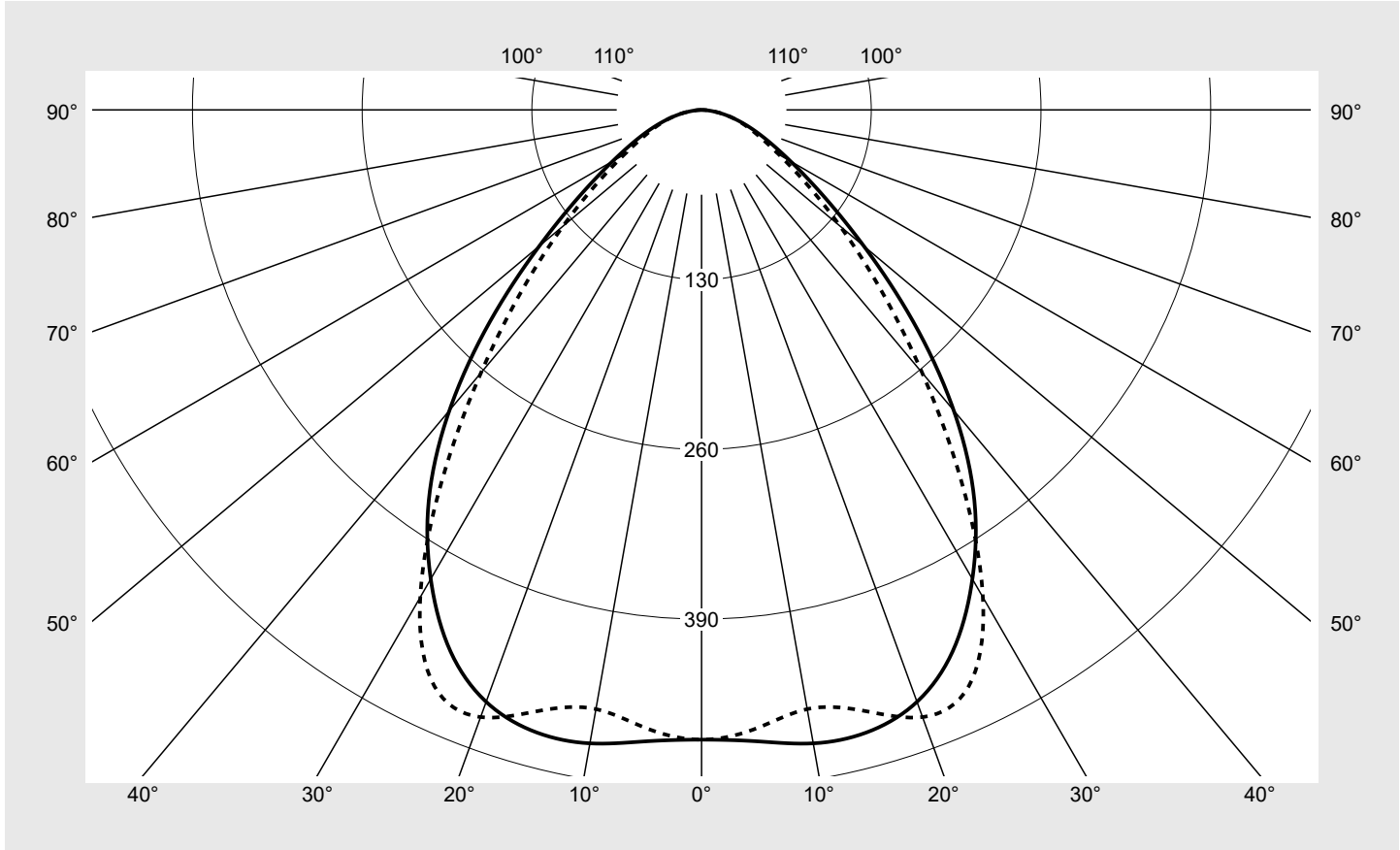


Photometric test report

Family Licross® 11 Recessed	Order number: 51TE12DV4FXG3S4 EAN: 4058352934906	LP number 58637_214
	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 = 15360 lm Power consumption = 87.9 W Luminous efficacy = 174.7 lm/W	serial documentation 12.10.2023



