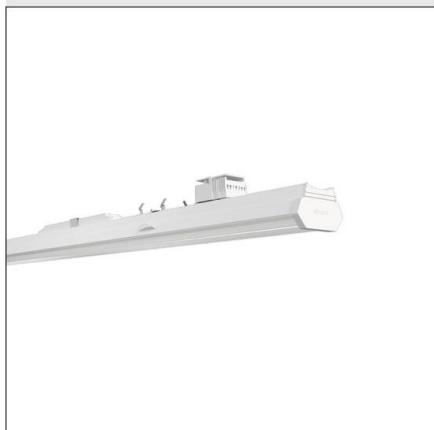


Photometric test report

Family
Licross® 21 Protected

Order number: 52TP11CN49XG
EAN: 4058352903636

LP number
58526_195



Version prismatic cover, frosted, narrow distribution
Lamps LED 4000 K | CRI ≥ 80
Controlgear ECG-Multilumen CLOi
Rated values Net luminous flux = 9070 lm
 Power consumption = 50.4 W
 Luminous efficacy = 180 lm/W

serial
documentation
17.08.2023

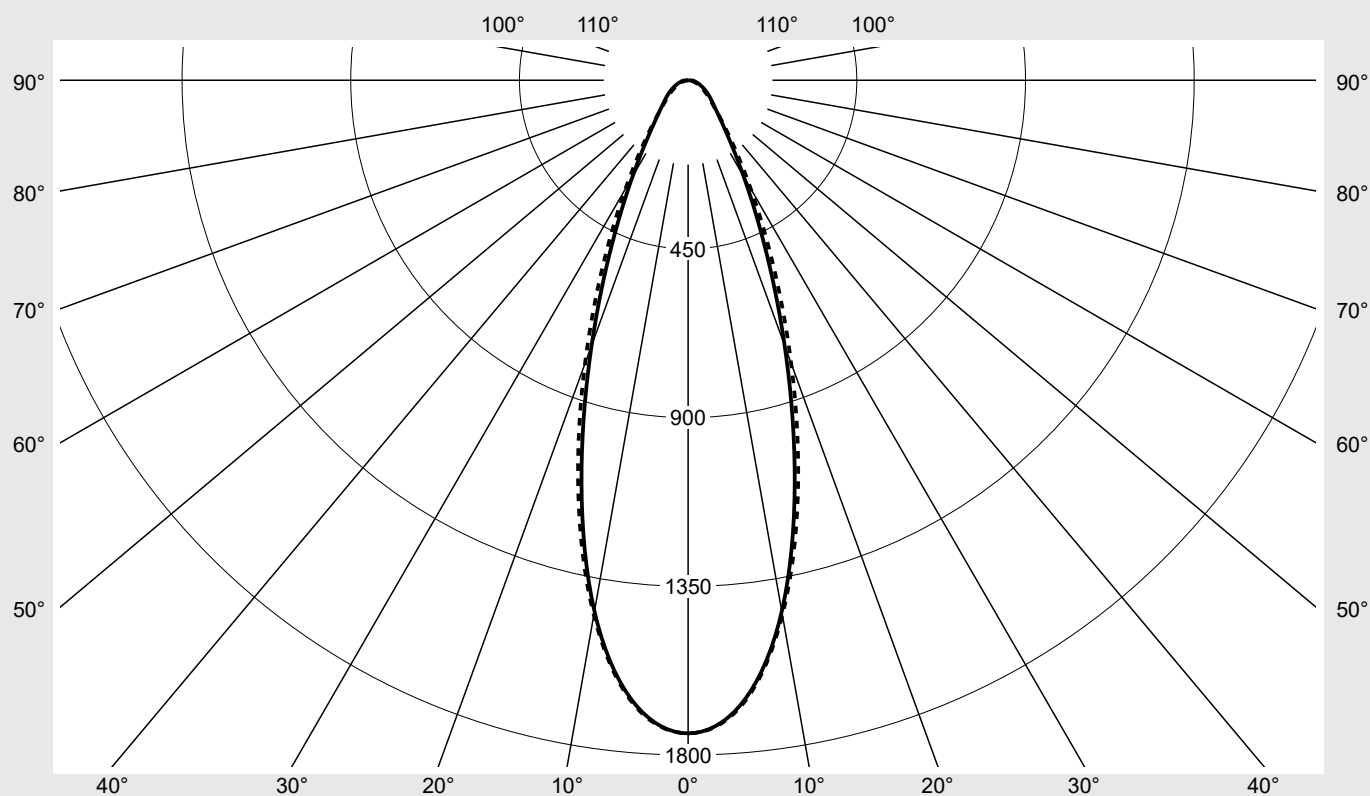
siteco

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: 52TP11CN49XG EAN: 4058352903636	LP number 58526_195
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: 52TP11CN49XG EAN: 4058352903636	LP number 58526_195
---------------------------------	--	------------------------

