

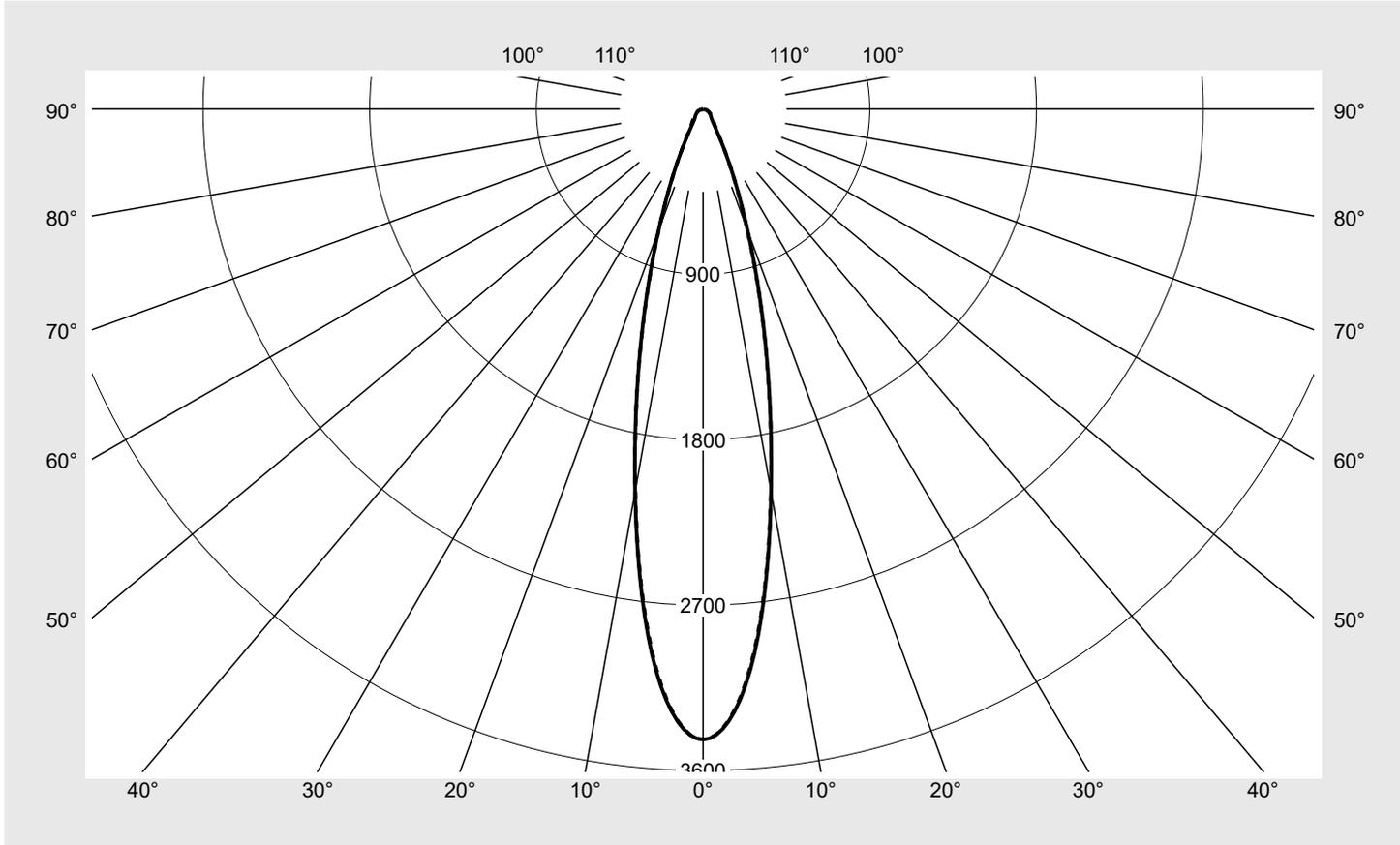
# Photometric test report

<b>Family</b> <b>Licross® 11 Recessed</b>	<b>Order number: 51TL11MV4HXS</b> <b>EAN: 4058352929575</b>	<b>LP number</b> <b>58784_322</b>
	<b>Version</b> cover frosted, narrow distribution <b>Lamps</b> LED 4000 K   CRI ≥ 80 <b>Controlgear</b> ECG Multilumen <b>Rated values</b> Net luminous flux = 17230 lm Power consumption = 89.2 W Luminous efficacy = 193.2 lm/W	<b>serial documentation</b> <b>11.10.2023</b>