Luminous intensity in cd/klm C180-0 C270-90 **Imax: 498 cd/klm**



Classifications	
DIN 5040	A 5 0
CIE	N1=67 N2=92 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°	482.3	482.3	482.3	482.3	482.3	482.3	482.3	2.9	2.9
5°	485.4	482.8	478.2	477.5	477.4	475.9	475.7	22.9	25.8
10°	492.7	488.2	477.9	471.3	467.6	465.9	466.0	45.2	71.0
15°	493.2	486.1	471.9	467.9	471.0	473.7	476.3	67.5	138.5
20°	482.5	473.5	462.5	471.9	487.1	492.8	494.9	89.9	228.4
25°	456.4	447.1	449.2	479.4	497.6	491.1	485.8	109.5	337.8
30°	414.9	406.8	427.0	475.1	479.0	447.1	431.1	121.4	459.2
35°	364.2	358.0	387.7	436.7	420.7	368.9	346.8	122.0	581.2
40°	300.5	296.3	322.5	357.9	336.0	284.8	262.9	110.4	691.6
45°	229.2	226.3	238.5	259.8	247.2	211.8	193.4	90.1	781.7
50°	162.3	159.3	161.6	173.6	174.5	155.2	138.5	68.2	849.9
55°	112.5	108.0	105.1	112.3	121.6	110.9	97.2	49.6	899.5
60°	78.7	73.1	68.3	73.1	83.7	77.4	68.5	35.5	935.0
65°	56.0	50.2	45.0	48.4	56.8	54.5	49.6	25.5	960.5
70°	39.5	34.5	29.5	32.1	37.8	38.5	36.6	18.1	978.6
75°	26.0	22.0	18.4	20.2	23.9	25.9	25.8	12.0	990.6
80°	14.9	12.2	9.9	10.8	13.0	14.8	15.3	6.8	997.4
85°	5.4	4.3	3.6	4.0	4.7	5.6	5.8	2.5	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	22.7	24.2	23.1	24.5	24.8	22.8	24.3	23.2	24.6	24.9
	3H	23.2	24.6	23.6	24.9	25.2	23.4	24.7	23.7	25.0	25.4
	4H	23.5	24.7	23.8	25.0	25.4	23.6	24.8	24.0	25.2	25.5
	6H	23.6	24.7	24.0	25.1	25.5	23.8	24.9	24.2	25.3	25.7
	8H	23.7	24.7	24.1	25.1	25.5	23.9	24.9	24.3	25.3	25.7
	12H	23.7	24.7	24.2	25.1	25.5	23.9	24.9	24.4	25.3	25.7
4H	2H	22.9	24.2	23.3	24.5	24.9	23.0	24.3	23.4	24.6	25.0
	3H	23.5	24.6	24.0	25.0	25.4	23.7	24.8	24.2	25.1	25.6
	4H	23.8	24.7	24.3	25.1	25.6	24.1	25.0	24.5	25.4	25.8
	6H	24.0	24.8	24.5	25.3	25.7	24.3	25.1	24.8	25.6	26.0
	8H	24.1	24.8	24.6	25.3	25.8	24.4	25.2	24.9	25.6	26.1
	12H	24.2	24.8	24.7	25.3	25.8	24.5	25.1	25.0	25.6	26.1
8H	4H	23.9	24.6	24.4	25.0	25.5	24.1	24.8	24.6	25.3	25.8
	6H	24.1	24.7	24.6	25.2	25.7	24.5	25.0	25.0	25.5	26.0
	8H	24.2	24.8	24.7	25.2	25.8	24.6	25.1	25.1	25.6	26.1
	12H	24.3	24.7	24.8	25.2	25.8	24.7	25.1	25.2	25.6	26.2
12H	4H	23.9	24.5	24.4	25.0	25.5	24.1	24.7	24.6	25.2	25.7
	6H	24.2	24.7	24.7	25.1	25.7	24.5	25.0	25.0	25.5	26.0
	8H	24.3	24.7	24.8	25.2	25.7	24.6	25.0	25.1	25.5	26.1

