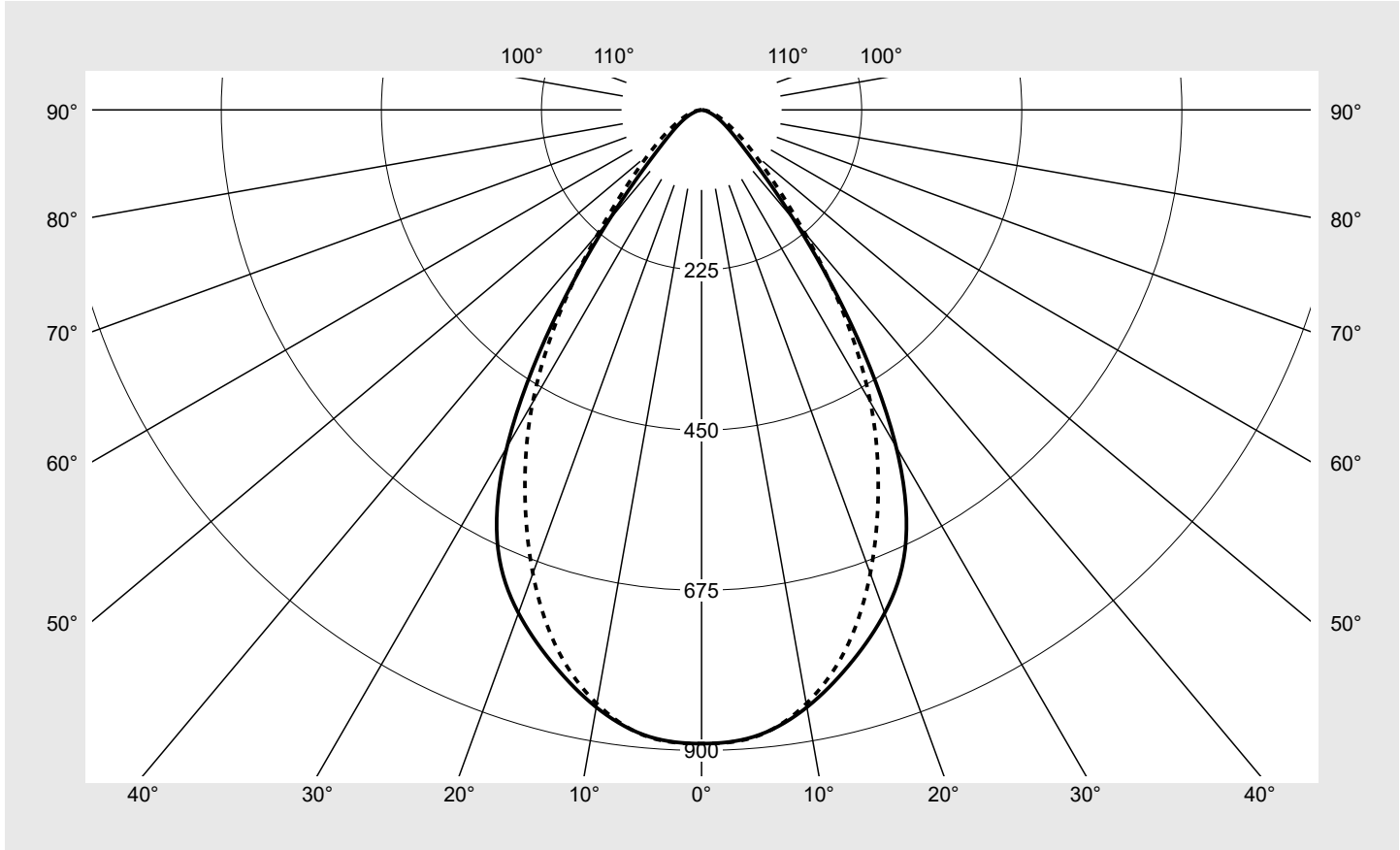


# Photometric test report

<b>Family</b> <b>Licross® 11 Recessed</b>	<b>Order number: 51TE18DV4E5GE</b> <b>EAN: 4058352965238</b>	<b>LP number</b> <b>58691_156</b>
	<b>Version</b> cover frosted, medium distribution, high visual comfort <b>Lamps</b> LED 4000 K   CRI ≥ 80 <b>Controlgear</b> ECG-DALI <b>Rated values</b> Net luminous flux = 14980 lm Power consumption = 84.5 W Luminous efficacy = 177.3 lm/W	<b>serial documentation</b> <b>26.09.2023</b>



