
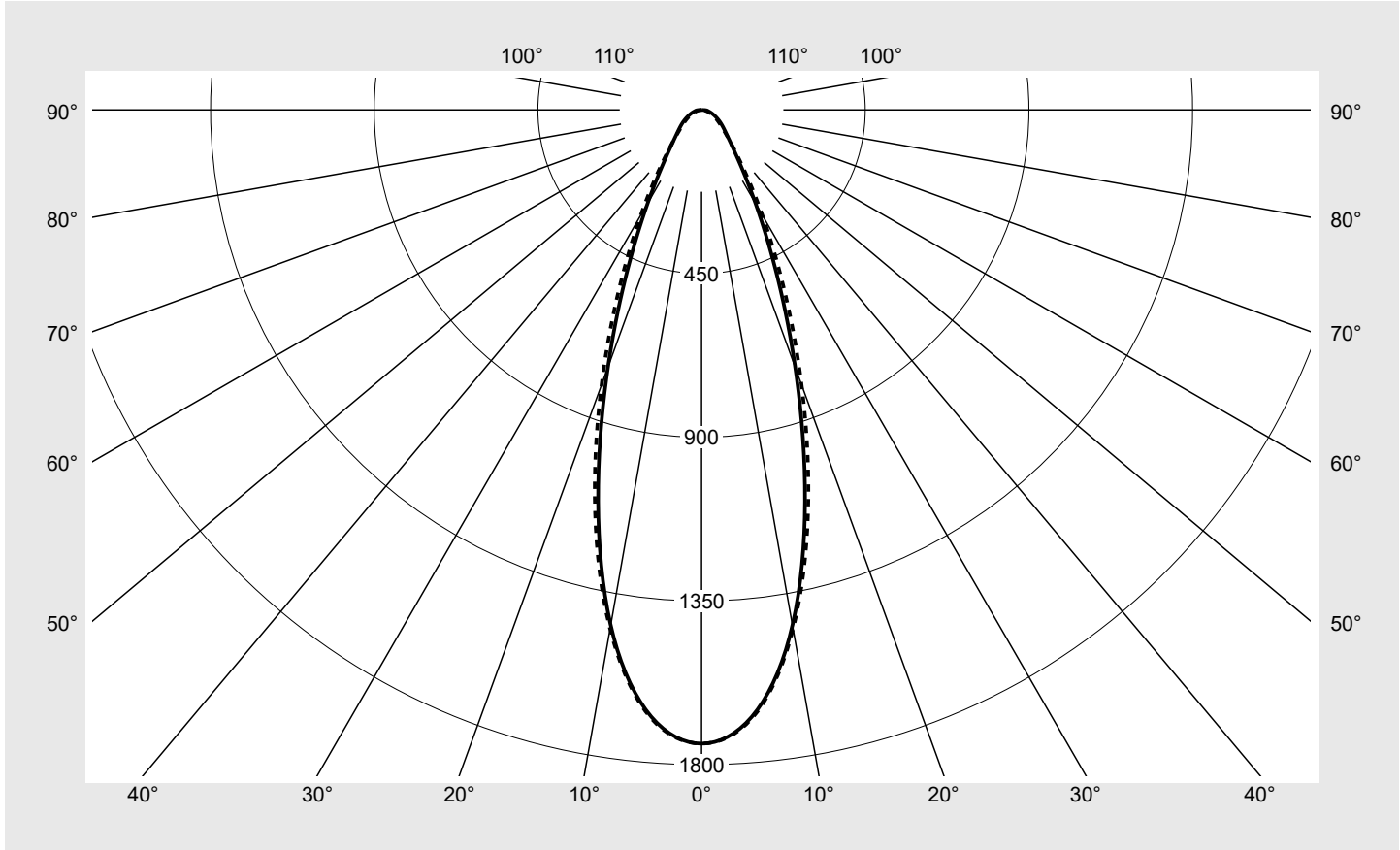


Photometric test report

Family Licross® 11 Protected	Order number: 51TP11MN495G EAN: 4058352930182	LP number 58526_232
	Version prismatic cover, frosted, narrow distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG Multilumen Rated values Net luminous flux = 9980 lm Power consumption = 55.3 W Luminous efficacy = 180.5 lm/W	serial documentation 11.10.2023
		

