

Photometric test report

Family Licross® 11 Protected	Order number: 51TD12MN4F5M EAN: 4058352928745	LP number 58523_221
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°	568.0	568.0	568.0	568.0	568.0	568.0	568.0	3.4	3.4
5°	570.0	568.0	563.9	564.4	565.6	564.2	564.6	27.0	30.4
10°	575.1	572.9	563.4	557.9	553.3	549.0	548.2	53.3	83.7
15°	590.1	586.0	566.8	548.5	532.2	519.9	516.5	78.2	161.9
20°	611.6	603.6	568.7	531.0	496.5	471.9	464.3	100.3	262.2
25°	630.0	617.6	564.2	499.9	441.6	401.0	387.5	117.1	379.3
30°	598.0	589.4	536.5	452.4	368.0	311.9	293.8	123.5	502.8
35°	487.1	490.1	463.2	383.1	284.6	222.1	203.0	114.7	617.4
40°	351.1	360.8	359.1	297.2	205.7	150.3	134.3	94.9	712.3
45°	241.7	250.7	257.1	211.9	140.4	100.6	89.9	72.8	785.1
50°	168.3	174.0	178.9	144.5	94.4	69.8	63.7	54.4	839.5
55°	118.9	121.8	123.3	97.4	64.6	50.4	47.5	40.5	880.0
60°	85.1	85.8	84.4	66.1	45.7	37.4	36.1	30.1	910.0
65°	63.8	62.6	58.2	45.7	33.4	28.1	27.2	22.6	932.7
70°	50.4	47.7	40.8	32.1	24.8	20.7	19.9	17.3	949.9
75°	41.3	37.6	29.5	22.7	17.9	14.5	13.5	13.2	963.2
80°	34.0	30.0	21.9	15.9	12.4	9.4	8.0	10.0	973.1
85°	27.2	23.7	16.4	11.2	8.0	5.3	3.6	7.3	980.4
90°	20.7	17.9	12.0	7.4	4.6	2.2	0.4	5.0	985.4
95°	16.6	14.7	10.2	6.3	3.6	1.3	0.3	4.0	989.4
100°	13.2	11.9	8.5	5.2	2.7	0.8	0.3	3.2	992.6
105°	10.4	9.5	6.9	4.1	1.9	0.4	0.3	2.5	995.1
110°	8.2	7.4	5.5	3.1	1.2	0.3	0.3	1.9	997.0
115°	6.5	5.8	4.2	2.2	0.7	0.4	0.4	1.4	998.4
120°	4.9	4.3	3.0	1.4	0.6	0.5	0.5	1.0	999.4
125°	3.5	3.0	2.0	0.9	0.6	0.5	0.5	0.7	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

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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	23.6	25.0	23.9	25.3	25.7	19.4	20.9	19.8	21.2	21.5
	3H	24.2	25.4	24.5	25.8	26.1	19.8	21.1	20.2	21.5	21.8
	4H	24.5	25.7	24.9	26.0	26.4	20.0	21.2	20.4	21.6	22.0
	6H	24.9	26.0	25.3	26.3	26.7	20.2	21.3	20.6	21.7	22.1
	8H	25.2	26.1	25.6	26.5	26.9	20.2	21.3	20.7	21.7	22.1
	12H	25.4	26.3	25.9	26.7	27.1	20.3	21.3	20.7	21.7	22.1
4H	2H	23.6	24.8	24.0	25.2	25.6	20.1	21.3	20.5	21.6	22.0
	3H	24.3	25.4	24.8	25.8	26.2	20.6	21.6	21.1	22.0	22.4
	4H	24.8	25.7	25.2	26.1	26.5	20.9	21.8	21.3	22.2	22.6
	6H	25.4	26.1	25.8	26.6	27.0	21.1	21.9	21.6	22.3	22.8
	8H	25.7	26.4	26.2	26.8	27.3	21.2	21.9	21.7	22.4	22.8
	12H	26.1	26.6	26.5	27.1	27.6	21.3	21.9	21.7	22.4	22.9
8H	4H	24.8	25.5	25.3	26.0	26.5	21.2	21.9	21.7	22.3	22.8
	6H	25.5	26.1	26.0	26.5	27.0	21.5	22.1	22.0	22.6	23.1
	8H	25.9	26.4	26.4	26.9	27.4	21.7	22.2	22.2	22.7	23.2
	12H	26.4	26.8	26.9	27.3	27.8	21.8	22.2	22.3	22.7	23.3
12H	4H	24.8	25.4	25.3	25.9	26.4	21.3	21.9	21.8	22.3	22.8
	6H	25.5	26.0	26.0	26.5	27.0	21.7	22.1	22.2	22.6	23.2
	8H	25.9	26.3	26.4	26.8	27.4	21.8	22.3	22.4	22.8	23.3

