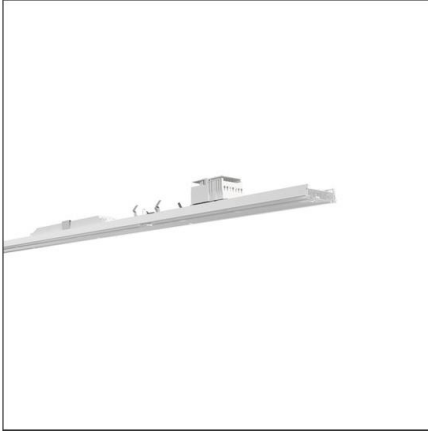


Photometric test report

Family
Licross® 11 Recessed

Order number: 51TL12DV4M1L
EAN: 4058352449028

LP number
58689_22



Version cover frosted, wide distribution, high visual comfort

Lamps LED 4000 K | CRI ≥ 80

Controlgear ECG-DALI

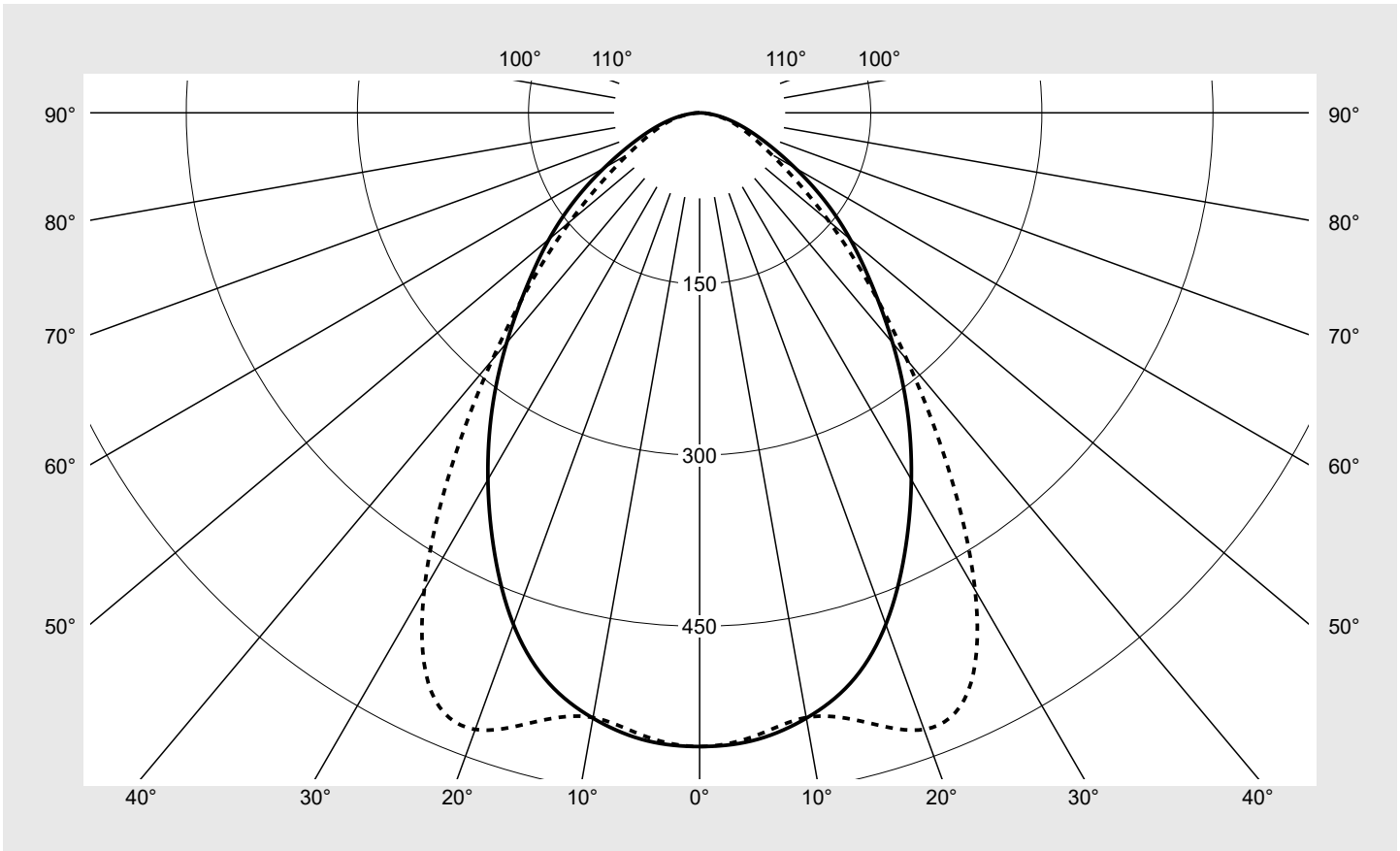
Rated values Net luminous flux = 26230 lm
Power consumption = 150.2 W
Luminous efficacy = 174.6 lm/W