Luminous intensity in cd/klm **C180-0** **C270-90** **Imax: 1742 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=83 N2=94 N3=98 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°	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	16.6	17.8	16.9	18.1	18.4	16.4	17.7	16.8	18.0	18.3
	3H	17.7	18.8	18.1	19.1	19.5	17.3	18.4	17.7	18.7	19.1
	4H	18.2	19.2	18.6	19.6	19.9	17.7	18.7	18.1	19.1	19.4
	6H	18.7	19.6	19.1	20.0	20.4	18.0	18.9	18.4	19.3	19.7
	8H	19.0	19.8	19.5	20.2	20.6	18.2	19.0	18.6	19.3	19.7
	12H	19.3	20.0	19.7	20.4	20.8	18.3	19.0	18.7	19.4	19.8
4H	2H	16.8	17.8	17.2	18.2	18.5	16.7	17.7	17.1	18.0	18.4
	3H	18.1	19.0	18.5	19.3	19.8	17.7	18.6	18.2	19.0	19.4
	4H	18.8	19.5	19.2	19.9	20.4	18.2	19.0	18.7	19.4	19.8
	6H	19.4	20.0	19.9	20.5	21.0	18.6	19.3	19.1	19.7	20.2
	8H	19.7	20.3	20.2	20.8	21.2	18.8	19.3	19.3	19.8	20.3
	12H	20.1	20.6	20.6	21.0	21.5	18.9	19.4	19.4	19.8	20.3
8H	4H	18.9	19.5	19.4	19.9	20.4	18.4	19.0	18.9	19.4	19.9
	6H	19.7	20.2	20.2	20.6	21.2	19.0	19.4	19.5	19.9	20.4
	8H	20.1	20.5	20.6	21.0	21.6	19.2	19.6	19.7	20.1	20.6
	12H	20.6	20.9	21.1	21.4	22.0	19.4	19.7	19.9	20.2	20.8
12H	4H	19.0	19.4	19.5	19.9	20.4	18.5	19.0	19.0	19.4	19.9
	6H	19.8	20.2	20.3	20.6	21.2	19.1	19.4	19.6	19.9	20.5
	8H	20.2	20.6	20.8	21.1	21.6	19.3	19.7	19.9	20.2	20.7

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°		10419.4	9941.9	9132.0	8862.0	9394.4	10582.4	11708.2	
50°		8954.2	8391.7	7426.5	6924.6	7253.5	8422.4	9695.1	
55°		7934.3	7361.1	6414.2	5830.8	6037.7	7139.9	8446.6	
60°		7028.4	6509.7	5715.0	5178.0	5282.3	6260.0	7501.6	
65°		6212.9	5769.3	5176.0	4765.9	4803.3	5587.7	6715.2	
70°		5535.7	5163.3	4741.7	4463.1	4472.4	4985.0	5957.7	
75°		5025.8	4715.7	4395.5	4221.7	4207.5	4438.2	5259.5	
80°		4674.0	4422.1	4156.8	4062.2	3980.2	3956.4	4574.3	
85°		4531.1	4370.3	4158.2	4099.9	3935.2	3608.8	4128.4	