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	16.2	17.5	16.6	17.8	18.1	16.1	17.3	16.5	17.6	18.0
	3H	17.3	18.4	17.7	18.8	19.1	17.0	18.1	17.4	18.4	18.8
	4H	17.9	18.9	18.3	19.2	19.6	17.4	18.4	17.8	18.7	19.1
	6H	18.4	19.3	18.8	19.7	20.0	17.7	18.6	18.1	18.9	19.3
	8H	18.7	19.5	19.1	19.9	20.3	17.9	18.6	18.3	19.0	19.4
	12H	18.9	19.6	19.4	20.0	20.5	17.9	18.6	18.4	19.0	19.4
4H	2H	16.5	17.5	16.9	17.8	18.2	16.3	17.4	16.7	17.7	18.1
	3H	17.8	18.6	18.2	19.0	19.4	17.4	18.2	17.8	18.6	19.0
	4H	18.4	19.2	18.9	19.6	20.0	17.9	18.6	18.3	19.0	19.5
	6H	19.1	19.7	19.5	20.2	20.6	18.3	18.9	18.8	19.4	19.8
	8H	19.4	20.0	19.9	20.4	20.9	18.4	19.0	18.9	19.5	19.9
	12H	19.8	20.2	20.3	20.7	21.2	18.6	19.0	19.1	19.5	20.0
8H	4H	18.6	19.2	19.1	19.6	20.1	18.1	18.7	18.6	19.1	19.6
	6H	19.4	19.8	19.9	20.3	20.8	18.6	19.1	19.1	19.6	20.1
	8H	19.8	20.2	20.3	20.7	21.2	18.8	19.3	19.3	19.7	20.3
	12H	20.3	20.6	20.8	21.1	21.6	19.0	19.4	19.6	19.9	20.4
12H	4H	18.6	19.1	19.1	19.6	20.1	18.2	18.6	18.7	19.1	19.6
	6H	19.4	19.8	20.0	20.3	20.8	18.7	19.1	19.2	19.6	20.1
	8H	19.9	20.2	20.4	20.7	21.3	19.0	19.3	19.5	19.8	20.4

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° 180°	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°		9469.3	9035.4	8299.3	8053.9	8537.8	9617.4	10640.7
50°		8137.7	7626.5	6749.4	6293.2	6592.1	7654.5	8811.1
55°		7210.8	6689.9	5829.3	5299.1	5487.1	6488.9	7676.4
60°		6387.6	5916.1	5193.8	4705.8	4800.6	5689.2	6817.6
65°		5646.4	5243.2	4704.1	4331.3	4365.3	5078.2	6102.9
70°		5031.0	4692.5	4309.3	4056.1	4064.6	4530.5	5414.5
75°		4567.5	4285.7	3994.8	3836.8	3823.9	4033.5	4780.0
80°		4247.8	4018.9	3777.8	3691.8	3617.3	3595.7	4157.2
85°		4117.9	3971.8	3779.0	3726.1	3576.4	3279.7	3751.9

