

Photometric test report

Family

Licross® 11 Recessed



Order number: 51TE1ECN4CXS

EAN: 4058352929360

LP number

59263_281

Version

cover frosted, elliptical narrow distribution

Lamps

LED 4000 K | CRI ≥ 80

Controlgear

ECG-Multilumen CLOi

Rated values

Net luminous flux = 12420 lm

Power consumption = 66.5 W

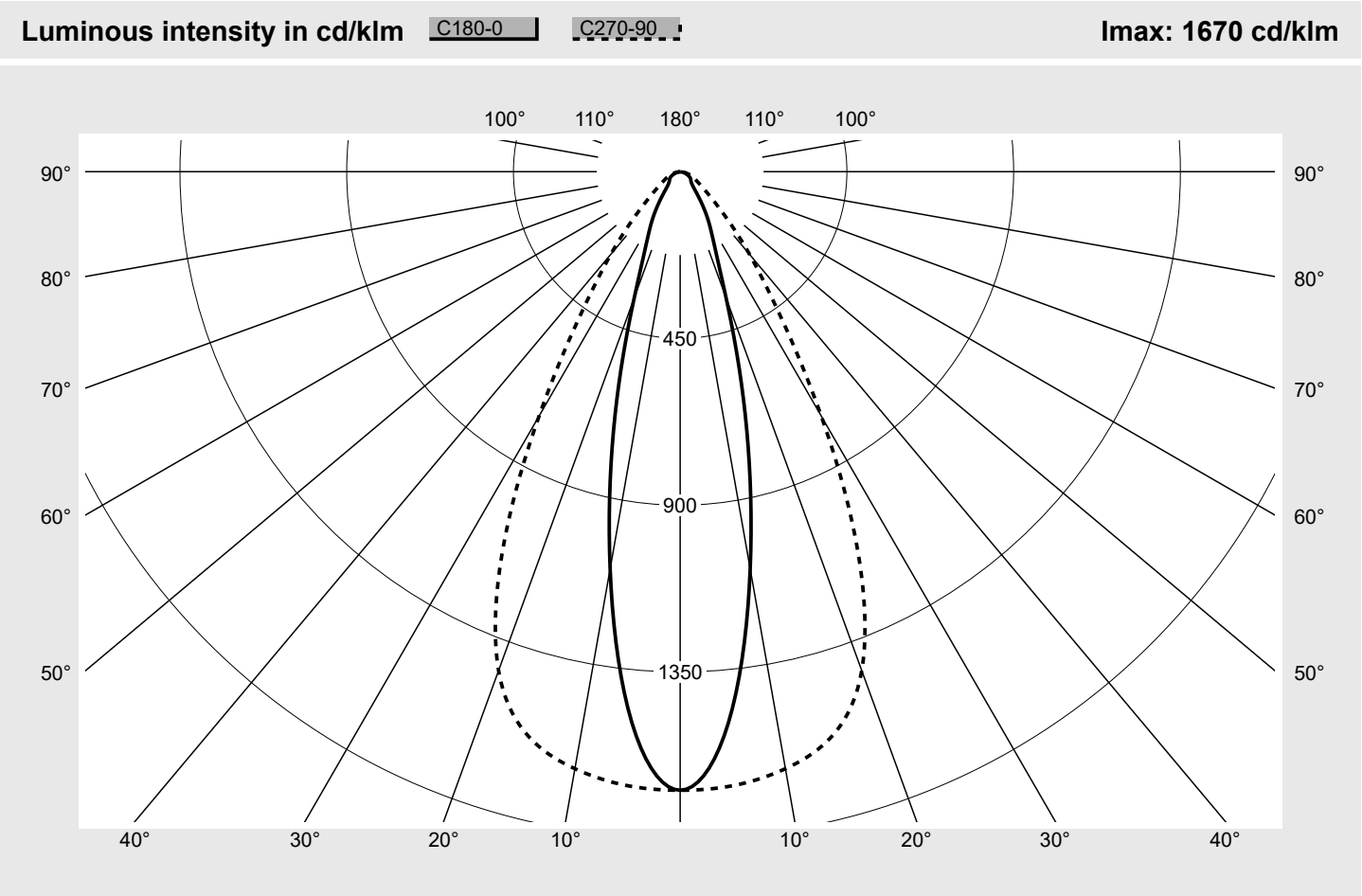
Luminous efficacy = 186.8 lm/W

serial

documentation

14.11.2025

siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 7 0	η_{LB}	100.0%
CIE	N1=85 N2=95 N3=99	ϕ_u	100.0%
	N4=100 N5=100	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
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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°	1669.5	1669.5	1669.5	1669.5	1669.5	1669.5	1669.5	10.0	10.0
5°	1493.3	1495.6	1516.6	1565.9	1616.3	1649.8	1662.9	75.0	85.0
10°	1088.5	1106.7	1175.0	1303.4	1460.6	1586.1	1636.2	126.8	211.8
15°	678.3	712.7	825.0	1006.5	1239.9	1474.8	1578.7	151.0	362.9
20°	362.1	388.9	492.0	707.6	980.6	1275.8	1432.9	148.2	511.0
25°	217.8	231.1	285.8	436.7	705.9	972.9	1137.5	127.8	638.8
30°	151.3	158.5	185.3	264.1	455.8	646.3	761.7	99.0	737.8
35°	95.4	107.0	131.3	171.8	268.4	391.1	463.8	70.7	808.5
40°	57.7	64.5	93.9	120.6	157.9	239.7	291.4	50.0	858.5
45°	43.5	45.9	58.2	86.3	99.5	145.4	176.9	35.2	893.7
50°	37.7	39.0	42.8	61.0	68.3	89.3	109.1	26.2	919.9
55°	34.6	35.0	36.7	43.5	50.5	59.6	73.7	20.9	940.8
60°	30.2	31.1	32.8	34.2	38.6	42.0	53.5	17.5	958.3
65°	23.9	25.4	29.1	28.1	30.1	30.8	41.3	14.6	972.8
70°	17.0	18.4	22.5	23.3	23.4	22.7	30.8	11.5	984.3
75°	10.9	12.0	16.2	17.9	17.4	15.7	20.7	8.4	992.7
80°	6.2	6.7	9.0	10.7	11.0	9.3	11.6	5.0	997.7
85°	3.1	3.3	4.2	5.0	4.8	3.9	4.2	2.3	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
175°	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	
