



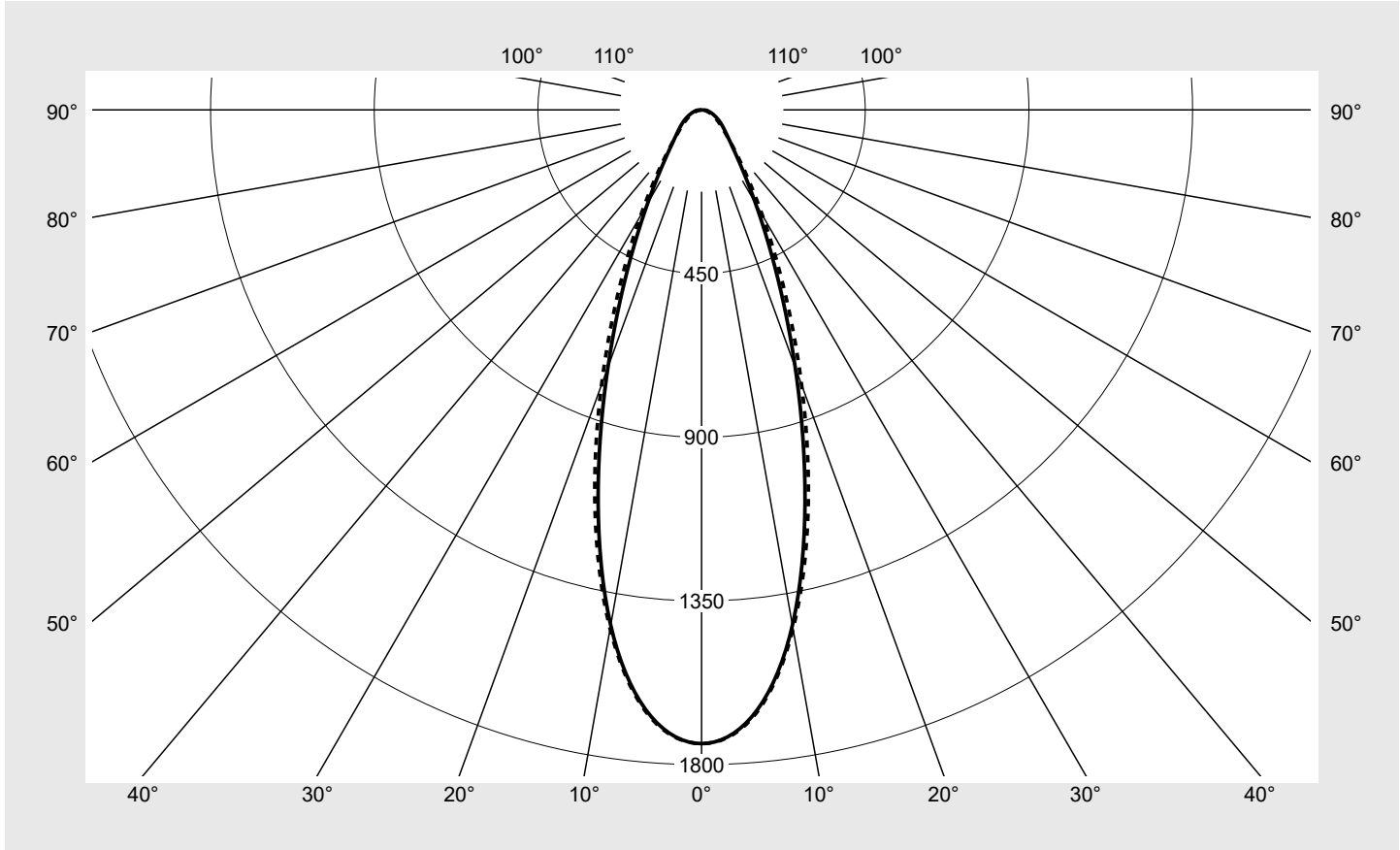
Photometric test report

Family Licross® 11 Protected	Order number: 51TP117N485G EAN: 4058352930083	LP number 58526_233
	Version prismatic cover, frosted, narrow distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG Rated values Net luminous flux = 8680 lm Power consumption = 48.6 W Luminous efficacy = 178.6 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

