

Photometric test report

Family
Licross® 21 Protected

Order number: 52TD11MN4A5G
EAN: 4058352902660

LP number
58526_210



Version prismatic cover, frosted, narrow distribution
Lamps LED 4000 K | CRI ≥ 80
Controlgear ECG Multilumen
Rated values Net luminous flux = 10700 lm
 Power consumption = 60.5 W
 Luminous efficacy = 176.9 lm/W

serial
documentation
24.08.2023

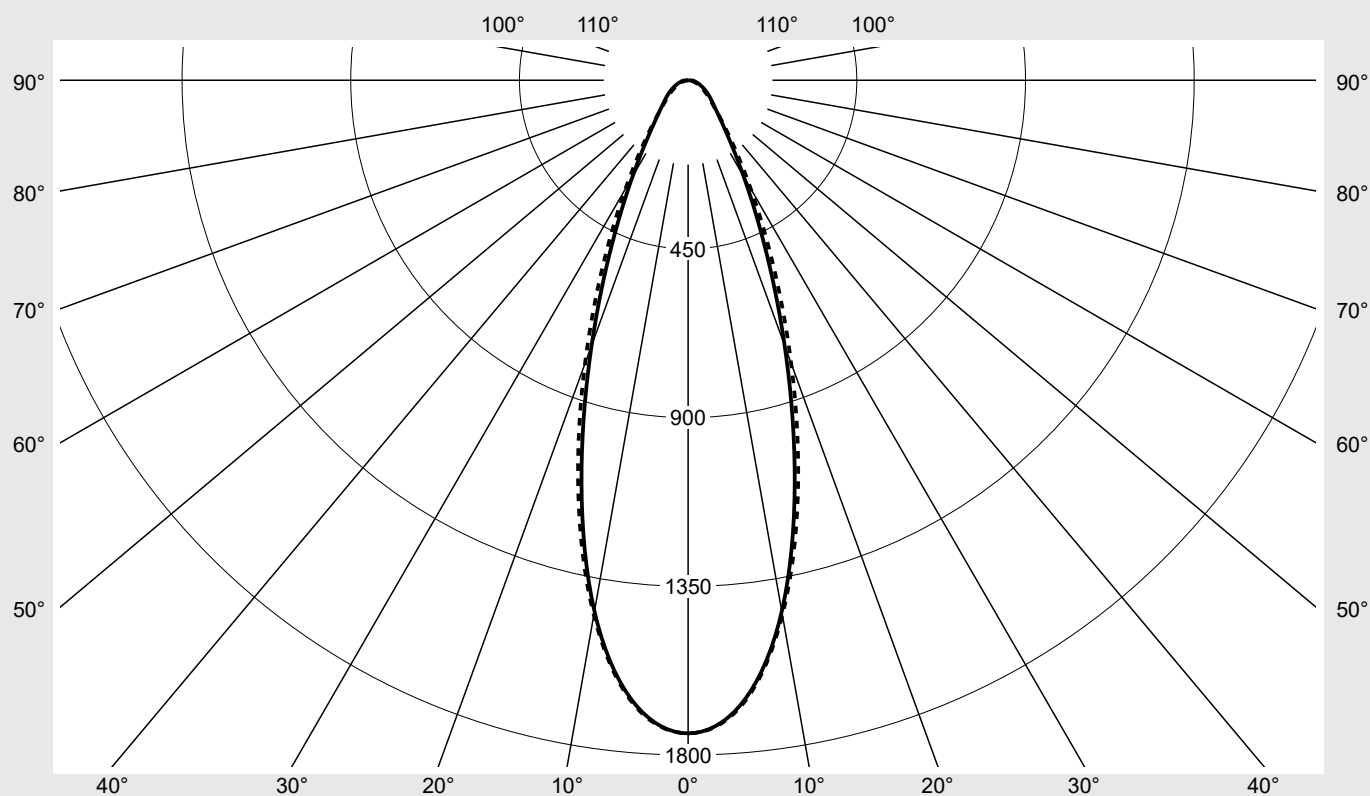
siteco

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® 21 Protected	Order number: 52TD11MN4A5G EAN: 4058352902660	LP number 58526_210
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	Phi-zone	Total Phi-zone
γ	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® 21 Protected	Order number: 52TD11MN4A5G EAN: 4058352902660	LP number 58526_210
---------------------------------	--	------------------------

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	16.8	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 B = 78		H(C0) = 13 H(C90) = 0		H(C180) = 13 H(C270) = 0	
C-planes	γ	0°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°			
		Luminance in cd/m²									
	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			