**Luminous intensity in cd/klm** C180-0 C270-90 **Imax: 3431 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=87 N2=95 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>
		<b>siteco</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°	3431.3	3431.3	3431.3	3431.3	3431.3	3431.3	3431.3	20.5	20.5
5°	3030.0	3009.9	2995.2	3008.4	3015.8	3015.7	3017.5	143.9	164.4
10°	2113.5	2098.5	2092.1	2104.8	2111.9	2109.7	2109.2	200.3	364.7
15°	1287.2	1281.7	1283.9	1294.7	1294.7	1286.2	1283.2	182.7	547.4
20°	703.4	705.4	717.6	726.5	719.3	702.5	697.3	133.5	680.9
25°	354.0	358.8	370.9	376.0	367.5	355.6	354.0	84.3	765.2
30°	176.2	179.2	185.6	185.7	179.6	178.8	183.6	49.7	814.9
35°	102.4	102.6	103.9	102.5	99.6	107.7	116.7	32.8	847.7
40°	73.1	72.4	71.7	70.6	70.7	80.9	90.2	26.3	874.0
45°	60.7	58.7	57.0	56.9	57.9	66.7	75.5	23.6	897.6
50°	52.7	51.5	51.2	50.6	50.0	56.0	63.2	22.2	919.8
55°	44.8	43.4	45.4	45.0	43.0	46.3	51.7	20.3	940.1
60°	37.3	36.1	38.2	39.8	37.2	38.0	41.8	18.1	958.2
65°	29.8	28.9	31.0	34.0	31.7	30.7	33.0	15.5	973.8
70°	21.9	21.7	22.9	26.9	25.3	23.3	24.3	12.3	986.1
75°	12.2	12.7	14.5	18.5	17.7	15.7	16.0	8.2	994.3
80°	5.5	5.6	6.4	9.0	10.0	8.8	8.6	4.2	998.5
85°	2.2	2.1	2.4	3.2	3.5	3.4	3.0	1.6	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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<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	16.5	17.6	16.8	17.9	18.3	16.9	18.0	17.2	18.3	18.6
	3H	17.8	18.8	18.2	19.2	19.5	18.3	19.3	18.7	19.6	20.0
	4H	18.2	19.1	18.6	19.5	19.9	18.8	19.7	19.2	20.1	20.4
	6H	18.4	19.2	18.8	19.6	20.0	19.1	19.9	19.5	20.3	20.7
	8H	18.5	19.2	18.9	19.6	20.0	19.3	20.0	19.7	20.4	20.8
	12H	18.5	19.1	18.9	19.5	19.9	19.3	20.0	19.7	20.3	20.8
4H	2H	17.2	18.1	17.6	18.5	18.9	17.5	18.4	17.9	18.8	19.2
	3H	18.7	19.5	19.1	19.9	20.3	19.1	19.9	19.5	20.3	20.7
	4H	19.1	19.8	19.6	20.2	20.7	19.7	20.4	20.2	20.8	21.3
	6H	19.3	19.9	19.8	20.4	20.8	20.1	20.7	20.6	21.2	21.6
	8H	19.4	19.9	19.9	20.3	20.8	20.3	20.8	20.8	21.2	21.7
	12H	19.4	19.8	19.9	20.3	20.8	20.3	20.8	20.8	21.2	21.7
8H	4H	19.5	20.0	20.0	20.4	20.9	20.0	20.5	20.5	21.0	21.5
	6H	19.8	20.1	20.3	20.6	21.1	20.6	21.0	21.1	21.4	21.9
	8H	19.8	20.1	20.3	20.6	21.2	20.7	21.1	21.2	21.5	22.1
	12H	19.8	20.1	20.3	20.6	21.2	20.8	21.1	21.3	21.6	22.1
12H	4H	19.5	19.9	20.0	20.4	20.9	20.0	20.4	20.5	20.9	21.4
	6H	19.8	20.1	20.3	20.6	21.1	20.5	20.9	21.0	21.4	21.9
	8H	19.8	20.1	20.3	20.6	21.2	20.7	21.0	21.2	21.5	22.1