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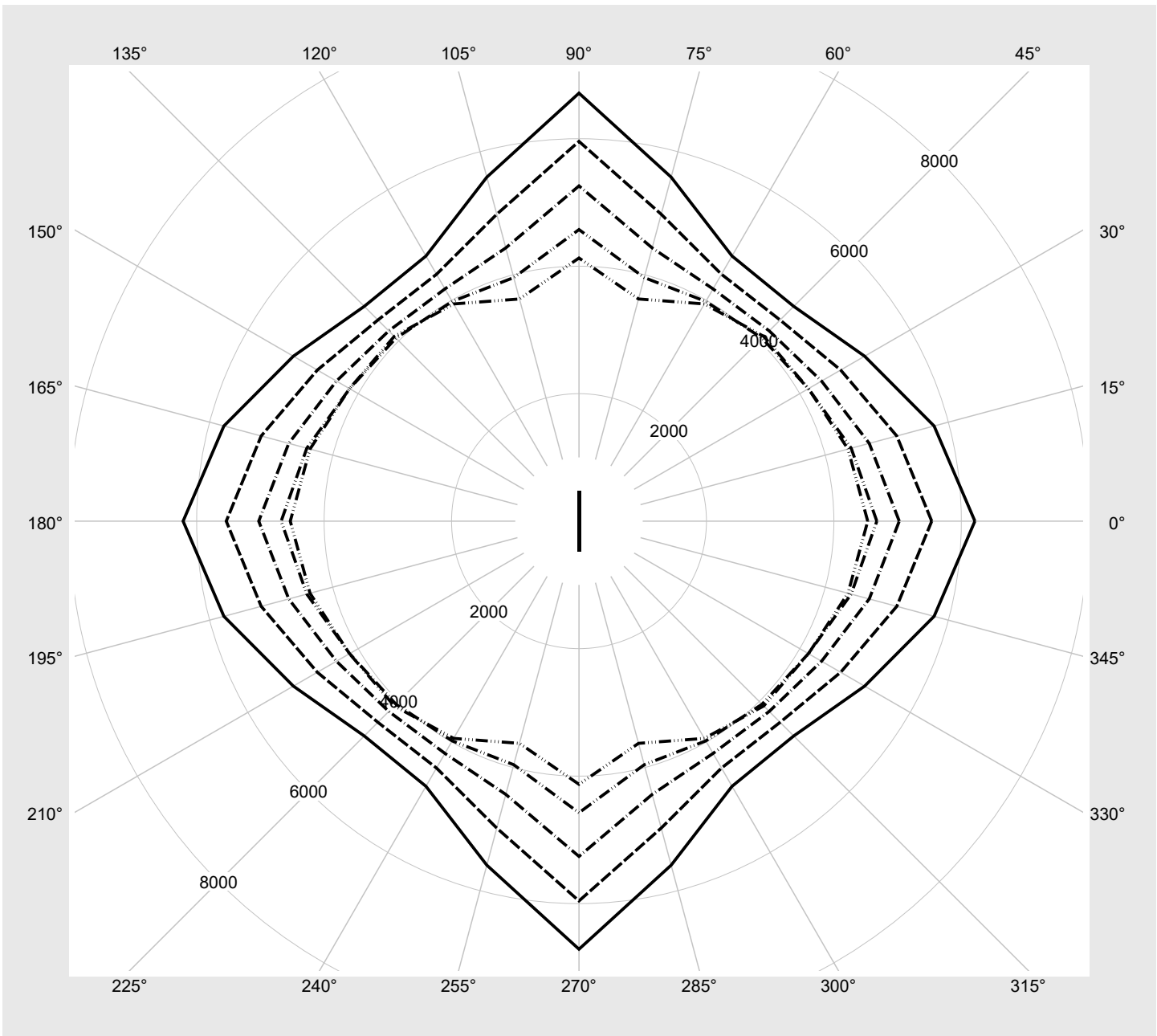
Family
Licross® 11 Protected

Order number: 51TP11MN495G
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LP number
58526_232

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	
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DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	9980	55.3
2	A	C	F	9469	52.1
3	A	D	E	9032	49.4
4	A	D	F	8510	46.3
5	B	C	E	7978	43.1
6	B	C	F	7530	40.5
7	B	D	E	6998	37.4
8	B	D	F	6529	34.7