

Photometric test report

Family
Scriptus®

Order number: **5MZ312D04WA**
EAN: **4058352065129**

LP number
57362_1



Version	symmetrical design, MLA-optic, direct/indirect wide distribution, UGR≤19
Lamps	1 x LED 4000K / CRI ≥ 80 (unbekannt LED 4000K / CRI = 80)
Controlgear	ECG-DALI
Setting	factory setting: direct and indirect light
Rated values	Net luminous flux = 8020 lm Power consumption = 61.5 W Luminous efficacy = 130.4 lm/W

serial
documentation
06.08.2017

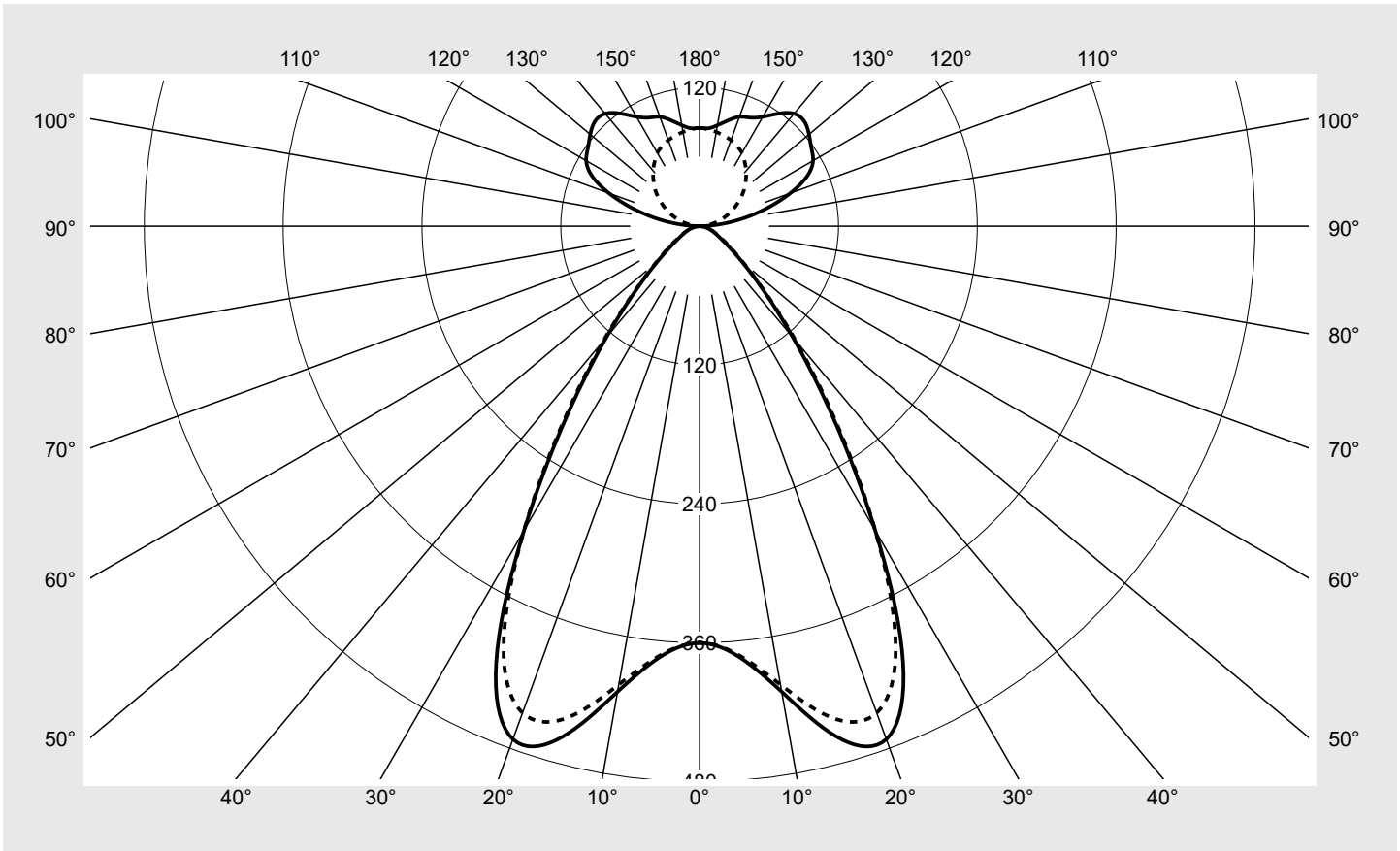
siteco

Luminous intensity in cd/klm

C180-0

C270-90

Imax: 474 cd/klm



Classifications

DIN 5040 C 6 2
CIE N1=82 N2=95 N3=99
N4=60 N5=100

Luminaire light output ratios

η_{LB} 100.0%
 ϕ_u 59.9%
 ϕ_o 40.1%

Measurement conditions

DIN EN 13032 and DIN 5032

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Table of values for luminous intensities		Maximum luminous intensity
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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°	360.2	360.2	360.2	360.2	360.2	360.2	360.2	2.2	2.2
5°	372.6	371.6	370.9	372.0	371.0	371.0	371.3	17.7	19.9
10°	408.5	407.0	405.7	405.1	403.1	401.8	402.2	38.5	58.4
15°	456.6	455.4	452.1	446.7	443.1	439.9	439.5	63.5	121.9
20°	471.8	473.5	470.8	466.6	458.3	449.4	447.5	86.8	208.7
25°	416.1	419.8	421.7	418.3	414.5	401.7	401.1	95.9	304.6
30°	303.6	306.5	312.2	314.2	313.8	303.8	303.6	84.7	389.3
35°	199.8	200.8	208.8	212.8	211.4	203.3	203.9	64.9	454.3
40°	125.4	127.2	130.5	134.7	133.1	129.4	129.2	45.9	500.2
45°	77.2	77.5	79.1	82.3	82.6	80.3	78.9	31.0	531.2
50°	47.9	47.9	48.9	50.6	51.3	50.6	49.8	20.9	552.0
55°	30.7	31.1	32.3	33.0	33.0	33.4	33.4	14.6	566.6
60°	21.0	22.0	22.4	22.9	22.8	22.8	22.7	10.7	577.3
65°	15.4	15.8	15.9	16.3	16.6	16.4	16.2	8.0	585.3
70°	11.4	11.2	11.9	11.8	11.9	11.8	11.6	6.0	591.3
75°	7.4	7.9	8.3	8.2	7.7	7.9	7.9	4.2	595.5
80°	4.6	4.9	4.7	4.6	4.5	4.7	4.7	2.5	598.0
85°	2.3	2.3	2.2	2.1	2.2	2.2	2.2	1.2	599.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	599.2
95°	15.4	16.0	16.7	15.3	9.6	6.1	3.6	6.7	605.9
100°	37.4	38.4	38.7	33.6	21.9	13.6	9.8	15.3	621.2
105°	60.2	61.4	62.5	52.5	32.7	20.2	16.6	23.6	644.8
110°	83.3	84.4	83.5	67.1	40.7	26.8	23.3	30.6	675.4
115°	102.6	101.5	97.5	75.4	46.1	33.6	30.1	34.8	710.2
120°	113.2	111.9	105.3	78.9	50.6	40.1	36.8	36.5	746.7
125°	117.9	116.3	109.9	80.5	55.4	46.5	43.7	36.6	783.3
130°	123.4	122.0	110.9	80.5	60.5	52.5	50.5	35.9	819.3
135°	128.0	124.6	108.9	80.8	66.7	57.7	56.4	34.3	853.6
140°	127.0	121.5	103.3	82.3	72.7	62.8	62.6	31.6	885.1