serial
documentation
28.09.2020

sitEco

Luminous intensity in cd/klm C180-0 C270-90

Imax: 575 cd/klm



Classifications

DIN 5040 A 5 0
CIE N1=66 N2=91 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® 11 Recessed	Order number: 51TL12DV4M1L EAN: 4058352449028	LP number 58689_22
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°	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: 51TL12DV4M1L EAN: 4058352449028	LP number 58689_22
---------------------------------------	--	------------------------------

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	24.8	26.3	25.2	26.6	26.9	24.3	25.8	24.6	26.1	26.4
	3H	25.6	26.9	25.9	27.2	27.6	24.9	26.2	25.3	26.5	26.9
	4H	25.8	27.1	26.2	27.4	27.8	25.1	26.4	25.5	26.7	27.1
	6H	26.1	27.2	26.5	27.6	28.0	25.3	26.5	25.8	26.8	27.2
	8H	26.2	27.2	26.6	27.6	28.0	25.5	26.5	25.9	26.9	27.3
	12H	26.2	27.2	26.7	27.6	28.0	25.5	26.5	25.9	26.9	27.3
4H	2H	25.2	26.4	25.5	26.7	27.1	24.7	26.0	25.1	26.3	26.7
	3H	26.0	27.0	26.4	27.4	27.8	25.5	26.5	25.9	26.9	27.3
	4H	26.3	27.2	26.8	27.7	28.1	25.8	26.8	26.3	27.2	27.6
	6H	26.6	27.4	27.1	27.8	28.3	26.1	26.9	26.6	27.3	27.8
	8H	26.7	27.4	27.2	27.9	28.4	26.2	26.9	26.7	27.4	27.9
	12H	26.8	27.4	27.3	27.9	28.4	26.3	26.9	26.8	27.4	27.9
8H	4H	26.4	27.1	26.9	27.6	28.1	26.0	26.7	26.4	27.1	27.6
	6H	26.7	27.3	27.2	27.8	28.3	26.3	26.9	26.8	27.4	27.9
	8H	26.9	27.4	27.4	27.9	28.4	26.4	27.0	27.0	27.5	28.0
	12H	27.0	27.4	27.5	27.9	28.4	26.5	27.0	27.1	27.5	28.0
12H	4H	26.4	27.1	26.9	27.5	28.0	26.0	26.6	26.5	27.1	27.6
	6H	26.8	27.3	27.3	27.7	28.3	26.3	26.8	26.9	27.3	27.9
	8H	26.9	27.3	27.4	27.8	28.4	26.5	26.9	27.0	27.4	28.0

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 2250
			B = 58

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°		60746.0	57983.9	65394.9	65509.5	57650.5	56900.0	58849.2
50°		53867.9	50106.8	55415.7	55232.2	46781.6	44809.4	46277.2
55°		46721.3	42596.7	44279.8	45230.9	39168.5	35403.6	36094.6
60°		38861.8	35325.9	34261.4	36251.3	33418.4	28545.1	28968.0
65°		32189.9	29024.8	26789.0	29041.9	28785.5	24179.9	24760.6
70°		27553.1	24531.8	21456.5	23637.4	24746.9	21404.8	22393.9
75°		24023.0	20710.9	17527.6	19378.2	21026.9	19156.1	20639.4
80°		20568.6	17088.0	13862.1	15219.8	16964.2	16365.8	18063.8
85°		15204.6	12455.6	10131.0	11002.7	12169.7	12379.5	13546.5

