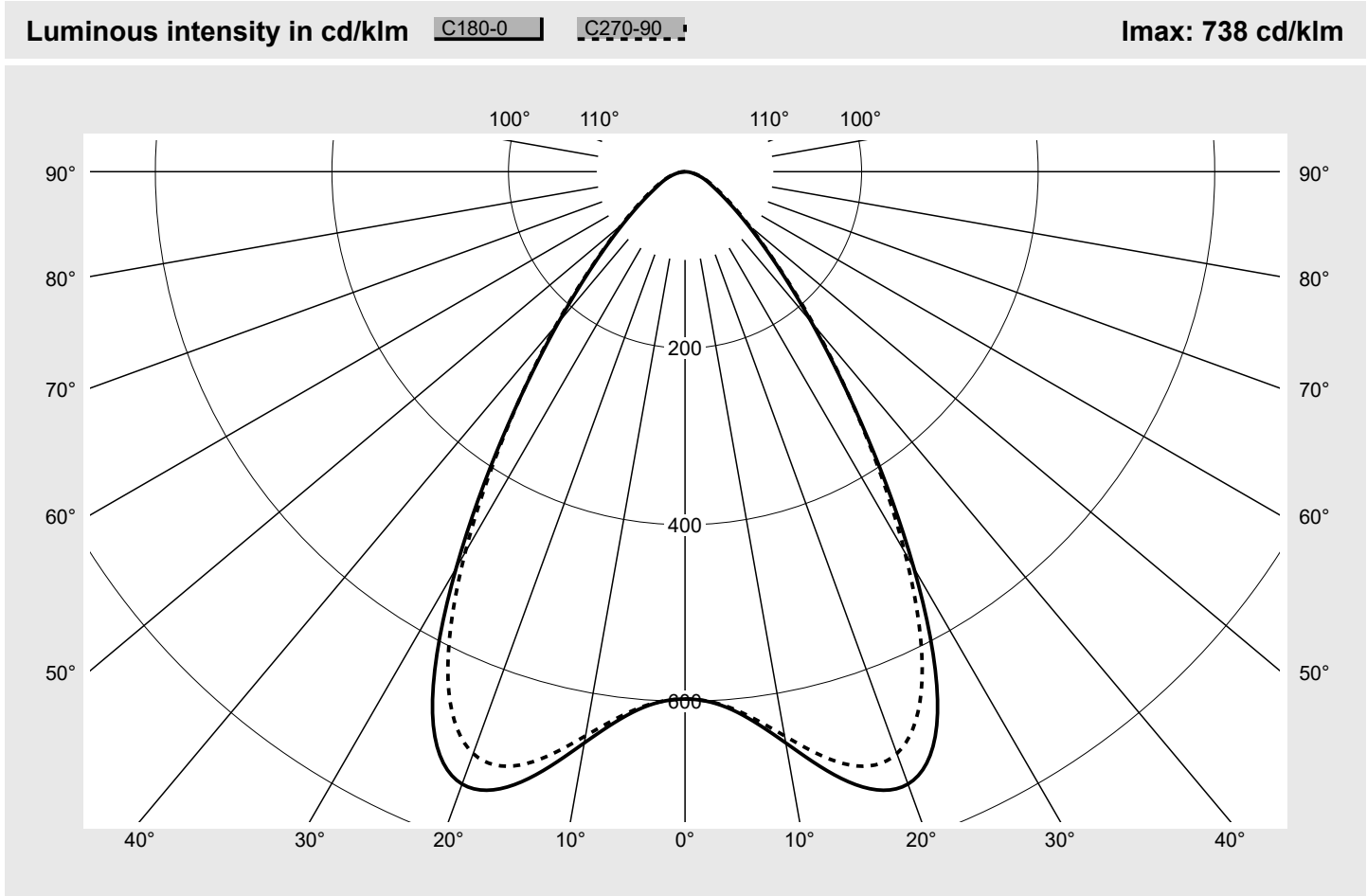


Photometric test report

Family Scriptus®	Order number: 5MZ312LEDZM00191XX EAN: 4058352535011	LP number 59228_5
	Version	recessed luminaire for lay-in mounting, MLA-optic, wide distribution, UGR≤19 (L65≤3000cd/m²)
	Lamps	LED 4000 K CRI ≥ 80
	Controlgear	ECG-DALI
	Rated values	Net luminous flux = 6400 lm Power consumption = 37.5 W Luminous efficacy = 170.7 lm/W
		serial documentation 23.09.2024
		siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 6 0	ηLB	100.0%
CIE	N1=80 N2=95 N3=99	φ _u	100.0%
	N4=100 N5=100	φ _o	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Scriptus®	Order number: 5MZ312LEDZM00191XX EAN: 4058352535011	LP number 59228_5
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°	597.5	597.5	597.5	597.5	597.5	597.5	597.5	3.6	3.6
5°	611.9	611.8	612.8	613.3	611.8	610.1	610.4	29.2	32.8
10°	657.2	656.1	656.2	654.1	651.6	648.4	649.0	62.2	95.0
15°	715.7	713.2	711.0	704.8	698.7	692.5	694.3	99.9	194.9
20°	738.3	733.5	734.5	727.2	715.9	701.6	701.6	135.4	330.3
25°	676.8	672.2	675.8	667.0	657.8	636.1	635.3	153.1	483.3
30°	518.3	511.9	518.2	517.5	512.2	496.0	498.0	140.0	623.3
35°	348.7	345.1	354.6	358.8	355.7	343.2	346.2	110.3	733.6
40°	223.4	223.7	230.0	235.6	232.7	226.4	227.7	80.7	814.3
45°	141.6	141.4	143.8	148.6	148.5	145.9	143.9	56.3	870.5
50°	90.9	90.7	91.8	94.3	96.2	95.5	94.0	39.3	909.8
55°	59.8	60.5	61.9	62.9	63.8	64.7	64.0	28.1	937.9
60°	40.8	41.9	42.7	44.0	44.2	44.7	44.6	20.6	958.5
65°	29.8	29.9	30.4	31.2	31.9	31.9	32.1	15.4	973.9
70°	21.6	21.4	22.6	22.7	22.9	22.8	22.8	11.6	985.5
75°	14.0	14.9	15.6	15.6	15.2	15.4	15.4	8.1	993.5
80°	8.1	8.5	8.5	8.6	8.4	8.5	8.5	4.6	998.1
85°	3.5	3.5	3.4	3.4	3.5	3.5	3.4	1.9	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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

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Family Scriptus®			Order number: 5MZ312LEDZM00191XX EAN: 4058352535011							LP number 59228_5	