Photometric test report

Family
Licross® 21 Protected

Order number: 52TD11MN4A5G
EAN: 4058352902660

LP number
58526_210

Luminance values in cd/m²

γ 65°

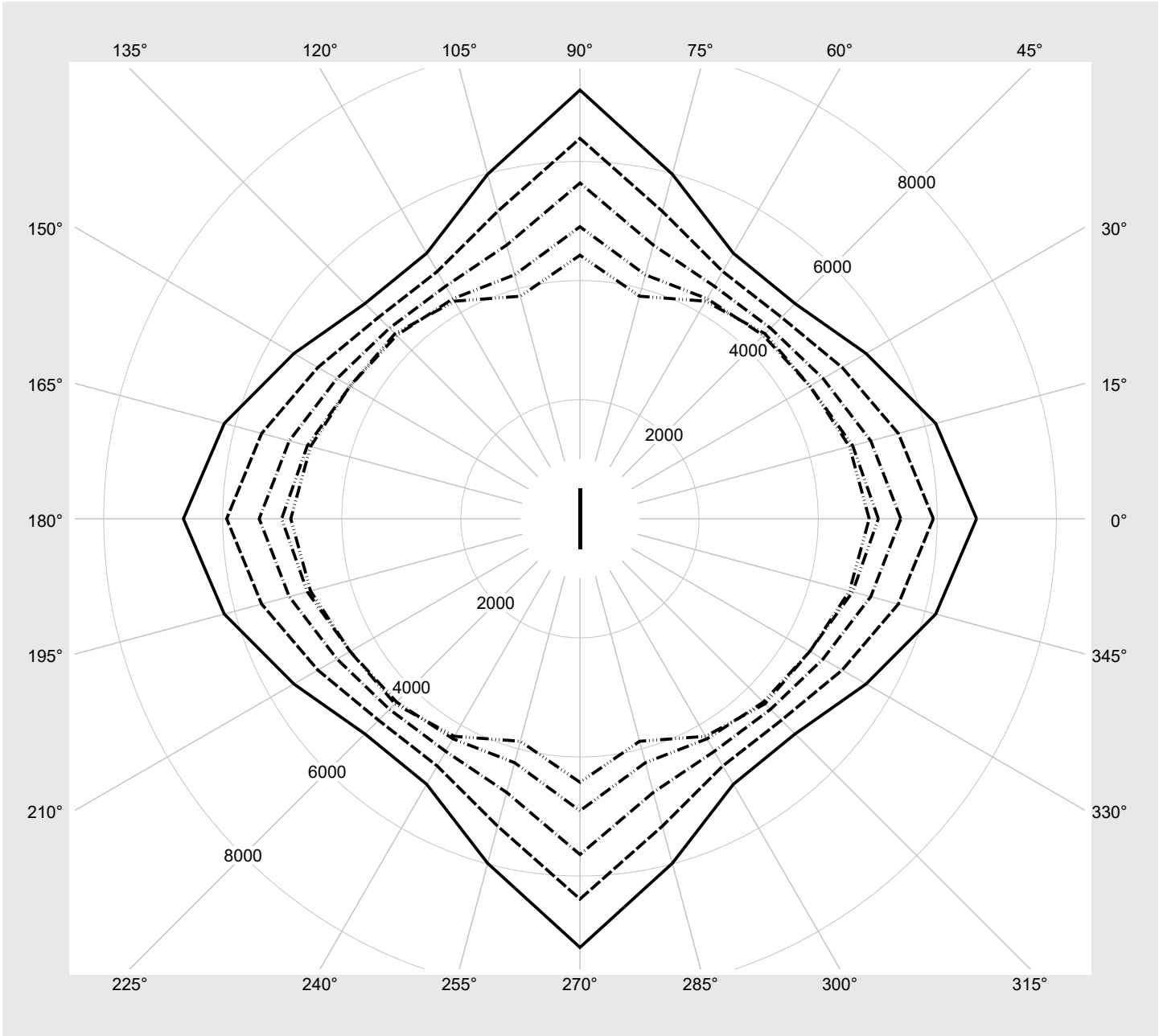
γ 70°

γ 75°

γ 80°

γ 85°

siteco



Photometric test report

Family
Licross® 21 Protected

Order number: 52TD11MN4A5G
EAN: 4058352902660

LP number
58526_210

Multilumen Table

environmental temperature: 25°C

siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	10700	60.5
2	A	C	F	9820	56.1
3	A	D	E	9330	53.1
4	A	D	F	8840	50.0
5	B	C	E	8350	47.0
6	B	C	F	7840	43.9
7	B	D	E	7330	41.0
8	B	D	F	6900	38.4