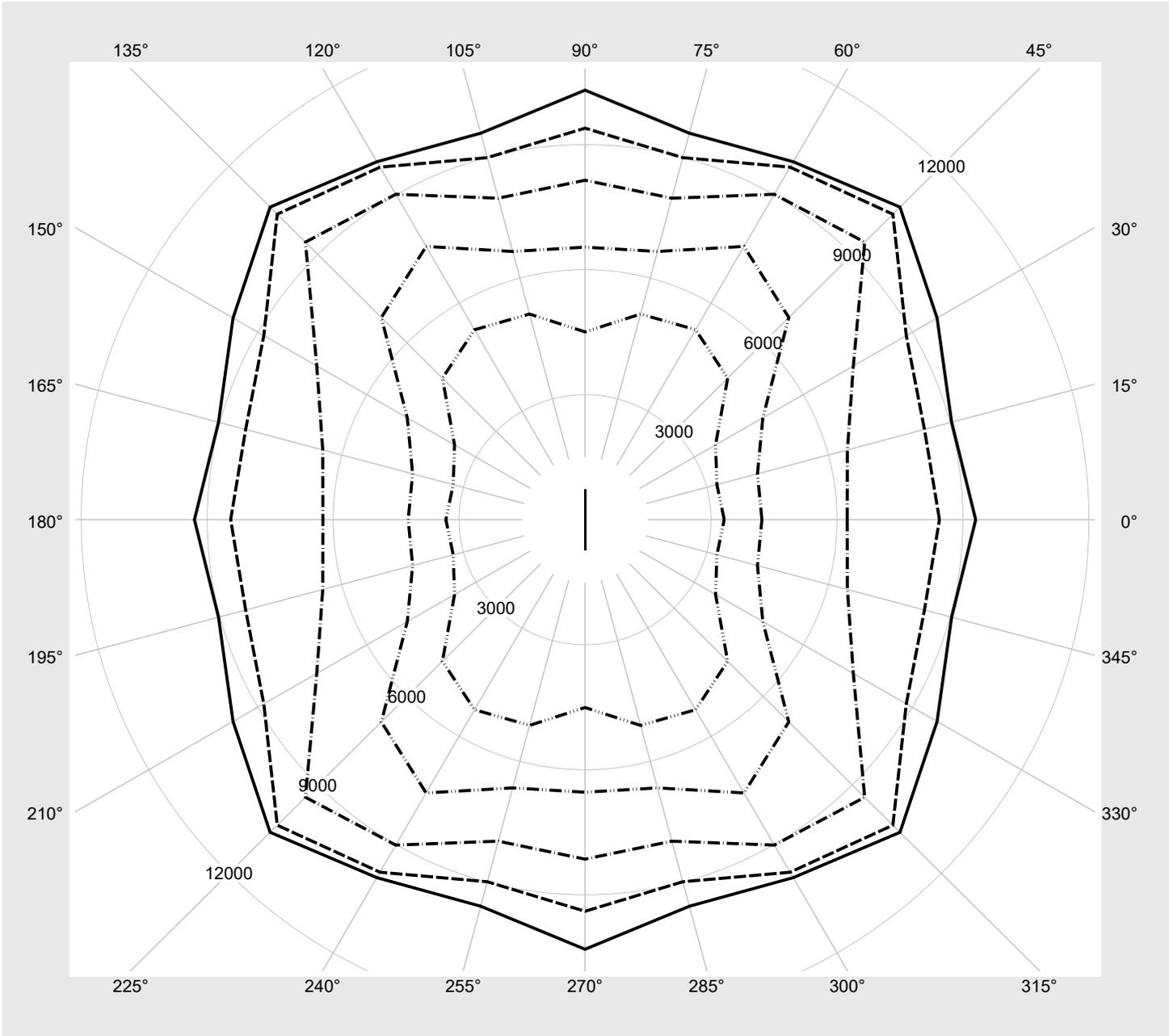
<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	<b>Photometric dimensions in mm:</b>	<b>L = 2250</b>
			<b>B = 58</b>

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°		11336.7	10964.7	10649.4	10621.0	10810.1	12449.5	14104.6	
50°		10834.2	10583.8	10526.1	10398.9	10263.6	11505.3	12984.4	
55°		10322.6	9999.6	10457.0	10363.1	9903.2	10666.9	11895.9	
60°		9848.7	9527.1	10078.2	10504.9	9832.1	10034.6	11048.1	
65°		9304.5	9039.3	9682.2	10607.9	9917.2	9601.0	10306.8	
70°		8441.7	8369.6	8835.5	10367.3	9767.4	8993.8	9394.9	
75°		6242.9	6468.4	7378.0	9419.0	9016.0	7986.0	8144.7	
80°		4213.0	4251.8	4889.7	6862.8	7571.4	6662.8	6539.6	
85°		3314.6	3250.9	3588.8	4803.7	5264.2	5109.7	4506.8	

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



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Licross® 11 Recessed

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LP number  
58784\_322

### Multilumen Table

environmental temperature: 25°C

siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	17230	89.2
2	A	C	F	16140	83.1
3	A	D	E	15130	77.4
4	A	D	F	14110	71.8
5	B	C	E	13080	66.1
6	B	C	F	12130	61.0
7	B	D	E	11080	55.5
8	B	D	F	10110	50.3