145°	118.8	113.3	98.4	85.1	77.4	67.5	67.9	28.0	913.2
150°	109.2	105.1	96.4	89.3	80.1	71.4	73.1	24.4	937.5
155°	103.5	101.5	97.3	90.4	81.6	75.3	76.4	20.7	958.2
160°	100.6	99.2	95.2	89.2	82.8	78.3	79.1	16.7	974.9
165°	94.6	93.8	90.7	86.9	83.6	81.1	80.9	12.4	987.3
170°	88.6	88.2	87.1	85.6	83.8	83.0	82.7	8.1	995.4
175°	84.9	85.3	84.8	84.9	84.7	84.6	84.0	4.1	999.5
180°	84.9	84.9	84.9	84.9	84.9	84.9	84.9	0.5	1000.0

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UGR-Table	Standard room	siteco
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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	13.5	14.4	14.3	15.2	16.2	13.7	14.5	14.5	15.4	16.4
	3H	13.6	14.4	14.5	15.3	16.3	13.9	14.6	14.7	15.5	16.6
	4H	13.7	14.4	14.6	15.3	16.4	14.0	14.7	14.8	15.6	16.7
	6H	13.8	14.5	14.7	15.3	16.5	14.1	14.7	15.0	15.6	16.7
	8H	13.7	14.3	14.7	15.2	16.4	14.0	14.5	14.9	15.4	16.6
	12H	13.8	14.3	14.7	15.2	16.4	14.0	14.5	14.9	15.5	16.6
4H	2H	13.4	14.1	14.3	15.0	16.1	13.5	14.2	14.4	15.1	16.2
	3H	13.7	14.3	14.6	15.2	16.4	13.9	14.5	14.8	15.4	16.5
	4H	13.9	14.5	14.8	15.4	16.5	14.1	14.6	15.0	15.5	16.7
	6H	14.1	14.6	15.0	15.5	16.7	14.3	14.7	15.2	15.6	16.8
	8H	14.1	14.5	15.0	15.4	16.6	14.2	14.6	15.2	15.6	16.8
	12H	14.1	14.5	15.1	15.4	16.6	14.3	14.6	15.2	15.6	16.8
8H	4H	13.9	14.3	14.8	15.2	16.4	14.0	14.4	14.9	15.3	16.5
	6H	14.1	14.4	15.0	15.4	16.6	14.2	14.5	15.1	15.5	16.7
	8H	14.2	14.5	15.2	15.4	16.7	14.3	14.6	15.3	15.6	16.8
	12H	14.3	14.5	15.3	15.5	16.8	14.4	14.7	15.4	15.6	16.9
12H	4H	13.9	14.2	14.8	15.2	16.4	14.0	14.3	14.9	15.3	16.5
	6H	14.1	14.4	15.1	15.4	16.6	14.2	14.5	15.2	15.5	16.7
	8H	14.2	14.5	15.2	15.4	16.7	14.3	14.6	15.3	15.5	16.8

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1140 B = 95
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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°		8087.9	8112.2	8287.0	8615.5	8650.9	8406.2	8260.4	
50°		5517.0	5518.8	5637.2	5823.8	5911.5	5827.3	5734.3	
55°		3962.7	4020.4	4176.3	4261.7	4258.5	4308.7	4306.8	
60°		3103.6	3254.7	3314.6	3396.1	3378.9	3374.8	3359.2	
65°		2698.7	2770.8	2793.6	2853.5	2917.0	2865.6	2840.2	
70°		2477.6	2415.3	2575.3	2545.4	2566.2	2544.7	2515.7	
75°		2119.0	2265.8	2379.7	2335.0	2216.3	2268.1	2249.5	
80°		1956.6	2085.4	1986.0	1956.2	1939.5	2024.4	1997.5	
85°		1922.0	1919.4	1844.6	1823.4	1837.8	1887.1	1882.9	

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Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

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