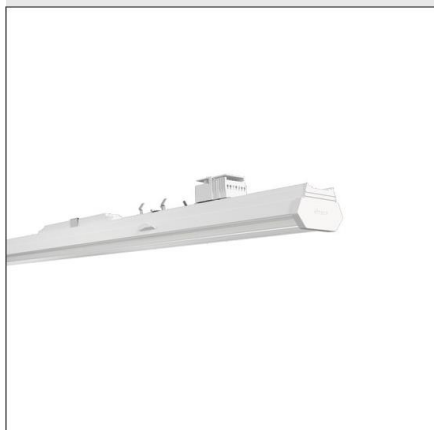


Photometric test report

Family
Licross® 11 Performance

Order number: 51TD12VN455G
EAN: 4069025404701

LP number
58524_311



Version prismatic cover, frosted, wide distribution
Lamps LED 4000 K | CRI ≥ 80
Controlgear ECG-DALI CLO
Rated values Net luminous flux = 5500 lm
 Power consumption = 29.7 W
 Luminous efficacy = 185.2 lm/W

serial
documentation
25.03.2025

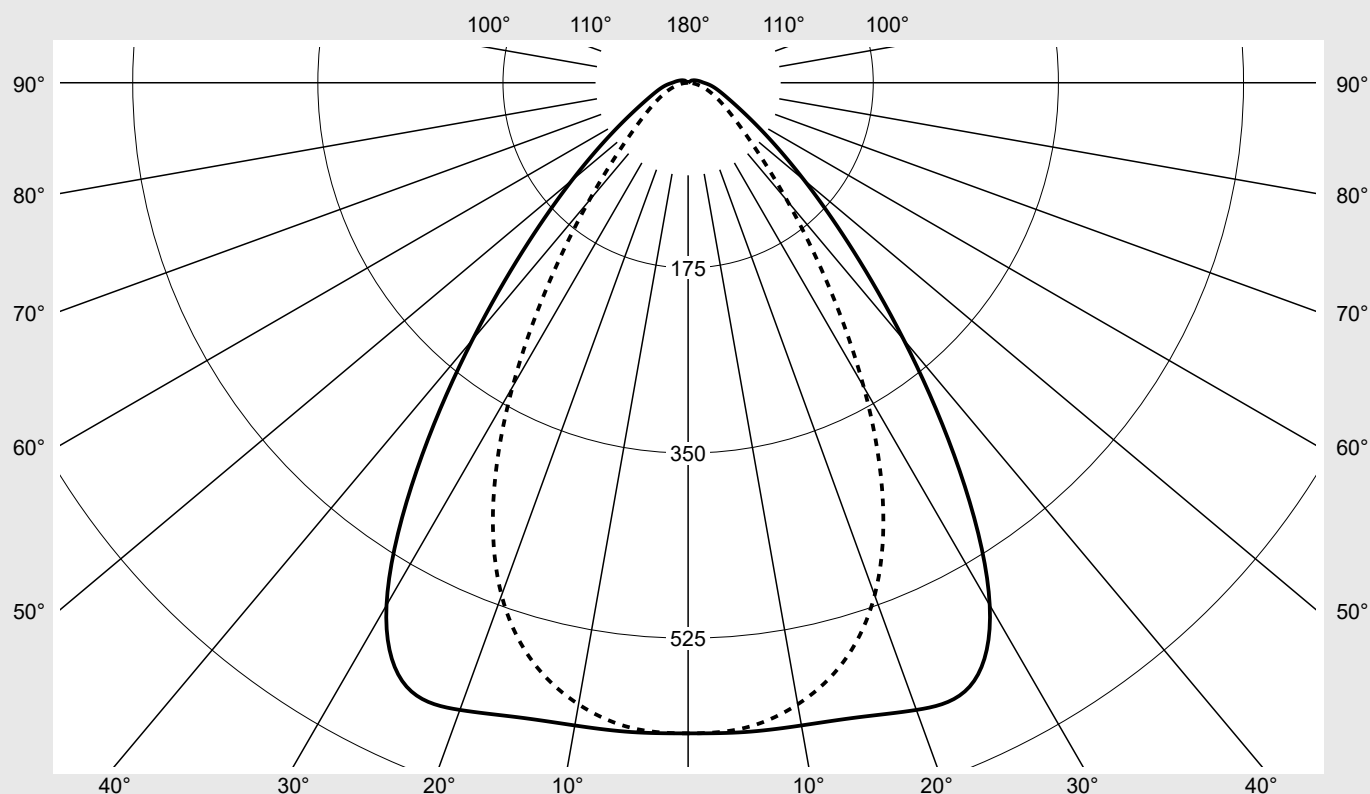
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Luminous intensity in cd/klm

