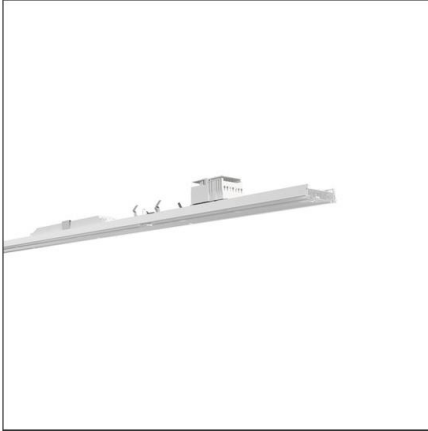


Photometric test report

Family
Licross® 11 Recessed

Order number: 51TL18VN48XF
EAN: 4058352466438

LP number
58691_47



Version cover frosted, wide distribution, high visual comfort
Lamps LED 4000 K | CRI ≥ 80
Controlgear ECG-DALI CLO
Rated values Net luminous flux = 8020 lm
 Power consumption = 49.4 W
 Luminous efficacy = 162.4 lm/W

serial
documentation
04.12.2020

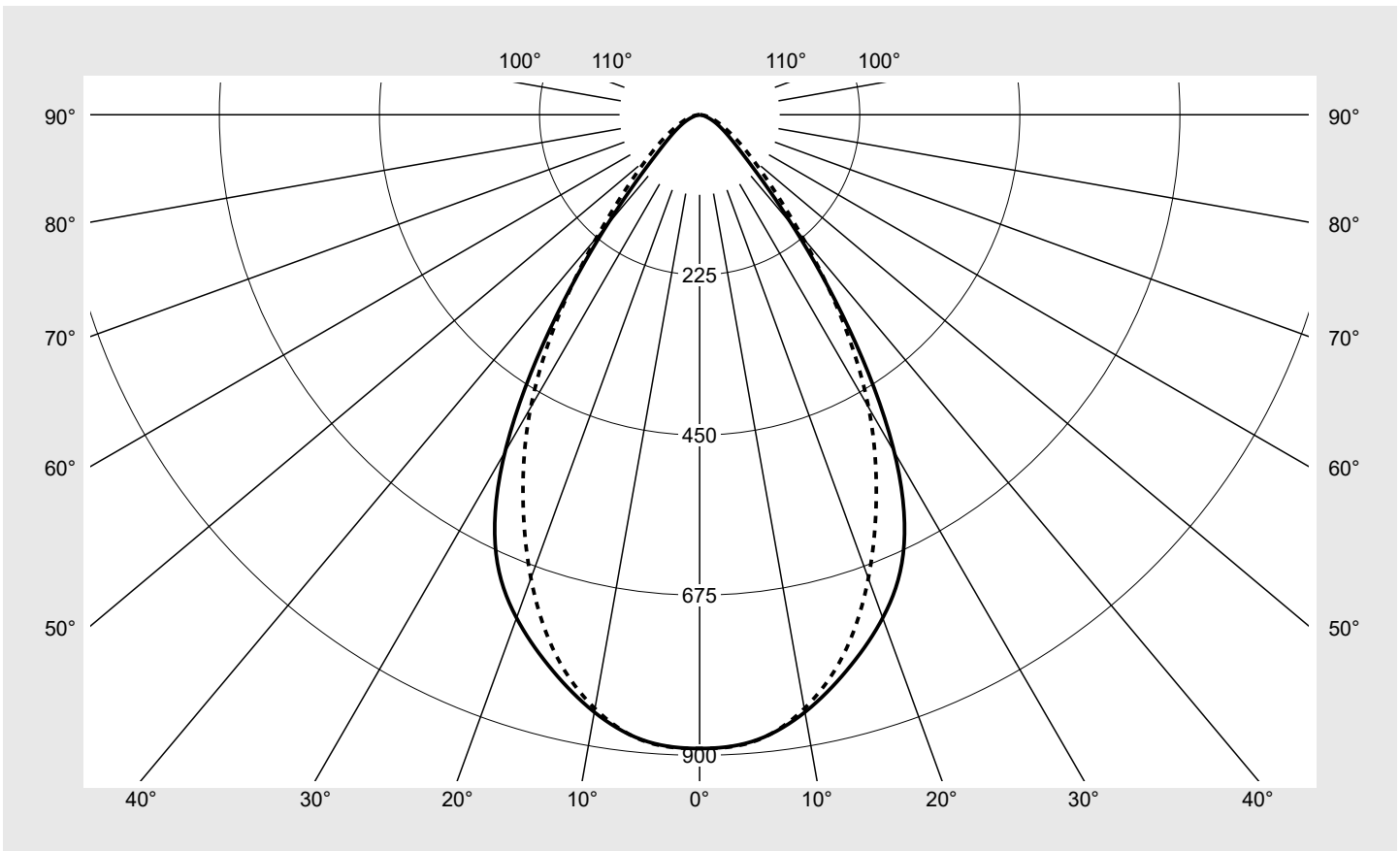
sitEco

Luminous intensity in cd/klm

C180-0

C270-90

Imax: 890 cd/klm



Classifications

DIN 5040 A 6 0
 CIE N1=83 N2=96 N3=99
 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 Recessed	Order number: 51TL18VN48XF EAN: 4058352466438	LP number 58691_47
Table of values for luminous intensities		Maximum luminous intensity
		sITeco

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°	890.5	890.5	890.5	890.5	890.5	890.5	890.5	5.3	5.3
5°	883.0	882.3	875.7	876.1	880.2	881.2	883.8	42.0	47.4
10°	852.3	852.7	846.0	846.4	847.1	846.1	847.2	80.7	128.1
15°	806.0	807.1	800.6	798.1	793.1	786.0	783.9	113.0	241.1
20°	752.4	753.8	745.8	735.1	719.0	700.4	693.3	136.8	377.8
25°	677.7	678.7	666.2	642.3	616.2	594.6	587.5	147.9	525.7
30°	547.1	547.0	530.5	500.0	481.5	475.9	474.8	139.1	664.9
35°	364.4	363.5	349.1	327.1	328.9	340.7	345.9	108.2	773.0
40°	203.2	202.2	193.4	185.6	201.9	218.9	225.4	71.4	844.5
45°	108.8	108.0	102.7	103.7	123.9	139.5	144.1	45.5	890.0
50°	66.7	66.1	62.8	66.6	83.9	94.8	97.2	31.9	921.9
55°	45.6	45.3	45.3	49.0	60.9	67.0	67.8	24.3	946.1
60°	31.9	31.8	34.1	38.0	45.2	47.1	47.1	18.6	964.8