Photometric test report

Family Licross® 11 Protected	Order number: 51TP117N485G EAN: 4058352930083	LP number 58526_233
--	--	-------------------------------

sITeco

Table of values for luminous intensities	Maximum luminous intensity
---	-----------------------------------

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

Photometric test report

Family Licross® 11 Protected	Order number: 51TP117N485G EAN: 4058352930083	LP number 58526_233
--	--	-------------------------------

UGR-Table	Standard room	siteco
------------------	----------------------	---------------

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	16.1	17.3	16.4	17.6	18.0	15.9	17.2	16.3	17.5	17.8
	3H	17.2	18.3	17.6	18.6	19.0	16.8	17.9	17.2	18.3	18.6
	4H	17.7	18.7	18.1	19.1	19.5	17.2	18.2	17.6	18.6	19.0
	6H	18.2	19.1	18.6	19.5	19.9	17.5	18.4	17.9	18.8	19.2
	8H	18.6	19.3	19.0	19.7	20.1	17.7	18.5	18.1	18.9	19.3
	12H	18.8	19.5	19.2	19.9	20.3	17.8	18.5	18.2	18.9	19.3
4H	2H	16.3	17.3	16.7	17.7	18.1	16.2	17.2	16.6	17.6	17.9
	3H	17.6	18.5	18.1	18.9	19.3	17.2	18.1	17.7	18.5	18.9
	4H	18.3	19.0	18.7	19.4	19.9	17.7	18.5	18.2	18.9	19.3
	6H	18.9	19.6	19.4	20.0	20.5	18.1	18.8	18.6	19.2	19.7
	8H	19.3	19.8	19.7	20.3	20.7	18.3	18.9	18.8	19.3	19.8
	12H	19.6	20.1	20.1	20.5	21.0	18.4	18.9	18.9	19.4	19.9
8H	4H	18.4	19.0	18.9	19.5	19.9	17.9	18.5	18.4	19.0	19.4
	6H	19.2	19.7	19.7	20.2	20.7	18.5	18.9	19.0	19.4	19.9
	8H	19.6	20.1	20.1	20.5	21.1	18.7	19.1	19.2	19.6	20.1
	12H	20.1	20.4	20.6	20.9	21.5	18.9	19.2	19.4	19.7	20.3
12H	4H	18.5	18.9	19.0	19.4	19.9	18.0	18.5	18.5	18.9	19.4
	6H	19.3	19.7	19.8	20.2	20.7	18.6	18.9	19.1	19.4	20.0
	8H	19.8	20.1	20.3	20.6	21.1	18.8	19.2	19.4	19.7	20.2

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°	45°	9062.2	8646.9	7942.4	7707.6	8170.7	9203.9	10183.1	
50°	50°	7787.8	7298.6	6459.1	6022.6	6308.6	7325.3	8432.2	
55°	55°	6900.8	6402.3	5578.7	5071.2	5251.2	6209.9	7346.3	
60°	60°	6112.9	5661.7	4970.5	4503.5	4594.2	5444.5	6524.4	
65°	65°	5403.6	5017.8	4501.8	4145.1	4177.6	4859.8	5840.5	
70°	70°	4814.7	4490.7	4124.0	3881.7	3889.9	4335.7	5181.7	
75°	75°	4371.1	4101.4	3823.0	3671.8	3659.4	3860.0	4574.4	
80°	80°	4065.1	3846.1	3615.3	3533.1	3461.7	3441.0	3978.5	
85°	85°	3940.9	3801.0	3616.5	3565.8	3422.6	3138.7	3590.6	

Photometric test report

Family
Licross® 11 Protected

Order number: 51TP117N485G
EAN: 4058352930083

LP number
58526_233

Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