C180-0

C270-90

Imax: 631 cd/klm



Classifications

DIN 5040 A 5 1
 CIE N1=73 N2=92 N3=98
 N4=99 N5=100

Luminaire light output ratios

η_{LB} 100.0%
 ϕ_u 98.6%
 ϕ_o 1.4%

Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® 11 Performance	Order number: 51TD12VN455G EAN: 4069025404701	LP number 58524_311
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°	615.0	615.0	615.0	615.0	615.0	615.0	615.0	3.7	3.7
5°	616.1	614.1	609.7	611.1	612.9	611.9	612.2	29.3	32.9
10°	616.9	615.1	606.4	602.8	600.3	597.0	596.6	57.6	90.5
15°	620.9	617.8	600.9	587.5	576.7	568.6	566.8	83.8	174.3
20°	630.8	623.5	591.7	561.2	536.7	520.1	515.5	106.4	280.7
25°	629.8	620.7	576.3	523.2	476.9	445.6	435.5	122.6	403.3
30°	570.2	568.9	534.3	469.6	398.0	348.4	331.9	126.5	529.9
35°	447.2	456.9	450.2	394.1	307.5	246.5	227.0	114.9	644.8
40°	317.0	331.0	344.1	303.2	220.2	163.1	146.0	93.6	738.3
45°	213.9	226.3	244.1	214.7	147.7	105.6	94.0	70.6	808.9
50°	143.1	152.0	166.9	144.8	97.7	70.8	64.1	51.5	860.4
55°	96.6	102.1	111.9	95.1	64.8	49.7	46.3	37.0	897.4
60°	67.0	69.6	74.2	63.4	44.8	36.0	34.5	26.8	924.2
65°	49.0	49.5	50.0	42.8	32.0	26.6	25.7	19.7	943.9
70°	37.9	37.0	34.4	29.4	23.3	19.5	18.8	14.8	958.7
75°	30.5	28.7	24.6	20.4	16.6	13.6	12.7	11.1	969.8
80°	24.8	22.7	18.1	14.1	11.2	8.8	7.6	8.2	978.0
85°	19.7	17.8	13.4	9.8	7.1	4.8	3.4	5.9	983.8
90°	14.9	13.4	9.7	6.4	4.0	1.9	0.4	3.9	987.8
95°	12.2	11.1	8.2	5.4	3.1	1.2	0.3	3.2	991.0
100°	10.0	9.2	6.9	4.5	2.4	0.7	0.3	2.6	993.6
105°	8.2	7.6	5.7	3.6	1.7	0.4	0.3	2.1	995.6
110°	6.8	6.2	4.6	2.7	1.1	0.3	0.3	1.6	997.2
115°	5.5	5.0	3.7	2.0	0.7	0.4	0.4	1.2	998.4
120°	4.3	3.8	2.7	1.4	0.6	0.5	0.5	0.9	999.3
125°	3.1	2.7	1.8	0.9	0.6	0.6	0.6	0.6	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