**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	
$\eta_{LB}$	100.0%
$\phi_u$	100.0%
$\phi_o$	0.0%

**Measurement conditions**  
DIN EN 13032 and DIN 5032

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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>



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

## Photometric test report

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<b>UGR-Table</b>	<b>Standard room</b>	<b>siteco</b>
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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	20.3	19.3	20.6	20.9	19.9	21.2	20.2	21.5	21.8
	3H	19.1	20.3	19.5	20.6	21.0	20.4	21.5	20.7	21.8	22.2
	4H	19.2	20.2	19.6	20.6	21.0	20.6	21.6	21.0	22.0	22.3
	6H	19.2	20.1	19.6	20.5	20.9	20.7	21.6	21.1	22.0	22.4
	8H	19.2	20.1	19.7	20.5	20.9	20.8	21.6	21.2	22.0	22.4
	12H	19.2	20.0	19.7	20.4	20.8	20.8	21.6	21.2	22.0	22.4
4H	2H	19.1	20.2	19.5	20.5	20.9	20.0	21.0	20.4	21.4	21.7
	3H	19.4	20.3	19.8	20.7	21.1	20.6	21.5	21.0	21.9	22.3
	4H	19.5	20.2	19.9	20.7	21.1	20.9	21.7	21.4	22.1	22.6
	6H	19.5	20.2	19.9	20.6	21.1	21.1	21.8	21.6	22.2	22.7
	8H	19.5	20.1	20.0	20.5	21.0	21.2	21.8	21.7	22.2	22.7
	12H	19.5	20.0	20.0	20.5	21.0	21.3	21.8	21.8	22.2	22.7
8H	4H	19.6	20.2	20.0	20.6	21.1	20.9	21.5	21.4	22.0	22.5
	6H	19.6	20.1	20.1	20.6	21.1	21.2	21.7	21.7	22.2	22.7
	8H	19.6	20.0	20.1	20.5	21.1	21.3	21.8	21.8	22.2	22.8
	12H	19.6	20.0	20.2	20.5	21.0	21.4	21.8	21.9	22.3	22.8
12H	4H	19.6	20.1	20.1	20.6	21.1	20.9	21.4	21.4	21.9	22.4
	6H	19.6	20.0	20.2	20.5	21.1	21.2	21.6	21.7	22.1	22.6
	8H	19.7	20.0	20.2	20.5	21.0	21.3	21.7	21.9	22.2	22.7

