
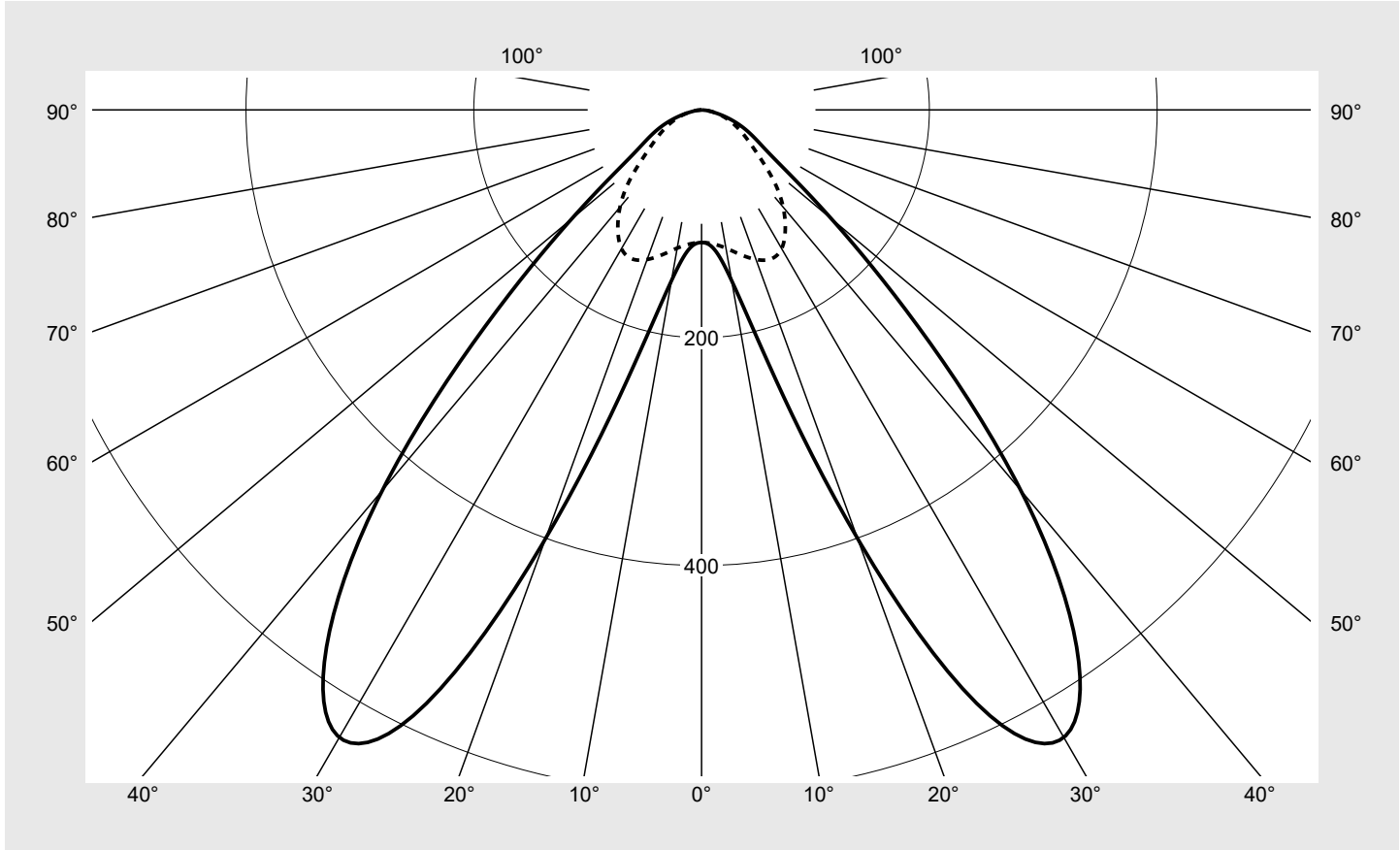


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL19DV4E5F EAN: 4058352449134	LP number 58532_31
	Version cover frosted, double asymmetric distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-DALI	serial documentation 28.09.2020
	Rated values Net luminous flux = 14780 lm Power consumption = 89.6 W Luminous efficacy = 165 lm/W	