Photometric test report

Family Licross® 11 Performance	Order number: 51TD12VN455G EAN: 4069025404701	LP number 58524_311
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	17.4	18.9	17.8	19.2	19.5	14.4	15.8	14.7	16.1	16.4
	3H	17.8	19.1	18.2	19.4	19.7	14.7	16.0	15.1	16.3	16.7
	4H	18.0	19.2	18.4	19.5	19.9	14.9	16.1	15.3	16.4	16.8
	6H	18.2	19.3	18.6	19.6	20.0	15.0	16.1	15.4	16.5	16.9
	8H	18.4	19.3	18.9	19.7	20.1	15.1	16.1	15.5	16.5	16.9
	12H	18.6	19.4	19.0	19.8	20.2	15.1	16.1	15.6	16.5	16.9
4H	2H	17.5	18.7	17.9	19.0	19.4	14.9	16.0	15.3	16.4	16.7
	3H	18.0	19.0	18.4	19.3	19.8	15.3	16.3	15.7	16.7	17.1
	4H	18.2	19.1	18.7	19.5	20.0	15.5	16.4	16.0	16.8	17.3
	6H	18.6	19.3	19.0	19.8	20.2	15.7	16.5	16.2	16.9	17.4
	8H	18.8	19.5	19.3	19.9	20.4	15.8	16.5	16.3	16.9	17.4
	12H	19.0	19.6	19.5	20.0	20.5	15.9	16.5	16.3	16.9	17.4
8H	4H	18.2	18.9	18.7	19.4	19.9	15.7	16.4	16.2	16.8	17.3
	6H	18.7	19.2	19.2	19.7	20.2	16.0	16.5	16.5	17.0	17.5
	8H	18.9	19.4	19.4	19.9	20.4	16.1	16.6	16.6	17.1	17.6
	12H	19.2	19.6	19.7	20.1	20.7	16.2	16.6	16.7	17.1	17.6
12H	4H	18.2	18.9	18.7	19.3	19.8	15.8	16.3	16.3	16.8	17.3
	6H	18.7	19.2	19.2	19.6	20.2	16.1	16.5	16.6	17.0	17.5
	8H	18.9	19.4	19.5	19.9	20.4	16.2	16.6	16.7	17.1	17.6

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:	L = 1480 B = 115	H(C0) = 36 H(C90) = 0	H(C180) = 36 H(C270) = 0
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°	7445.9	7939.5	8776.0	8032.7	5835.5	4465.0	4297.5
50°	5238.0	5617.5	6343.3	5761.6	4139.8	3244.7	3220.4
55°	3759.4	4016.0	4543.5	4070.8	2984.0	2507.9	2608.9
60°	2809.5	2951.8	3264.2	2961.0	2275.5	2042.5	2227.2
65°	2243.7	2297.7	2415.4	2216.9	1830.3	1735.6	1965.0
70°	1925.5	1911.5	1865.3	1728.9	1536.6	1509.5	1772.6
75°	1756.8	1684.9	1524.1	1396.1	1306.5	1304.5	1591.5
80°	1664.0	1557.2	1329.0	1163.8	1108.2	1119.4	1414.9
85°	1592.8	1478.3	1216.1	1025.6	950.1	930.0	1277.7