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°		40152.5	41842.8	43548.7	36731.3	25115.3	18691.5	17429.7	
50°		29937.2	31128.6	32551.9	27012.7	18304.4	14143.9	13584.3	
55°		22942.0	23669.5	24433.2	19915.2	13790.2	11336.4	11354.6	
60°		18098.0	18397.9	18501.0	15050.4	10942.3	9532.9	9883.9	
65°		15237.5	15083.5	14418.7	11821.3	9187.3	8326.1	8811.9	
70°		13843.5	13246.8	11714.3	9716.5	8073.9	7414.2	7963.5	
75°		13471.4	12436.9	10153.2	8351.4	7248.8	6608.8	7150.2	
80°		13784.3	12382.7	9524.1	7540.1	6619.0	5958.3	6327.7	
85°		14702.8	13100.6	9729.3	7484.5	6432.8	5539.4	5693.5	

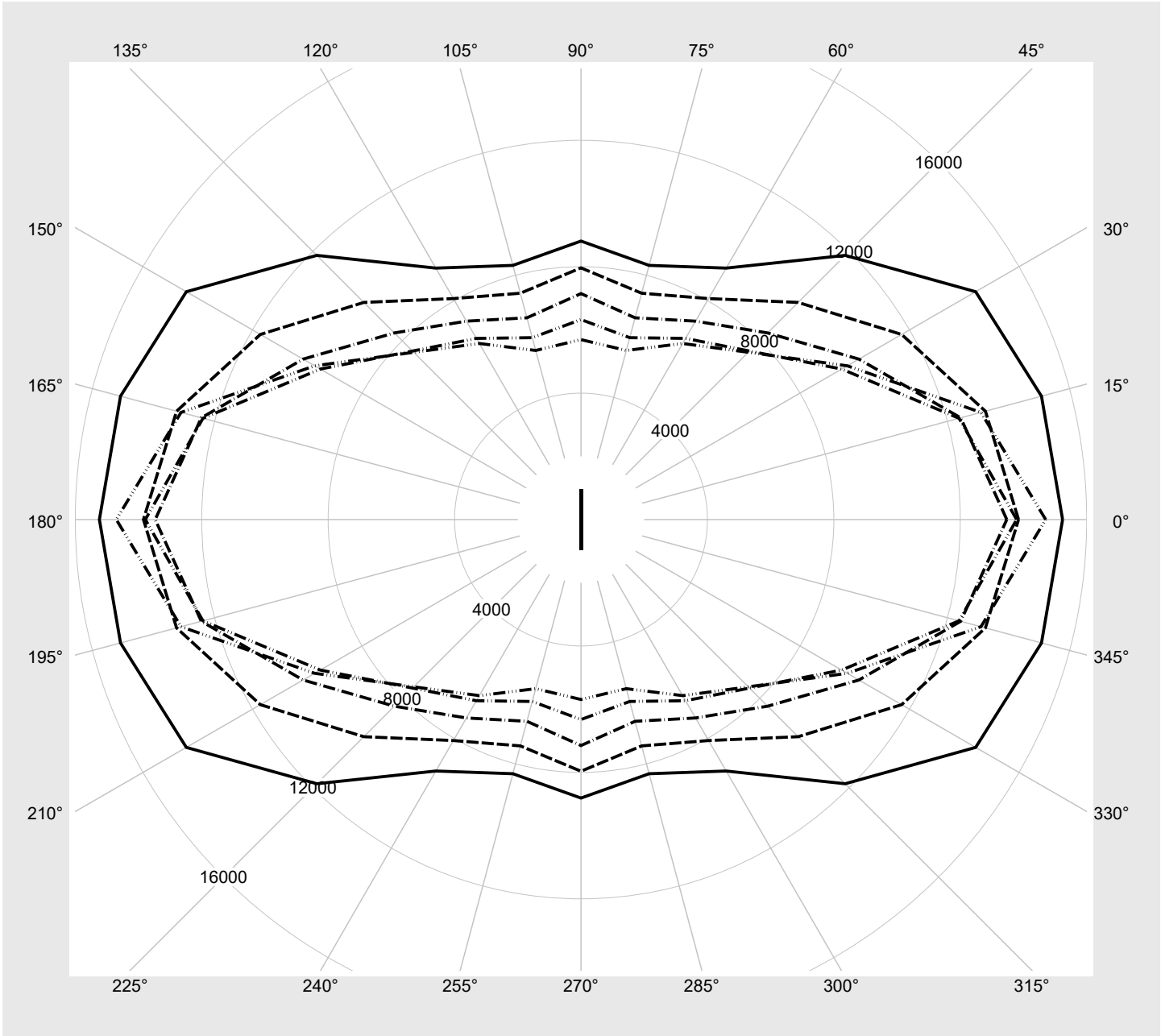
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Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



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Multilumen Table	environmental temperature: 25°C	sITeco
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DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	15820	87.4
2	A	C	F	15042	82.6
3	A	D	E	14030	76.2
4	A	D	F	13008	70.1
5	B	C	E	12038	64.3
6	B	C	F	10983	58.3
7	B	D	E	9993	52.6
8	B	D	F	8991	47.0