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	15.9	17.1	16.3	17.4	17.8	20.9	22.1	21.3	22.5	22.8	
	3H	17.1	18.2	17.5	18.5	18.9	21.5	22.5	21.9	22.9	23.2	
	4H	17.4	18.5	17.8	18.8	19.2	21.8	22.7	22.2	23.1	23.5	
	6H	17.7	18.6	18.1	19.0	19.4	22.0	22.8	22.4	23.2	23.6	
	8H	17.9	18.7	18.3	19.0	19.5	22.1	22.9	22.6	23.3	23.7	
	12H	17.9	18.7	18.3	19.1	19.5	22.2	22.8	22.6	23.2	23.7	
4H	2H	16.7	17.7	17.1	18.0	18.4	20.9	21.9	21.3	22.3	22.7	
	3H	18.2	19.0	18.6	19.4	19.8	21.6	22.5	22.0	22.8	23.3	
	4H	18.7	19.4	19.1	19.8	20.3	22.0	22.7	22.4	23.1	23.6	
	6H	18.9	19.6	19.4	20.0	20.5	22.3	22.9	22.7	23.3	23.8	
	8H	19.1	19.6	19.5	20.1	20.6	22.4	22.9	22.9	23.4	23.9	
	12H	19.2	19.7	19.6	20.1	20.6	22.5	22.9	23.0	23.4	23.9	
8H	4H	19.1	19.7	19.6	20.1	20.6	22.1	22.7	22.6	23.1	23.6	
	6H	19.6	20.0	20.1	20.5	21.0	22.5	22.9	23.0	23.4	23.9	
	8H	19.7	20.1	20.2	20.6	21.2	22.6	23.0	23.1	23.5	24.0	
	12H	19.8	20.2	20.4	20.7	21.3	22.7	23.0	23.2	23.5	24.1	
12H	4H	19.2	19.6	19.7	20.1	20.6	22.1	22.6	22.6	23.0	23.5	
	6H	19.7	20.1	20.2	20.6	21.1	22.5	22.9	23.0	23.4	23.9	
	8H	19.9	20.2	20.4	20.7	21.3	22.6	23.0	23.2	23.5	24.0	

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 1500 B = 58	
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°
γ	Luminance in cd/m²						
45°	8780.0	9261.8	11740.4	17418.8	20095.0	29355.0	35722.6
50°	8381.6	8657.2	9504.9	13555.4	15171.4	19839.6	24238.3
55°	8602.2	8706.5	9139.3	10820.6	12573.3	14840.4	18348.1
60°	8610.1	8893.0	9369.2	9772.4	11019.0	11986.3	15272.9
65°	8082.8	8571.2	9835.6	9495.1	10177.8	10397.0	13955.7
70°	7086.2	7664.7	9382.7	9734.6	9765.5	9461.2	12867.6
75°	5988.5	6623.9	8932.2	9891.4	9605.7	8682.4	11411.6
80°	5059.3	5471.2	7404.0	8761.3	9018.6	7635.8	9553.0
85°	5118.7	5459.4	6946.6	8234.1	7888.5	6378.3	6835.3