Photometric test report

Family
Licross® 11 Performance

Order number: 51TD12VN455G
EAN: 4069025404701

LP number
58524_311

Luminance values in cd/m²

γ 65°

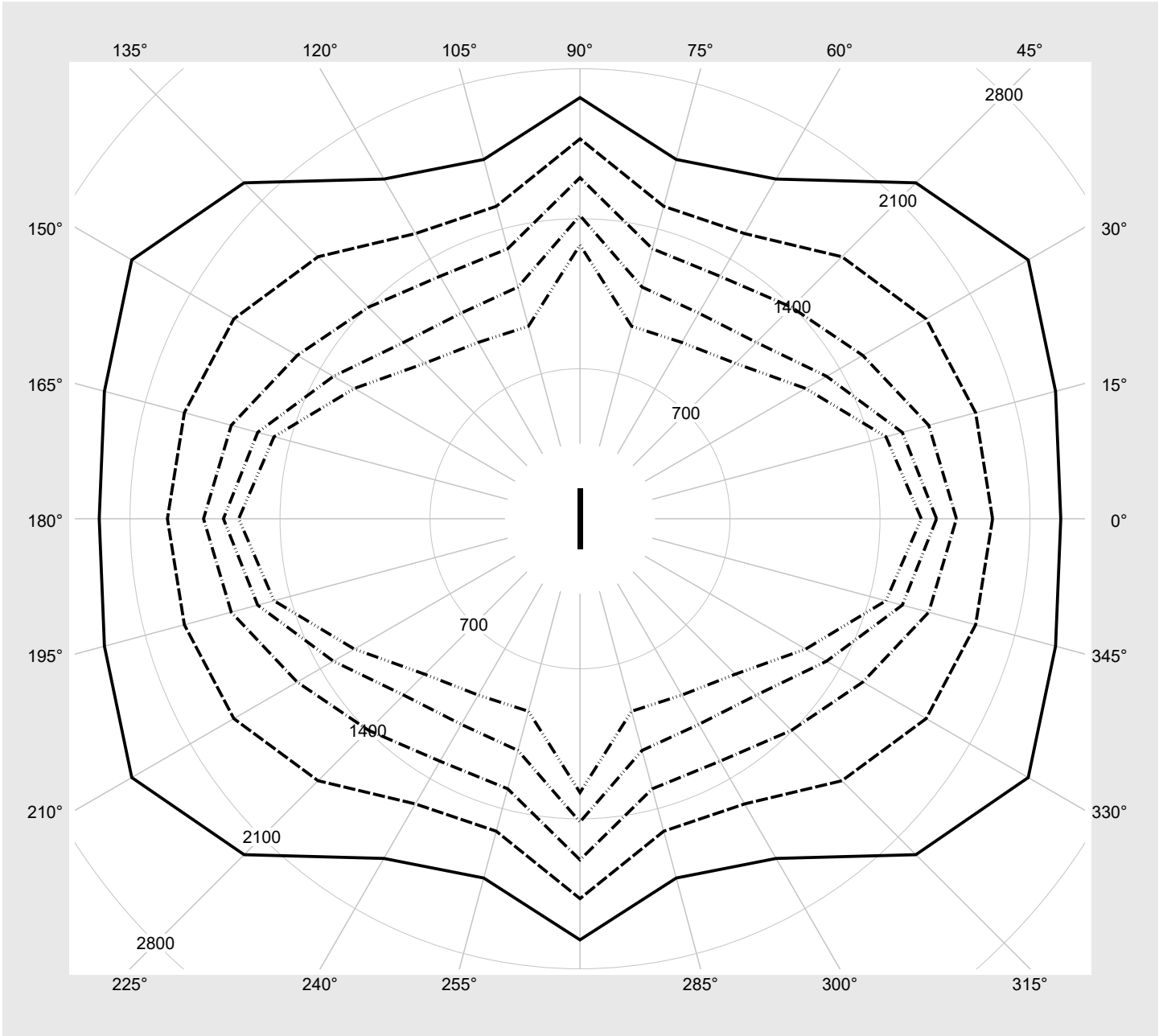
γ 70°

γ 75°

γ 80°

γ 85°

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Photometric test report

Family Licross® 11 Performance	Order number: 51TD12VN455G EAN: 4069025404701	LP number 58524_311
Dimming levels table environmental temperature: 25°C		

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	5500	29.7	32.8	31.2
95	241	252	5231	28.3	31.1	29.7
90	228	250	4957	26.9	29.4	28.2
85	214	248	4665	25.3	27.8	26.6
80	201	245	4392	24.0	26.3	25.2
75	188	243	4118	22.6	24.7	23.6
70	175	240	3841	21.1	23.1	22.1
65	162	238	3564	19.6	21.5	20.6
60	150	235	3308	18.2	20.0	19.1
55	137	231	3024	16.7	18.4	17.5
50	124	228	2744	15.2	16.7	16.0
45	112	224	2483	13.8	15.2	14.5
40	99	219	2199	12.2	13.5	12.8
35	86	214	1915	10.8	11.8	11.3
30	74	209	1650	9.5	10.3	9.9
25	62	202	1385	8.1	8.9	8.5
20	49	194	1096	6.6	7.2	6.9
15	37	183	825	5.2	5.7	5.4
10	25	169	555	3.7	4.0	3.8
8	21	163	465	3.2	3.5	3.4