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	16.7	18.0	17.0	18.3	18.6	16.8	18.2	17.2	18.5	18.8
	3H	17.0	18.2	17.4	18.6	18.9	17.2	18.4	17.6	18.8	19.1
	4H	17.2	18.3	17.6	18.7	19.0	17.4	18.5	17.8	18.9	19.2
	6H	17.3	18.3	17.7	18.7	19.1	17.5	18.5	17.9	18.9	19.3
	8H	17.4	18.3	17.9	18.7	19.1	17.7	18.5	18.1	18.9	19.3
	12H	17.5	18.3	17.9	18.7	19.1	17.7	18.5	18.1	18.9	19.3
4H	2H	16.8	17.9	17.2	18.3	18.6	16.9	18.0	17.3	18.4	18.8
	3H	17.3	18.2	17.7	18.6	19.0	17.5	18.4	17.9	18.8	19.2
	4H	17.6	18.4	18.0	18.8	19.2	17.8	18.6	18.2	19.0	19.4
	6H	17.8	18.5	18.2	18.9	19.4	18.0	18.7	18.4	19.1	19.6
	8H	17.8	18.5	18.3	18.9	19.4	18.0	18.7	18.5	19.1	19.6
	12H	17.9	18.4	18.4	18.9	19.4	18.1	18.6	18.6	19.1	19.6
8H	4H	17.7	18.3	18.1	18.7	19.2	17.8	18.5	18.3	18.9	19.4
	6H	17.9	18.4	18.4	18.9	19.4	18.1	18.6	18.6	19.1	19.6
	8H	18.0	18.5	18.5	19.0	19.5	18.2	18.6	18.7	19.1	19.7
	12H	18.1	18.5	18.6	19.0	19.5	18.3	18.6	18.8	19.1	19.7
12H	4H	17.7	18.2	18.2	18.7	19.2	17.9	18.4	18.4	18.9	19.4
	6H	18.0	18.4	18.5	18.9	19.4	18.1	18.6	18.6	19.0	19.6
	8H	18.1	18.4	18.6	18.9	19.5	18.2	18.6	18.8	19.1	19.6

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 380 B = 380	
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°	8872.8	8860.9	9011.2	9315.2	9308.5	9146.4	9021.4
50°	6264.3	6253.2	6333.1	6502.1	6630.3	6583.9	6483.5
55°	4622.2	4671.2	4786.1	4857.5	4933.5	5002.2	4947.5
60°	3614.4	3718.0	3788.5	3897.4	3916.3	3961.4	3956.9
65°	3125.1	3136.7	3185.0	3270.6	3344.9	3343.5	3370.9
70°	2804.3	2775.0	2927.2	2944.6	2963.5	2958.0	2960.7
75°	2401.9	2550.5	2672.8	2674.7	2602.6	2634.1	2639.0
80°	2075.3	2163.4	2158.5	2197.8	2141.4	2171.0	2160.6
85°	1800.2	1785.4	1750.9	1748.3	1770.2	1776.8	1748.3

Photometric test report

Family
Scriptus®

Order number: 5MZ312LEDZM00191XX
EAN: 4058352535011

LP number
59228_5

Luminance values in cd/m²

γ 65°

γ 70°

γ 75°

γ 80°

γ 85°

siteco