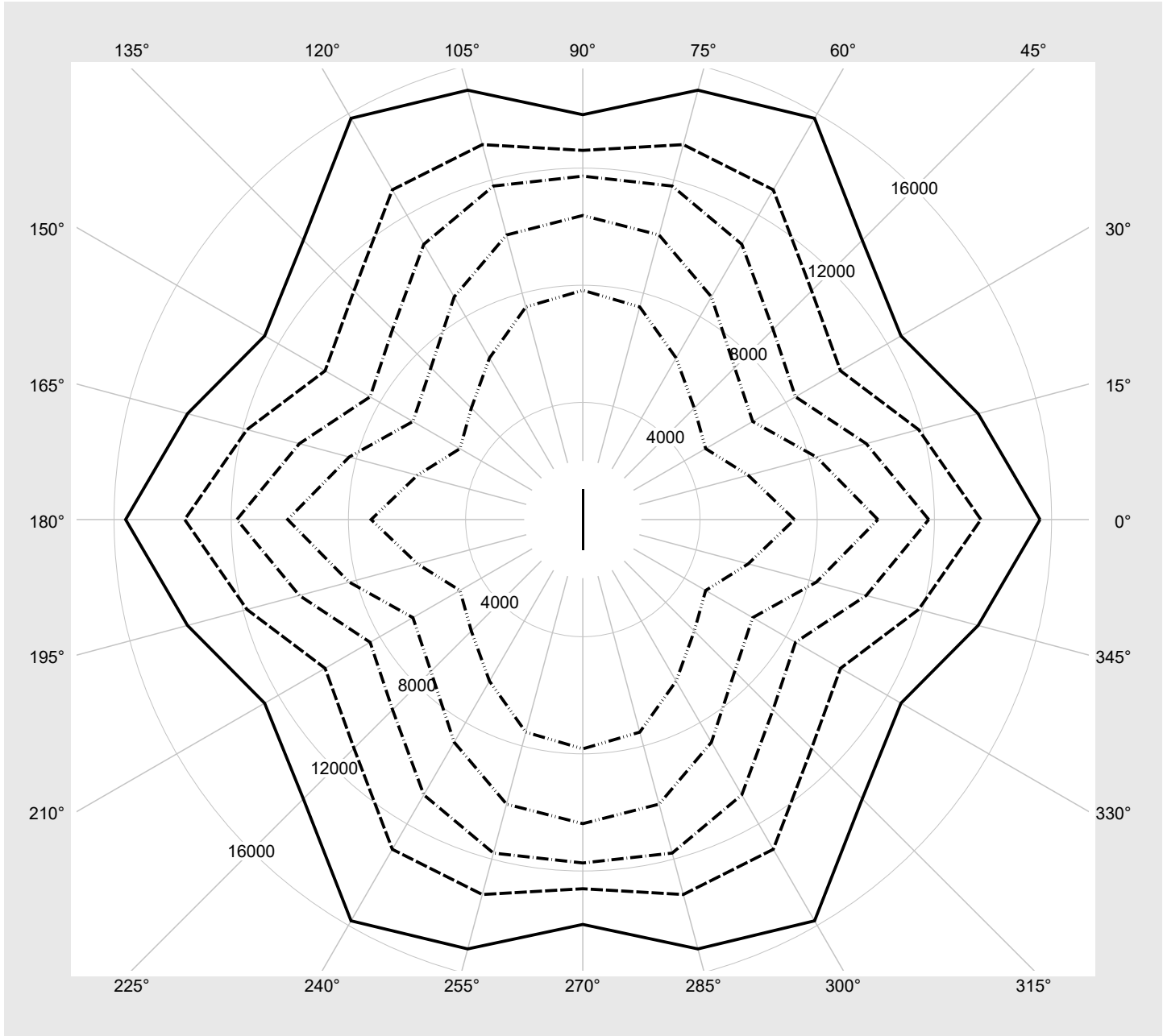
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 2250 B = 58
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C-planes	γ	Luminance in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		38143.6	37669.5	39700.7	43242.7	41141.7	35261.7	32184.5	
50°		29719.0	29176.8	29591.0	31794.9	31958.6	28425.2	25362.3	
55°		23081.9	22159.3	21569.2	23053.4	24961.6	22766.8	19941.7	
60°		18528.5	17217.6	16083.6	17215.7	19692.6	18212.1	16113.3	
65°		15605.7	13969.5	12540.8	13489.7	15821.3	15178.2	13825.0	
70°		13588.5	11866.5	10157.8	11045.7	13002.5	13255.1	12606.4	
75°		11807.9	10015.7	8382.6	9183.9	10854.3	11790.2	11726.5	
80°		10073.7	8254.4	6696.8	7332.6	8780.4	10060.1	10384.1	
85°		7225.0	5844.8	4842.8	5381.6	6370.2	7515.4	7828.7	

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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	15360	87.9
95	240	252	14585	83.2
90	226	250	13797	78.5
85	213	248	13061	74.2
80	199	245	12264	69.5
75	186	243	11512	65.2
70	173	240	10758	60.8
65	160	237	9996	56.5
60	147	234	9226	52.3
55	134	231	8444	48.0
50	121	227	7659	43.8
45	109	223	6928	40.0
40	96	218	6125	35.9
35	84	213	5383	32.0
30	72	208	4632	28.3
25	59	201	3809	24.2
20	47	192	3046	20.2
15	35	181	2276	16.1
10	24	168	1563	12.3
5	12	142	776	8.0
2	4	102	250	5.1