65°	21.6	21.7	24.8	28.3	33.6	33.2	32.9	14.0	978.8
70°	13.4	13.7	16.2	19.9	24.5	23.3	22.8	9.9	988.7
75°	7.5	7.7	9.1	12.7	16.1	15.5	14.8	6.4	995.1
80°	4.0	4.1	4.6	6.4	8.9	8.9	8.1	3.5	998.6
85°	1.9	1.8	2.0	2.6	3.4	3.5	3.0	1.4	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: 51TL18VN48XF EAN: 4058352466438	LP number 58691_47
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UGR-Table	Standard room	siteco	
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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	18.2	19.5	18.5	19.8	20.1	19.1	20.4	19.5	20.7	21.1
	3H	18.4	19.5	18.8	19.9	20.2	19.6	20.7	20.0	21.1	21.4
	4H	18.4	19.5	18.8	19.8	20.2	19.8	20.9	20.2	21.2	21.6
	6H	18.4	19.4	18.8	19.7	20.1	19.9	20.9	20.3	21.3	21.6
	8H	18.5	19.3	18.9	19.7	20.1	20.1	20.9	20.5	21.3	21.7
	12H	18.5	19.2	18.9	19.6	20.1	20.1	20.8	20.5	21.2	21.6
4H	2H	18.4	19.4	18.8	19.8	20.1	19.2	20.3	19.6	20.6	21.0
	3H	18.6	19.5	19.1	19.9	20.3	19.9	20.7	20.3	21.1	21.5
	4H	18.7	19.5	19.1	19.9	20.3	20.2	20.9	20.6	21.3	21.8
	6H	18.7	19.4	19.2	19.8	20.3	20.4	21.0	20.8	21.5	21.9
	8H	18.7	19.3	19.2	19.8	20.3	20.4	21.0	20.9	21.5	22.0
	12H	18.8	19.2	19.2	19.7	20.2	20.5	21.0	21.0	21.5	22.0
8H	4H	18.8	19.4	19.3	19.8	20.3	20.2	20.8	20.7	21.2	21.7
	6H	18.8	19.3	19.3	19.8	20.3	20.5	21.0	21.0	21.4	21.9
	8H	18.8	19.3	19.4	19.8	20.3	20.6	21.0	21.1	21.5	22.0
	12H	18.9	19.2	19.4	19.7	20.3	20.6	21.0	21.2	21.5	22.0
12H	4H	18.8	19.3	19.3	19.8	20.3	20.2	20.7	20.7	21.1	21.6
	6H	18.9	19.3	19.4	19.8	20.3	20.5	20.9	21.0	21.4	21.9
	8H	18.9	19.2	19.4	19.7	20.3	20.6	20.9	21.1	21.4	22.0