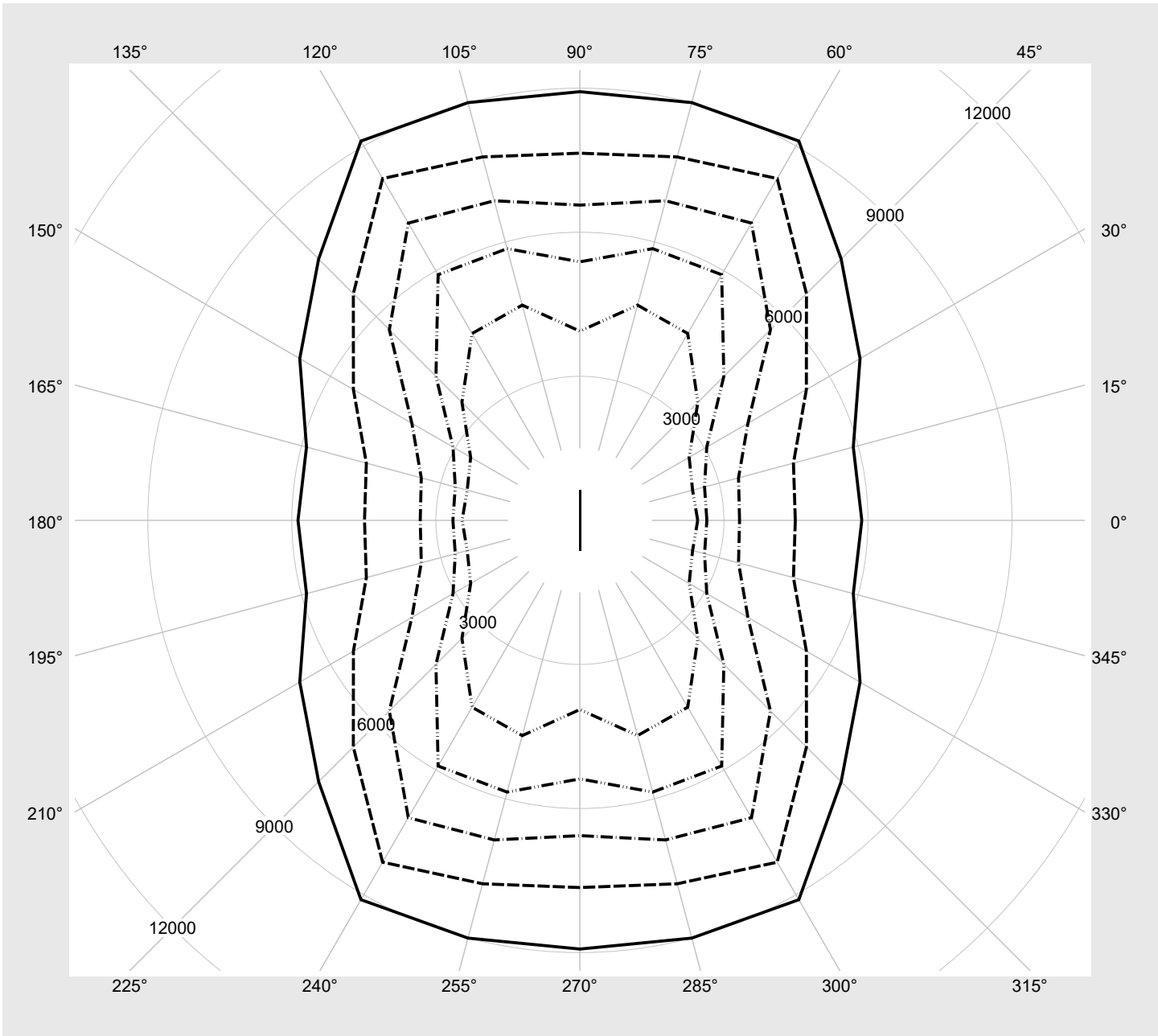
<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	<b>Photometric dimensions in mm:</b>	<b>L = 2250</b>
			<b>B = 58</b>

C-planes	$\gamma$	Luminance in cd/m <sup>2</sup>						
		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°		17666.1	17537.4	16664.7	16826.8	20117.7	22640.8	23399.2
50°		11919.5	11804.2	11208.1	11898.1	14989.0	16929.1	17366.8
55°		9123.3	9067.4	9072.4	9799.3	12179.0	13404.8	13567.1
60°		7330.4	7294.2	7839.9	8731.6	10368.7	10811.8	10801.7
65°		5871.8	5895.7	6737.7	7695.9	9120.5	9005.7	8926.6
70°		4486.6	4605.1	5447.1	6673.8	8219.0	7834.4	7646.1
75°		3325.5	3420.4	4040.8	5613.5	7148.5	6889.5	6564.9
80°		2644.8	2687.8	3051.4	4239.9	5906.4	5857.5	5383.6
85°		2453.7	2430.0	2627.5	3474.4	4492.5	4640.0	3939.3

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**Luminance values in cd/m<sup>2</sup>**     γ 65°   γ 70°   γ 75°   γ 80°   γ 85°     **siteco**



## Photometric test report

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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>sITeco</b>
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	14980	84.5
95	240	252	14225	79.8
90	226	250	13456	75.1
85	213	248	12739	70.7
80	199	245	11961	66.0
75	186	243	11228	61.7
70	173	240	10493	57.3
65	160	237	9750	53.0
60	147	234	8999	48.7
55	134	231	8237	44.4
50	121	227	7471	40.1
45	109	223	6758	36.4
40	96	218	5975	32.2
35	84	213	5251	28.4
30	72	208	4519	24.6
25	59	201	3715	20.4
20	47	192	2971	16.5
15	35	181	2220	12.4
10	24	168	1525	8.6
5	12	142	757	4.2
2	4	102	244	1.3