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 703 cd/klm**



Classifications	
DIN 5040	A 4 0
CIE	N1=55 N2=89 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: 51TL19DV4E5F EAN: 4058352449134	LP number 58532_31
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°	116.4	116.4	116.4	116.4	116.4	116.4	116.4	0.7	0.7
5°	122.3	121.8	120.5	120.1	119.3	118.4	118.1	5.7	6.4
10°	152.3	149.6	141.1	133.1	127.4	124.1	123.2	12.9	19.3
15°	235.7	226.2	196.7	164.2	142.2	133.3	131.4	24.7	44.1
20°	400.4	377.8	306.4	227.1	167.8	143.8	139.7	46.6	90.7
25°	577.7	557.7	476.8	343.4	212.9	153.0	144.3	81.3	172.0
30°	636.1	636.8	610.4	517.3	280.0	157.9	140.6	118.3	290.3
35°	573.7	597.7	662.3	665.7	347.9	155.6	128.2	145.7	436.0
40°	436.2	470.5	613.4	703.5	376.1	144.6	111.4	151.6	587.6
45°	268.7	299.8	459.0	605.2	334.0	122.5	91.2	129.2	716.8
50°	149.1	168.3	276.5	419.8	259.3	97.4	69.0	93.1	809.9
55°	85.3	95.5	151.2	245.9	199.7	79.3	53.1	62.9	872.9
60°	59.3	63.7	88.0	138.5	152.7	65.0	42.1	44.2	917.1
65°	44.9	47.0	60.8	84.9	110.7	51.4	33.0	32.6	949.7
70°	31.7	33.1	42.5	56.3	76.3	38.4	24.7	23.6	973.3
75°	19.0	20.1	26.0	34.9	49.6	26.3	17.0	15.4	988.7
80°	8.8	9.4	12.7	18.2	27.0	15.2	9.8	8.3	997.0
85°	3.4	3.6	4.7	6.8	9.5	5.9	3.7	3.1	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: 51TL19DV4E5F EAN: 4058352449134	LP number 58532_31
---------------------------------------	--	------------------------------

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	25.1	26.7	25.5	27.0	27.4	23.9	25.6	24.3	25.9	26.2
	3H	25.3	26.7	25.6	27.0	27.4	24.2	25.7	24.6	26.0	26.3
	4H	25.3	26.7	25.7	27.0	27.4	24.3	25.7	24.7	26.0	26.4
	6H	25.3	26.6	25.7	26.9	27.3	24.3	25.6	24.7	26.0	26.4
	8H	25.4	26.5	25.8	26.9	27.3	24.3	25.5	24.7	25.9	26.3
	12H	25.3	26.4	25.8	26.8	27.2	24.3	25.5	24.7	25.9	26.3
4H	2H	25.5	26.9	25.9	27.2	27.6	24.6	26.0	25.0	26.3	26.7
	3H	25.8	26.9	26.2	27.3	27.7	25.4	26.5	25.8	26.9	27.3
	4H	25.9	26.9	26.3	27.3	27.7	25.6	26.6	26.1	27.0	27.5
	6H	25.9	26.8	26.4	27.2	27.7	25.7	26.6	26.2	27.1	27.5
	8H	25.9	26.7	26.4	27.1	27.6	25.7	26.6	26.2	27.0	27.5
	12H	25.9	26.6	26.4	27.1	27.6	25.7	26.5	26.2	27.0	27.4
8H	4H	26.0	26.8	26.5	27.3	27.8	25.8	26.6	26.3	27.1	27.5
	6H	26.1	26.8	26.6	27.2	27.7	26.1	26.8	26.6	27.2	27.7
	8H	26.1	26.7	26.6	27.2	27.7	26.2	26.8	26.7	27.3	27.8
	12H	26.1	26.6	26.6	27.1	27.6	26.2	26.7	26.7	27.2	27.8
12H	4H	26.0	26.8	26.5	27.2	27.7	25.8	26.5	26.3	27.0	27.5
	6H	26.1	26.7	26.6	27.2	27.7	26.1	26.7	26.6	27.2	27.7
	8H	26.1	26.7	26.7	27.2	27.7	26.3	26.7	26.8	27.2	27.8

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°		43031.8	48012.1	73519.9	96929.1	53491.4	19622.6	14605.2	
50°		26264.7	29660.5	48722.8	73961.5	45691.2	17164.3	12153.5	
55°		16850.8	18856.0	29859.3	48560.0	39431.0	15649.5	10477.7	
60°		13430.9	14439.8	19935.2	31364.6	34582.9	14734.0	9537.3	
65°		12031.1	12608.3	16294.2	22755.1	29671.9	13767.1	8832.1	
70°		10510.4	10957.8	14085.4	18627.0	25277.3	12724.1	8173.5	
75°		8316.8	8804.8	11388.3	15279.3	21714.1	11516.9	7435.1	
80°		5731.1	6098.9	8279.3	11885.4	17604.7	9925.5	6414.6	
85°		4479.3	4672.9	6053.0	8774.1	12406.1	7612.3	4865.2	

