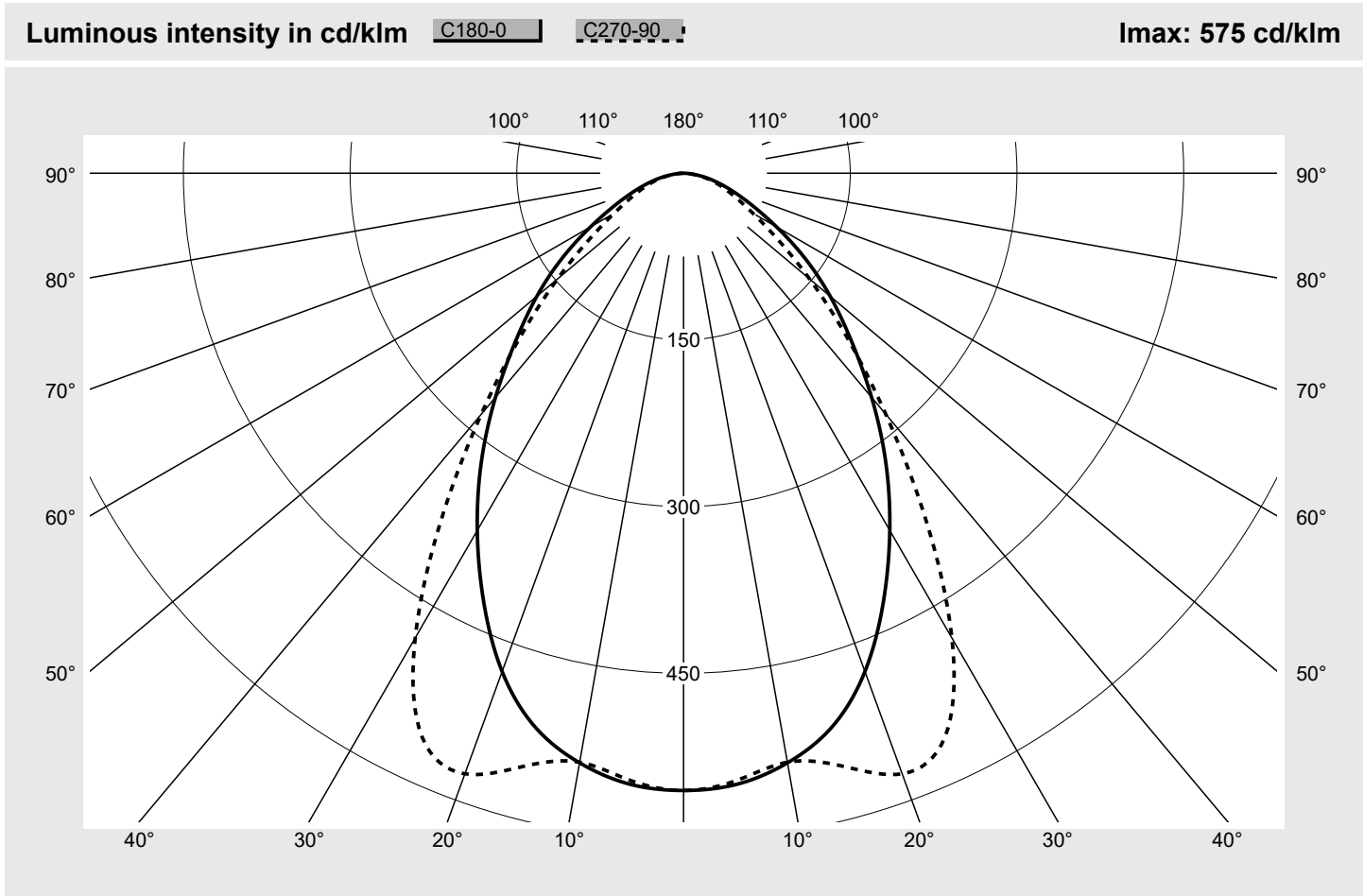


Photometric test report

Family Licross® 11 Recessed	Order number: 51TE12VN4CXM EAN: 4058352972304	LP number 58689_200
	Version	cover frosted, wide distribution, high visual comfort
	Lamps	LED 4000 K CRI ≥ 80
	Controlgear	ECG-DALI CLO
	Rated values	Net luminous flux = 12000 lm Power consumption = 64.8 W Luminous efficacy = 185.2 lm/W
		serial documentation 13.11.2025
		