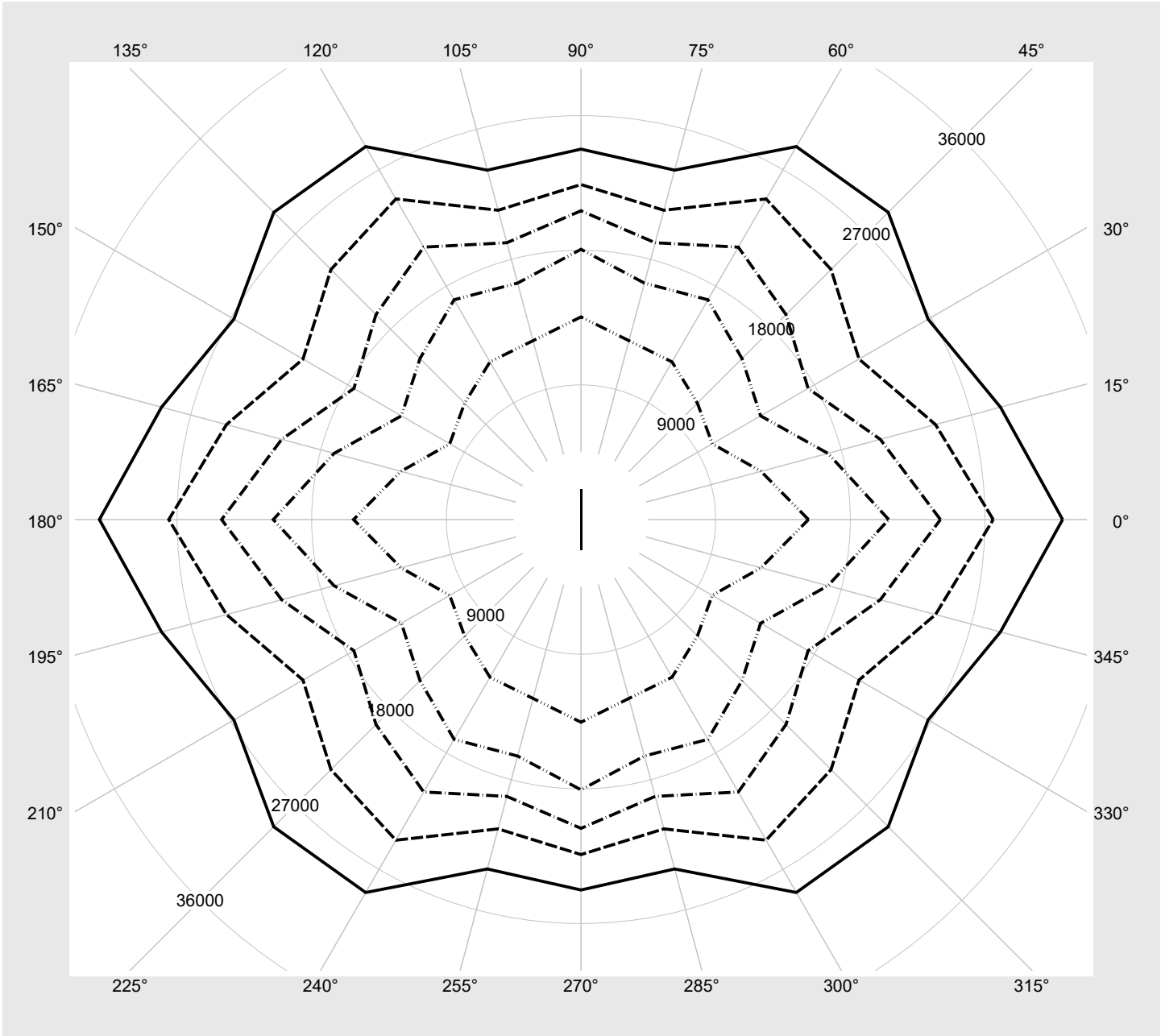
Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DV4M1L EAN: 4058352449028	LP number 58689_22
--	--	-------------------------------------

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: 51TL12DV4M1L EAN: 4058352449028	LP number 58689_22
---------------------------------------	--	------------------------------

Dimming levels table	environmental temperature: 25°C	sITeco
-----------------------------	---------------------------------	---------------

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	26230	150.2
95	240	252	24903	141.6
90	227	250	23654	133.6
85	213	248	22298	125.0
80	200	245	21020	117.1
75	186	243	19630	108.7
70	173	240	18323	100.9
65	160	237	17006	93.2
60	148	234	15777	86.2
55	135	231	14436	78.6
50	122	227	13089	71.1
45	110	223	11830	63.9
40	97	219	10452	56.6
35	85	214	9169	49.8
30	73	208	7874	43.0
25	61	202	6569	36.2
20	49	194	5252	29.5
15	37	183	3930	22.8
10	25	169	2594	16.2
5	14	148	1360	10.1
1	4	102	230	4.6