Photometric test report

Family
Licross® 21 Protected

Order number: 52TP11CN49XG
EAN: 4058352903636

LP number
58526_195

Luminance values in cd/m²

γ 65°

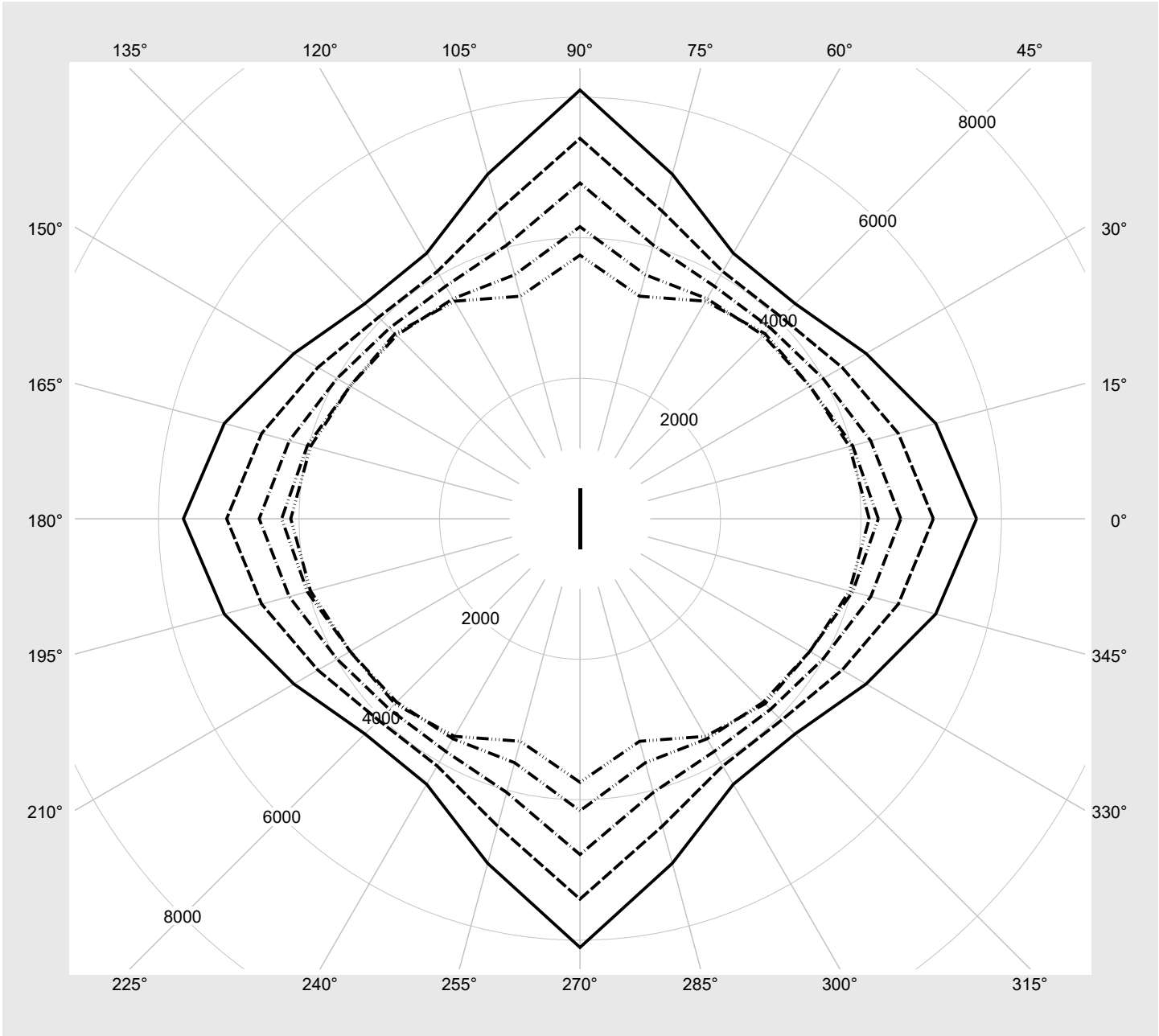
γ 70°

γ 75°

γ 80°

γ 85°

siteco



Photometric test report

Family Licross® 21 Protected	Order number: 52TP11CN49XG EAN: 4058352903636	LP number 58526_195
Multilumen Table	environmental temperature: 25°C	siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]	Power consumption [W]	Power consumption [W]
	1	2	3			end of lifetime	average
1	A	C	E	9070	50.4	60.5	55.4
2	A	C	F	8490	47.0	56.1	51.6
3	A	D	E	7980	43.9	52.6	48.2
4	A	D	F	7460	41.0	48.7	44.8
5	B	C	E	7020	38.4	45.6	42.0
6	B	C	F	6490	35.4	41.7	38.6
7	B	D	E	6040	32.8	38.8	35.8
8	B	D	F	5500	29.9	35.4	32.6