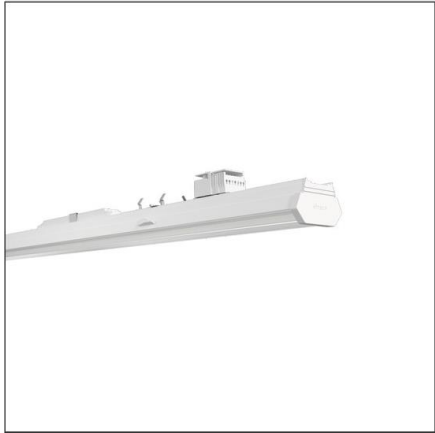
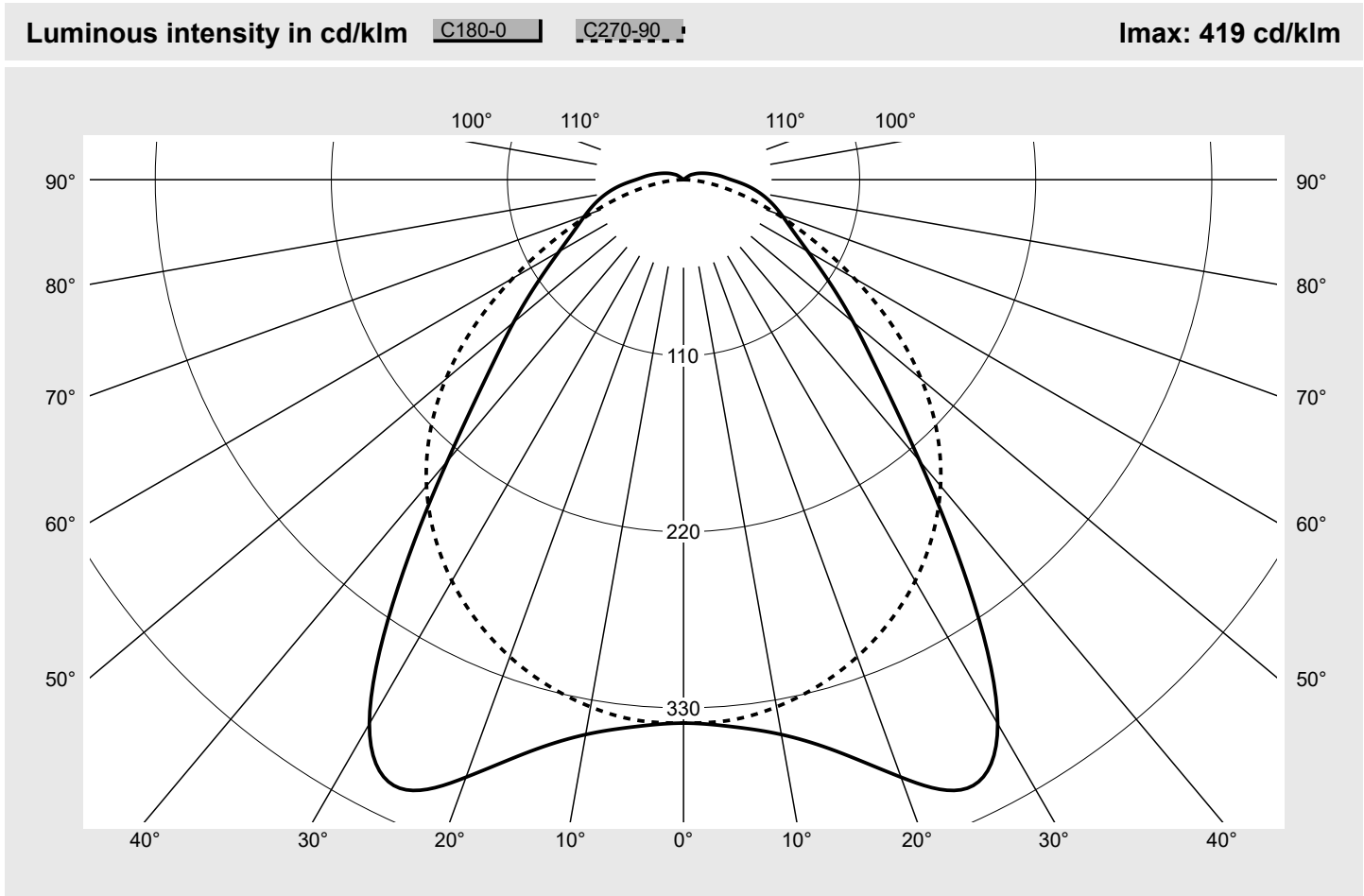