Classifications		Luminaire light output ratios	
DIN 5040	A 5 0	η_{LB}	100.0%
CIE	N1=66 N2=91 N3=98	ϕ_u	100.0%
	N4=100 N5=100	ϕ_o	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® 11 Recessed	Order number: 51TE12VN4CXM EAN: 4058352972304	LP number 58689_200
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°	555.4	555.4	555.4	555.4	555.4	555.4	555.4	3.3	3.3
5°	551.9	549.3	545.0	546.0	548.1	548.0	548.5	26.2	29.5
10°	538.7	535.0	528.7	529.1	532.7	535.9	538.2	50.8	80.3
15°	515.9	510.9	504.6	513.1	530.5	544.7	552.3	74.2	154.5
20°	477.2	471.4	470.1	497.6	537.0	563.7	575.1	95.8	250.2
25°	425.5	419.5	426.9	469.4	521.2	548.6	558.0	111.1	361.3
30°	371.2	364.3	378.4	421.3	459.9	477.2	482.9	115.5	476.8
35°	317.2	309.8	328.6	357.7	367.8	374.7	379.7	109.4	586.2
40°	263.2	255.5	280.4	291.4	277.2	277.7	283.1	97.2	683.4
45°	213.7	204.0	230.1	230.5	202.8	200.2	207.0	82.5	765.9
50°	172.3	160.2	177.2	176.6	149.6	143.3	148.0	67.7	833.6
55°	133.3	121.6	126.4	129.1	111.8	101.0	103.0	53.0	886.6
60°	96.7	87.9	85.2	90.2	83.1	71.0	72.1	39.7	926.3
65°	67.7	61.0	56.3	61.1	60.5	50.8	52.1	29.0	955.3
70°	46.9	41.7	36.5	40.2	42.1	36.4	38.1	20.6	975.8
75°	30.9	26.7	22.6	25.0	27.1	24.7	26.6	13.7	989.5
80°	17.8	14.8	12.0	13.1	14.7	14.1	15.6	7.7	997.1
85°	6.6	5.4	4.4	4.8	5.3	5.4	5.9	2.9	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 Recessed	Order number: 51TE12VN4CXM EAN: 4058352972304	LP number 58689_200
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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	23.5	25.0	23.9	25.3	25.6	23.0	24.5	23.3	24.8	25.1
	3H	24.2	25.6	24.6	25.9	26.3	23.6	24.9	23.9	25.2	25.6
	4H	24.5	25.8	24.9	26.1	26.5	23.8	25.1	24.2	25.4	25.8
	6H	24.8	25.9	25.2	26.3	26.6	24.0	25.2	24.5	25.5	25.9
	8H	24.9	25.9	25.3	26.3	26.7	24.2	25.2	24.6	25.6	26.0
	12H	24.9	25.9	25.3	26.3	26.7	24.2	25.2	24.6	25.5	26.0
4H	2H	23.8	25.1	24.2	25.4	25.8	23.4	24.6	23.8	25.0	25.4
	3H	24.7	25.7	25.1	26.1	26.5	24.2	25.2	24.6	25.6	26.0
	4H	25.0	25.9	25.5	26.3	26.8	24.5	25.5	25.0	25.9	26.3
	6H	25.3	26.1	25.8	26.5	27.0	24.8	25.6	25.3	26.0	26.5
	8H	25.4	26.1	25.9	26.6	27.0	24.9	25.6	25.4	26.1	26.6
	12H	25.5	26.1	26.0	26.6	27.1	25.0	25.6	25.5	26.1	26.6
8H	4H	25.1	25.8	25.6	26.3	26.7	24.7	25.4	25.1	25.8	26.3
	6H	25.4	26.0	25.9	26.5	27.0	25.0	25.6	25.5	26.1	26.6
	8H	25.6	26.1	26.1	26.6	27.1	25.1	25.7	25.6	26.1	26.7
	12H	25.7	26.1	26.2	26.6	27.1	25.2	25.7	25.8	26.2	26.7
12H	4H	25.1	25.7	25.6	26.2	26.7	24.7	25.3	25.2	25.8	26.2
	6H	25.5	26.0	26.0	26.4	27.0	25.0	25.5	25.5	26.0	26.5
	8H	25.6	26.0	26.1	26.5	27.1	25.2	25.6	25.7	26.1	26.7

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°	41686.1	39790.7	44876.4	44955.0	39561.9	39046.9	40384.5
50°	36966.1	34385.1	38028.3	37902.4	32103.3	30749.9	31757.2
55°	32061.9	29231.5	30386.5	31039.1	26878.9	24295.2	24769.4
60°	26668.4	24241.9	23511.4	24877.0	22933.0	19588.7	19878.9
65°	22089.9	19917.9	18383.6	19929.6	19753.7	16593.1	16991.6
70°	18907.9	16834.7	14724.3	16220.9	16982.3	14688.8	15367.5
75°	16485.5	14212.6	12028.1	13298.1	14429.5	13145.7	14163.5
80°	14114.9	11726.4	9512.7	10444.4	11641.5	11230.8	12396.1
85°	10434.0	8547.5	6952.3	7550.5	8351.3	8495.3	9296.1