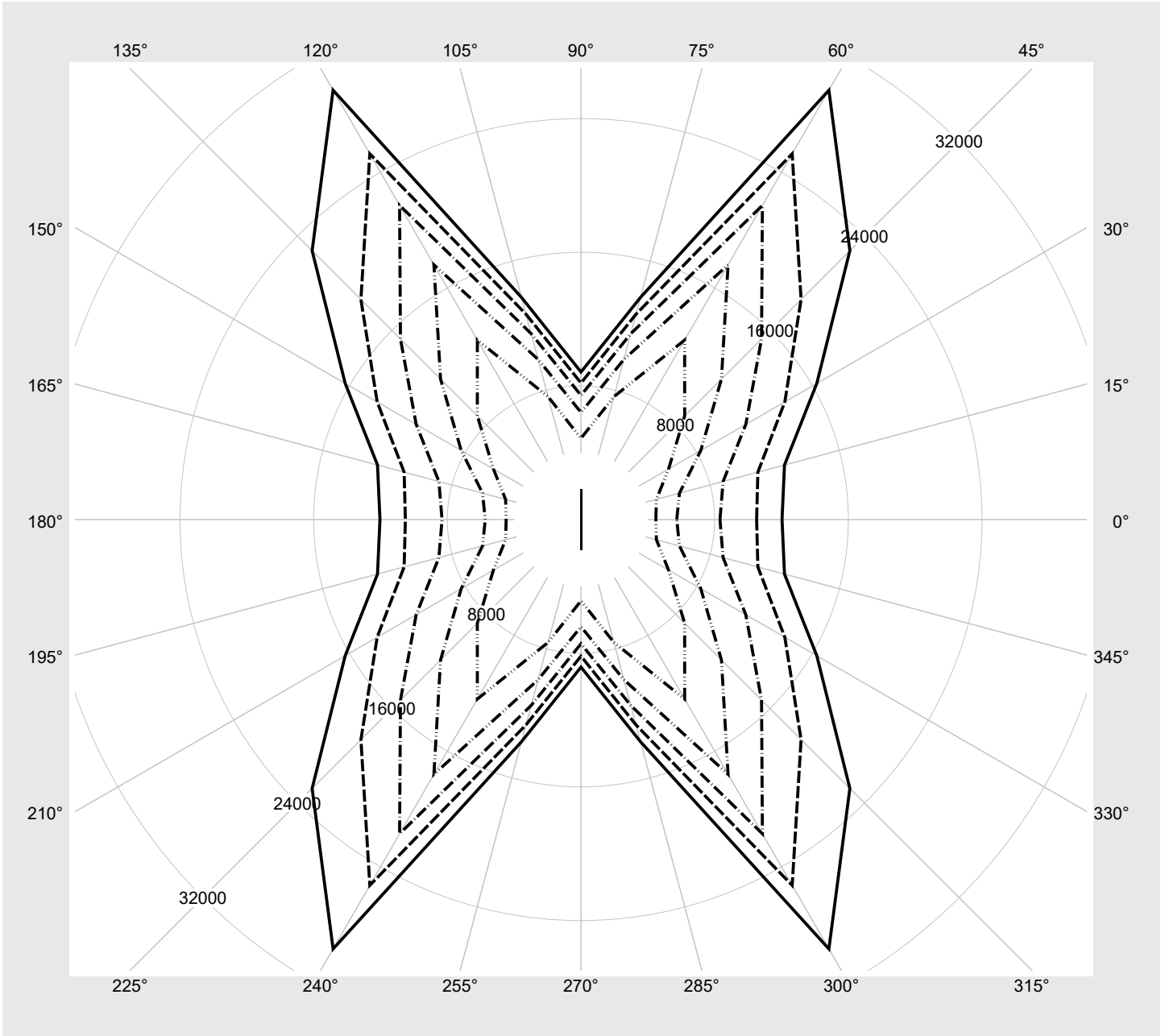
Photometric test report

Family Licross® 11 Recessed	Order number: 51TL19DV4E5F EAN: 4058352449134	LP number 58532_31
--	--	-------------------------------------

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: 51TL19DV4E5F EAN: 4058352449134	LP number 58532_31
---------------------------------------	--	-------------------------------------

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	14780	89.6
95	240	252	14036	84.4
90	226	250	13283	79.3
85	213	248	12575	74.6
80	199	245	11804	69.6
75	186	243	11080	65.0
70	173	240	10347	60.4
65	160	237	9609	55.7
60	147	234	8861	51.2
55	134	231	8110	46.8
50	122	227	7406	42.6
45	109	223	6636	38.3
40	97	219	5919	34.3
35	85	214	5195	30.2
30	72	208	4404	25.9
25	60	201	3667	22.0
20	49	194	2987	18.5
15	37	183	2238	14.6
10	25	169	1483	10.5
5	13	145	722	6.7
2	6	117	275	4.5