Photometric test report

Family Licross® 11 Protected	Order number: 51TD1BDN6DXM EAN: 4069025299376	LP number 58521_186
	Version	prismatic cover, frosted, wide distribution
	Lamps	LED 6500 K CRI ≥ 80
	Controlgear	ECG-DALI
	Rated values	Net luminous flux = 13290 lm Power consumption = 81.3 W Luminous efficacy = 163.5 lm/W
		serial documentation 28.11.2024
		siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 4 1	η_{LB}	100.0%
CIE	N1=54 N2=82 N3=95	ϕ_u	96.8%
	N4=97 N5=100	ϕ_o	3.2%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® 11 Protected	Order number: 51TD1BDN6DXM EAN: 4069025299376	LP number 58521_186
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°	339.5	339.5	339.5	339.5	339.5	339.5	339.5	2.0	2.0
5°	343.0	342.0	339.2	339.3	339.7	338.8	338.9	16.2	18.3
10°	352.0	350.9	345.1	341.6	338.4	335.1	334.4	32.6	50.9
15°	369.7	367.9	356.8	346.8	337.2	329.4	327.1	49.3	100.2
20°	397.2	393.9	374.9	354.6	335.9	321.8	317.2	66.8	167.0
25°	419.5	416.9	395.3	365.3	334.4	312.1	304.6	84.4	251.4
30°	392.5	397.1	392.3	370.7	332.1	300.1	289.4	97.4	348.9
35°	311.0	322.2	341.8	350.7	323.8	285.3	271.2	100.3	449.2
40°	229.5	240.6	267.7	298.9	299.5	266.8	249.8	94.7	543.9
45°	174.0	182.0	204.5	237.4	256.3	239.9	224.1	85.2	629.1
50°	138.5	144.4	161.2	187.1	207.0	203.8	193.9	74.9	704.0
55°	110.9	115.6	129.9	149.5	163.4	162.9	159.6	64.1	768.1
60°	89.8	92.9	103.5	120.2	127.5	124.1	123.1	53.4	821.5
65°	75.3	77.0	82.7	94.9	98.6	91.3	89.2	43.6	865.1
70°	65.6	65.8	66.8	73.1	74.5	64.6	61.3	35.1	900.1
75°	57.2	56.6	54.5	55.3	53.6	43.2	39.2	27.5	927.6
80°	48.6	47.5	44.1	40.6	36.2	26.8	21.9	20.7	948.4
85°	39.1	38.1	34.6	29.4	22.8	14.4	9.2	14.9	963.2
90°	29.7	28.9	25.8	20.2	13.1	5.9	0.8	10.0	973.2
95°	24.0	23.5	21.5	16.6	10.0	3.6	0.7	8.0	981.2
100°	19.1	18.8	17.3	13.3	7.4	1.9	0.7	6.2	987.3
105°	15.1	14.8	13.5	10.2	5.0	0.8	0.6	4.6	991.9
110°	11.8	11.4	10.2	7.3	2.9	0.6	0.6	3.3	995.3
115°	9.1	8.6	7.4	4.7	1.4	0.7	0.7	2.3	997.5
120°	6.7	6.2	4.9	2.7	0.8	0.7	0.8	1.5	999.1
125°	4.5	4.0	2.9	1.3	0.8	0.8	0.8	0.9	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 Protected	Order number: 51TD1BDN6DXM EAN: 4069025299376	LP number 58521_186
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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	22.1	23.8	22.5	24.1	24.4	24.0	25.6	24.4	25.9	26.3
	3H	23.3	24.8	23.7	25.1	25.5	25.0	26.5	25.4	26.8	27.2
	4H	24.0	25.4	24.4	25.8	26.1	25.4	26.8	25.8	27.1	27.5
	6H	24.8	26.1	25.2	26.5	26.8	25.6	26.9	26.0	27.3	27.7
	8H	25.2	26.4	25.6	26.8	27.2	25.7	26.9	26.2	27.3	27.7
	12H	25.6	26.7	26.0	27.1	27.5	25.8	26.9	26.2	27.3	27.7
4H	2H	23.0	24.4	23.4	24.7	25.1	24.4	25.8	24.8	26.2	26.6
	3H	24.4	25.5	24.8	25.9	26.3	25.7	26.9	26.1	27.3	27.7
	4H	25.2	26.2	25.6	26.7	27.1	26.2	27.3	26.7	27.7	28.1
	6H	26.1	27.0	26.5	27.5	27.9	26.6	27.5	27.0	27.9	28.4
	8H	26.6	27.4	27.0	27.9	28.3	26.7	27.6	27.2	28.0	28.5
	12H	27.1	27.8	27.5	28.3	28.8	26.8	27.6	27.3	28.0	28.5
8H	4H	25.6	26.4	26.1	26.9	27.4	26.5	27.4	27.0	27.8	28.3
	6H	26.7	27.4	27.2	27.9	28.4	27.0	27.7	27.5	28.2	28.7
	8H	27.3	27.9	27.8	28.4	28.9	27.2	27.9	27.7	28.4	28.9
	12H	27.9	28.5	28.4	28.9	29.5	27.4	27.9	27.9	28.4	29.0
12H	4H	25.7	26.4	26.2	26.9	27.4	26.6	27.3	27.0	27.8	28.3
	6H	26.8	27.4	27.3	27.9	28.4	27.2	27.8	27.7	28.2	28.8
	8H	27.5	28.0	28.0	28.5	29.0	27.4	28.0	27.9	28.4	29.0