Photometric test report

Family
Licross® 11 Recessed

Order number: 51TE12VN4CXM
EAN: 4058352972304

LP number
58689_200

Luminance values in cd/m²

γ 65°

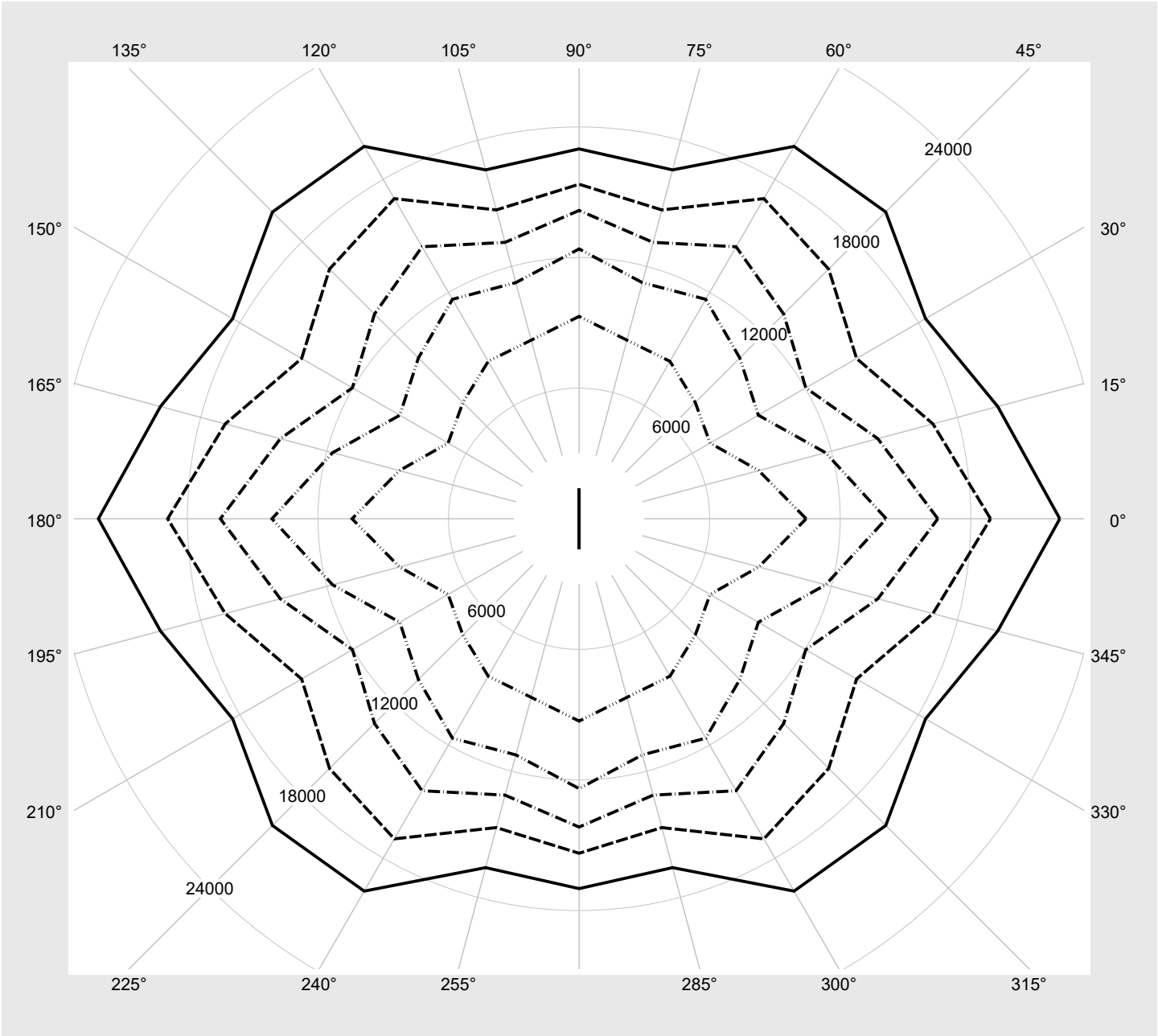
γ 70°

γ 75°

γ 80°

γ 85°

siteco



Photometric test report

Family Licross® 11 Recessed	Order number: 51TE12VN4CXM EAN: 4058352972304	LP number 58689_200
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Dimming levels table	environmental temperature: 25°C	siteco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	12000	64.8	68.3	66.6
95	241	252	11421	61.5	64.8	63.2
90	227	250	10796	57.9	60.9	59.4
85	214	248	10213	54.5	57.5	56.0
80	200	245	9578	51.1	53.7	52.4
75	187	243	8985	47.9	50.4	49.2
70	174	240	8389	44.5	46.8	45.6
65	161	237	7789	41.3	43.5	42.4
60	148	234	7185	38.2	40.0	39.1
55	136	231	6621	35.2	36.9	36.0
50	123	227	6007	32.0	33.6	32.8
45	110	223	5387	28.9	30.3	29.6
40	98	219	4813	25.9	27.2	26.6
35	85	214	4186	22.8	23.9	23.4
30	73	208	3604	20.0	20.8	20.4
25	61	202	3018	17.0	17.9	17.4
20	48	193	2378	13.9	14.5	14.2
15	36	182	1784	11.0	11.4	11.2
10	24	168	1187	8.2	8.5	8.4
5	12	142	586	5.4	5.5	5.4
2	5	110	233	3.7	3.7	3.7