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1500 B = 58
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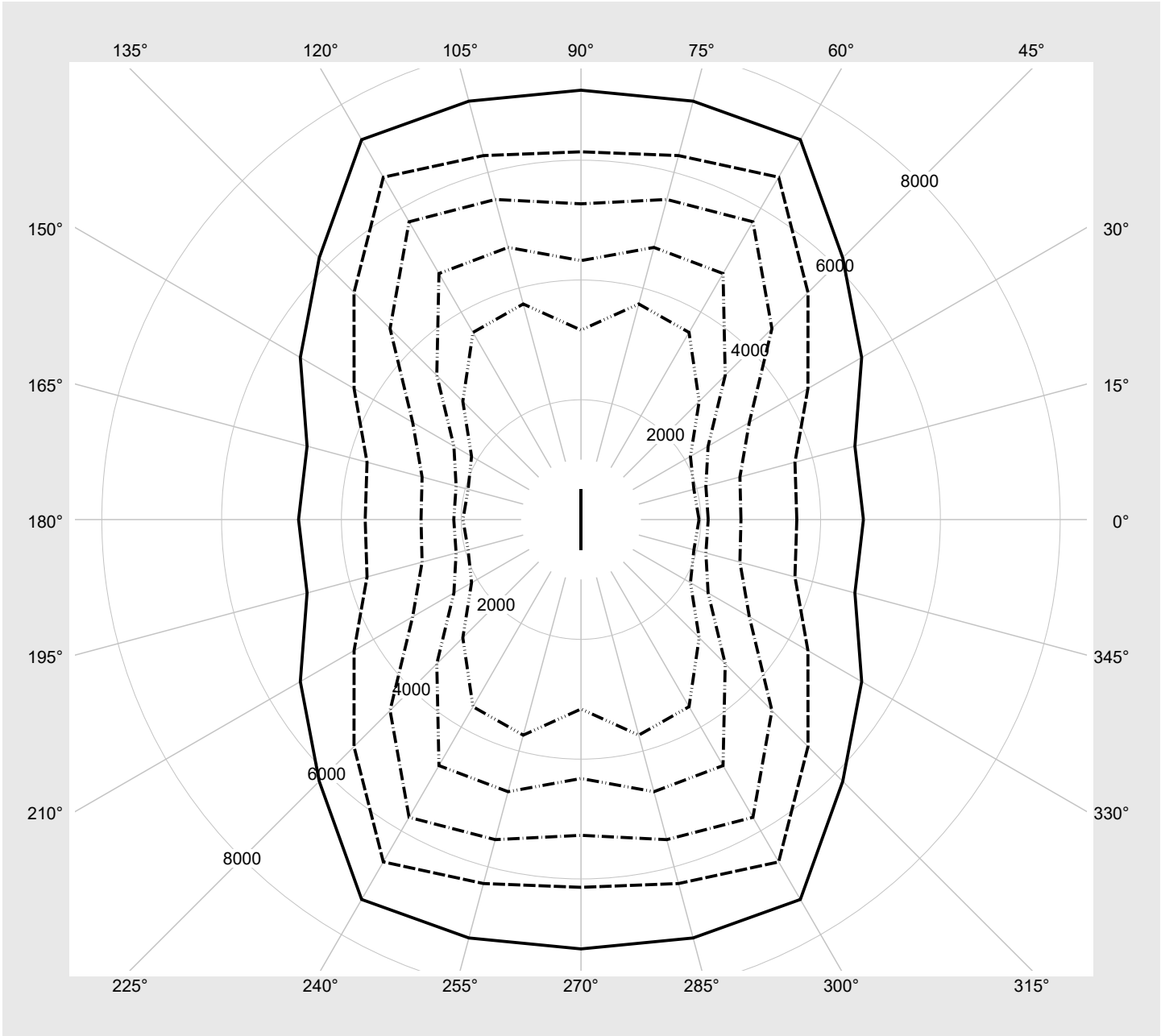
C-planes	γ	Luminance in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		14187.1	14083.8	13382.9	13513.1	16156.0	18182.1	18791.2	
50°		9572.2	9479.6	9000.9	9555.0	12037.2	13595.2	13946.7	
55°		7326.6	7281.8	7285.8	7869.5	9780.6	10765.0	10895.4	
60°		5886.9	5857.7	6296.0	7012.1	8326.8	8682.6	8674.5	
65°		4715.4	4734.6	5410.8	6180.4	7324.4	7232.2	7168.7	
70°		3603.0	3698.2	4374.4	5359.6	6600.5	6291.6	6140.4	
75°		2670.6	2746.8	3245.1	4508.1	5740.8	5532.8	5272.0	
80°		2124.0	2158.5	2450.5	3405.0	4743.3	4704.0	4323.4	
85°		1970.5	1951.4	2110.1	2790.2	3607.8	3726.2	3163.6	

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Family Licross® 11 Recessed	Order number: 51TL18VN48XF EAN: 4058352466438	LP number 58691_47
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Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



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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]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	8020	49.4	58.2	53.8
95	240	252	7614	46.5	55.1	50.8
90	227	250	7231	44.1	52.1	48.1
85	213	248	6820	41.4	48.9	45.2
80	200	245	6408	38.8	45.8	42.3
75	187	243	6014	36.4	42.9	39.6
70	174	240	5624	33.9	40.0	37.0
65	161	237	5223	31.5	37.0	34.2
60	148	234	4818	29.0	34.1	31.6
55	135	231	4416	26.7	31.2	29.0
50	122	227	4006	24.3	28.3	26.3
45	110	223	3624	22.0	25.7	23.8
40	97	219	3206	19.7	22.9	21.3
35	85	214	2817	17.5	20.3	18.9
30	72	208	2392	15.0	17.5	16.2
25	60	201	1997	12.9	14.8	13.8
20	48	193	1598	10.8	12.3	11.6
15	36	182	1198	8.7	9.8	9.2
10	24	168	791	6.4	7.3	6.8
5	12	142	389	4.4	4.7	4.6
2	5	110	152	3.0	3.2	3.1