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 1480 B = 78	H(C0) = 13 H(C90) = 0	H(C180) = 13 H(C270) = 0
C-planes	γ	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
		Luminance in cd/m²						
45°		24281.4	25516.7	29100.8	34577.5	38522.2	37440.2	36481.1
50°		20701.4	21702.2	24639.2	29375.8	33727.0	34718.6	34727.8
55°		17973.6	18863.2	21618.6	25680.3	29303.9	30804.2	32026.1
60°		16039.2	16725.2	19067.6	22977.4	25656.2	26596.9	28335.7
65°		15118.3	15582.8	17199.5	20628.7	22788.3	22759.0	24291.7
70°		15134.4	15354.4	16099.5	18592.5	20404.5	19452.2	20649.5
75°		15684.7	15735.1	15748.5	17074.6	18198.7	16550.8	17446.3
80°		16548.1	16460.4	16081.7	16144.4	16316.8	14265.9	14547.0
85°		17778.8	17699.6	17230.5	16553.0	15447.0	12738.8	12181.4

Photometric test report

Family
Licross® 11 Protected

Order number: 51TD1BDN6DXM
EAN: 4069025299376

LP number
58521_186

Luminance values in cd/m²

γ 65°

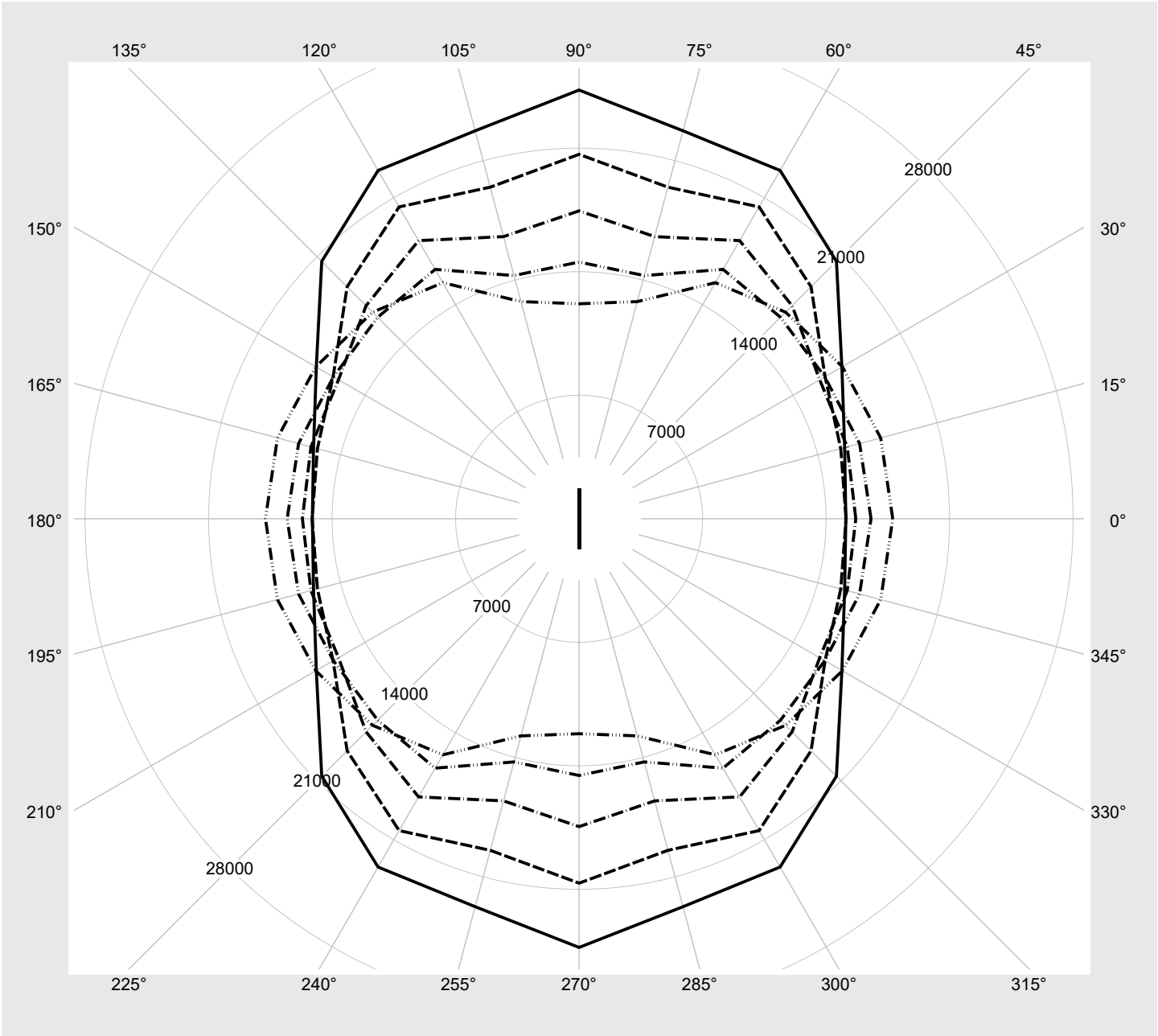
γ 70°

γ 75°

γ 80°

γ 85°

siteco



Photometric test report

Family Licross® 11 Protected	Order number: 51TD1BDN6DXM EAN: 4069025299376	LP number 58521_186
Dimming levels table environmental temperature: 25°C		

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	13290	81.3
95	240	252	12610	76.7
90	227	250	11971	72.5
85	213	248	11276	67.9
80	200	245	10627	63.8
75	187	243	9973	59.6
70	174	240	9314	55.5
65	161	237	8651	51.4
60	148	234	7983	47.4
55	135	231	7310	43.3
50	122	227	6629	39.3
45	110	223	5998	35.6
40	97	219	5308	31.7
35	85	214	4666	28.0
30	72	208	3965	24.1
25	60	201	3313	20.5
20	48	193	2656	16.9
15	36	182	1995	13.4
10	24	168	1329	9.6
5	12	142	658	6.2
2	4	102	208	3.9