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Luminance values in cd/m²

γ 65°

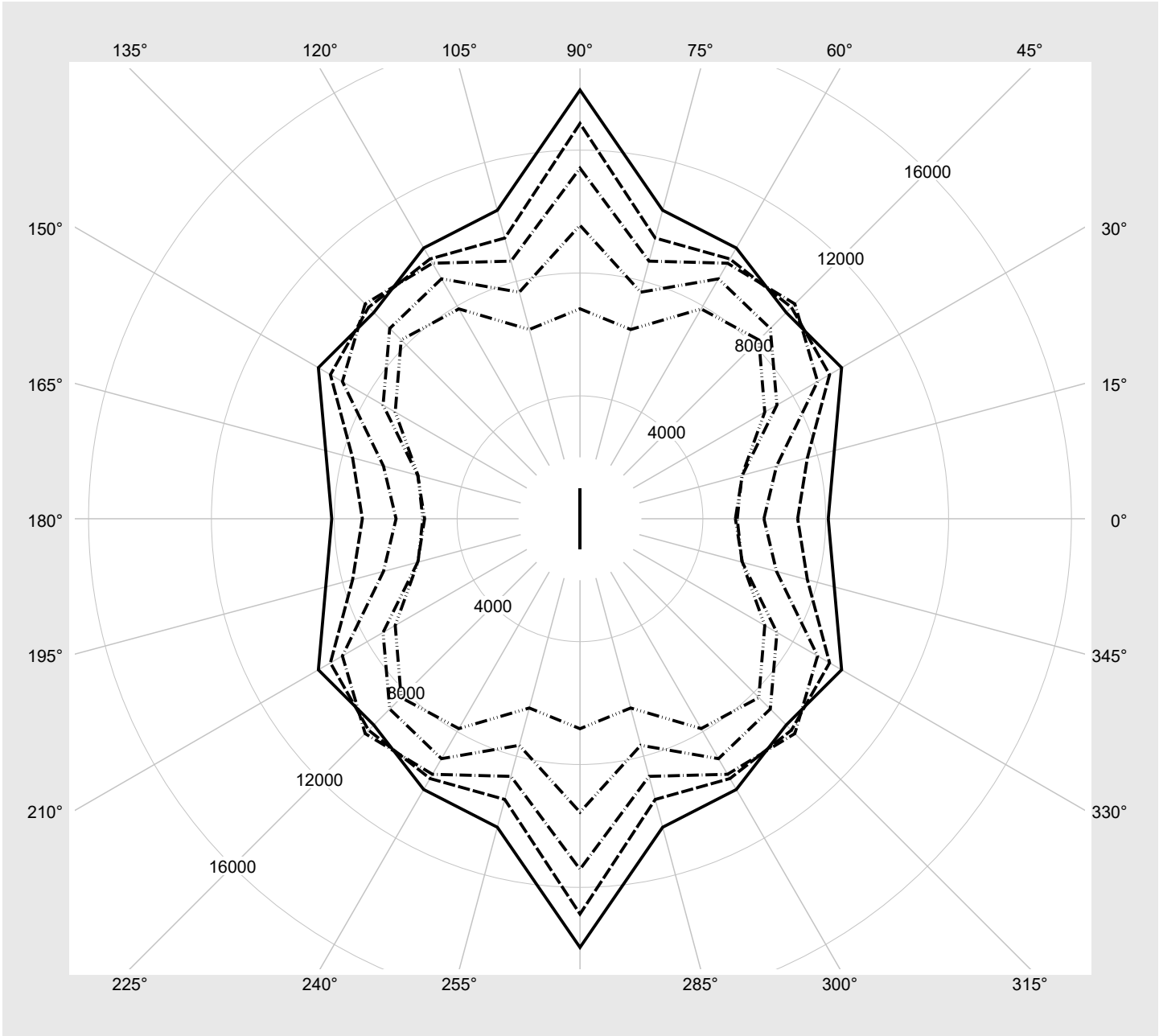
γ 70°

γ 75°

γ 80°

γ 85°

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Multilumen Table environmental temperature: 25°C		

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	12420	66.5	70.0	68.2
2	A	C	F	11820	63.0	66.5	64.8
3	A	D	E	10840	57.3	60.4	58.8
4	A	D	F	9860	51.7	54.3	53.0
5	B	C	E	8860	46.2	48.7	47.4
6	B	C	F	7920	41.1	43.2	42.2
7	B	D	E	6900	35.6	37.3	36.4
8	B	D	F	5950	30.6	32.3	31.4