

Photometric test report

Family Licross® 21 Protected	Order number: 52TP11MN4A5G EAN: 4058352903780	LP number 58526_211
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Table of values for luminous intensities	Maximum luminous intensity
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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°	1742.2	1742.2	1742.2	1742.2	1742.2	1742.2	1742.2	10.4	10.4
5°	1666.1	1675.3	1660.6	1665.8	1671.6	1669.6	1670.7	79.7	90.1
10°	1438.7	1454.0	1443.6	1449.9	1452.8	1449.1	1448.5	137.9	228.0
15°	1099.0	1113.1	1114.3	1128.7	1137.3	1134.2	1132.4	159.4	387.5
20°	752.6	761.9	768.4	788.3	803.8	805.8	803.7	147.1	534.5
25°	477.8	482.8	489.1	506.4	523.2	529.8	529.1	117.2	651.7
30°	296.4	297.2	300.0	310.9	324.6	332.2	333.5	85.9	737.6
35°	189.3	187.5	185.3	189.4	198.7	205.9	208.7	61.1	798.7
40°	131.6	127.9	121.5	120.2	125.3	132.4	136.6	44.7	843.4
45°	99.4	94.4	85.5	81.0	83.2	90.3	95.8	34.4	877.7
50°	79.8	74.4	64.7	58.7	59.3	65.8	72.1	27.9	905.7
55°	65.2	60.1	51.3	45.2	44.8	50.3	56.0	23.4	929.0
60°	52.4	48.1	41.3	36.1	35.0	38.9	43.4	19.6	948.6
65°	41.2	37.9	33.1	29.2	27.7	29.8	32.8	16.1	964.7
70°	31.9	29.5	26.2	23.4	21.7	22.1	23.6	12.9	977.6
75°	24.4	22.6	20.2	18.2	16.5	15.4	15.7	10.0	987.6
80°	18.3	17.0	15.2	13.6	11.8	9.9	9.2	7.3	994.9
85°	13.3	12.5	11.1	9.7	7.7	5.4	4.2	5.0	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	16.8	18.1	17.2	18.4	18.7	16.7	17.9	17.0	18.2	18.5
	3H	17.9	19.0	18.3	19.4	19.7	17.6	18.7	17.9	19.0	19.3
	4H	18.5	19.5	18.8	19.8	20.2	17.9	18.9	18.3	19.3	19.7
	6H	19.0	19.9	19.4	20.2	20.6	18.2	19.1	18.7	19.5	19.9
	8H	19.3	20.0	19.7	20.4	20.8	18.4	19.2	18.9	19.6	20.0
	12H	19.5	20.2	19.9	20.6	21.0	18.5	19.2	18.9	19.6	20.0
4H	2H	17.0	18.1	17.4	18.4	18.8	16.9	17.9	17.3	18.3	18.7
	3H	18.3	19.2	18.8	19.6	20.0	18.0	18.8	18.4	19.2	19.6
	4H	19.0	19.8	19.4	20.2	20.6	18.5	19.2	18.9	19.6	20.1
	6H	19.7	20.3	20.1	20.7	21.2	18.9	19.5	19.3	19.9	20.4
	8H	20.0	20.5	20.5	21.0	21.5	19.0	19.6	19.5	20.0	20.5
	12H	20.3	20.8	20.8	21.3	21.8	19.2	19.6	19.6	20.1	20.6
8H	4H	19.2	19.7	19.7	20.2	20.7	18.7	19.2	19.2	19.7	20.2
	6H	20.0	20.4	20.4	20.9	21.4	19.2	19.7	19.7	20.1	20.6
	8H	20.4	20.8	20.9	21.3	21.8	19.4	19.8	19.9	20.3	20.8
	12H	20.8	21.2	21.4	21.7	22.2	19.6	19.9	20.1	20.5	21.0
12H	4H	19.2	19.7	19.7	20.1	20.6	18.7	19.2	19.2	19.7	20.2
	6H	20.0	20.4	20.5	20.9	21.4	19.3	19.7	19.8	20.2	20.7
	8H	20.5	20.8	21.0	21.3	21.9	19.6	19.9	20.1	20.4	21.0

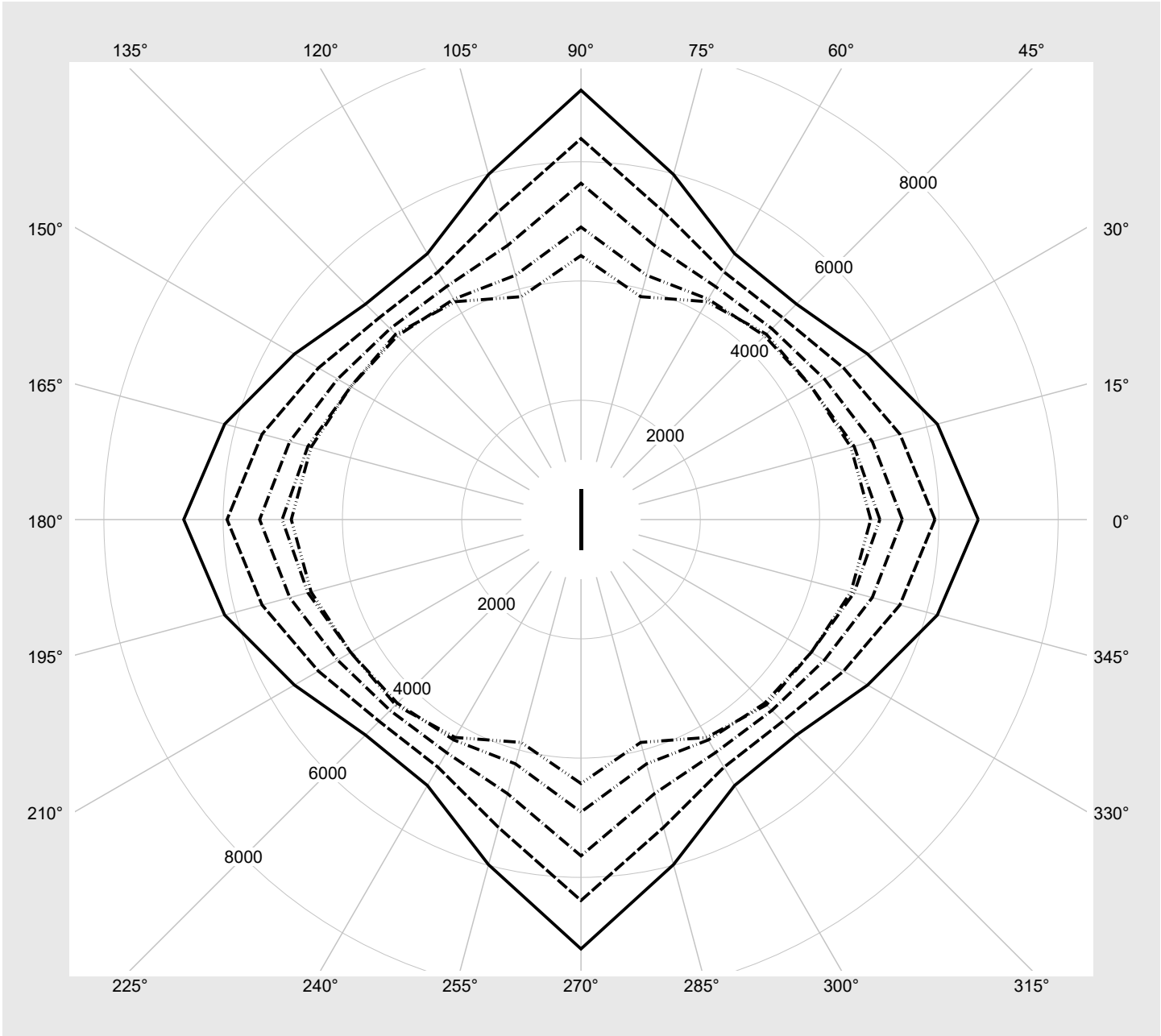
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1480	H(C0) = 13	H(C180) = 13
			B = 78	H(C90) = 0	H(C270) = 0

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°		11171.1	10659.2	9790.8	9501.3	10072.2	11345.8	12552.9	
50°		9600.2	8997.1	7962.3	7424.2	7776.8	9030.1	10394.5	
55°		8506.7	7892.2	6876.9	6251.4	6473.2	7655.0	9056.0	
60°		7535.5	6979.3	6127.3	5551.5	5663.4	6711.6	8042.8	
65°		6661.1	6185.5	5549.4	5109.7	5149.8	5990.8	7199.6	
70°		5935.1	5535.8	5083.7	4785.1	4795.1	5344.6	6387.6	
75°		5388.4	5055.9	4712.7	4526.3	4511.1	4758.4	5639.0	
80°		5011.2	4741.2	4456.7	4355.3	4267.3	4241.8	4904.3	
85°		4858.0	4685.5	4458.2	4395.7	4219.1	3869.2	4426.2	

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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



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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	10700	60.5
2	A	C	F	9818	56.1
3	A	D	E	9335	53.1
4	A	D	F	8841	50.0
5	B	C	E	8348	47.0
6	B	C	F	7844	43.9
7	B	D	E	7329	41.0
8	B	D	F	6899	38.4