

Photometric test report

Family
Scriptus®

Order number: 5MZ313D04WA
EAN: 4058352128718

LP number
57363_1

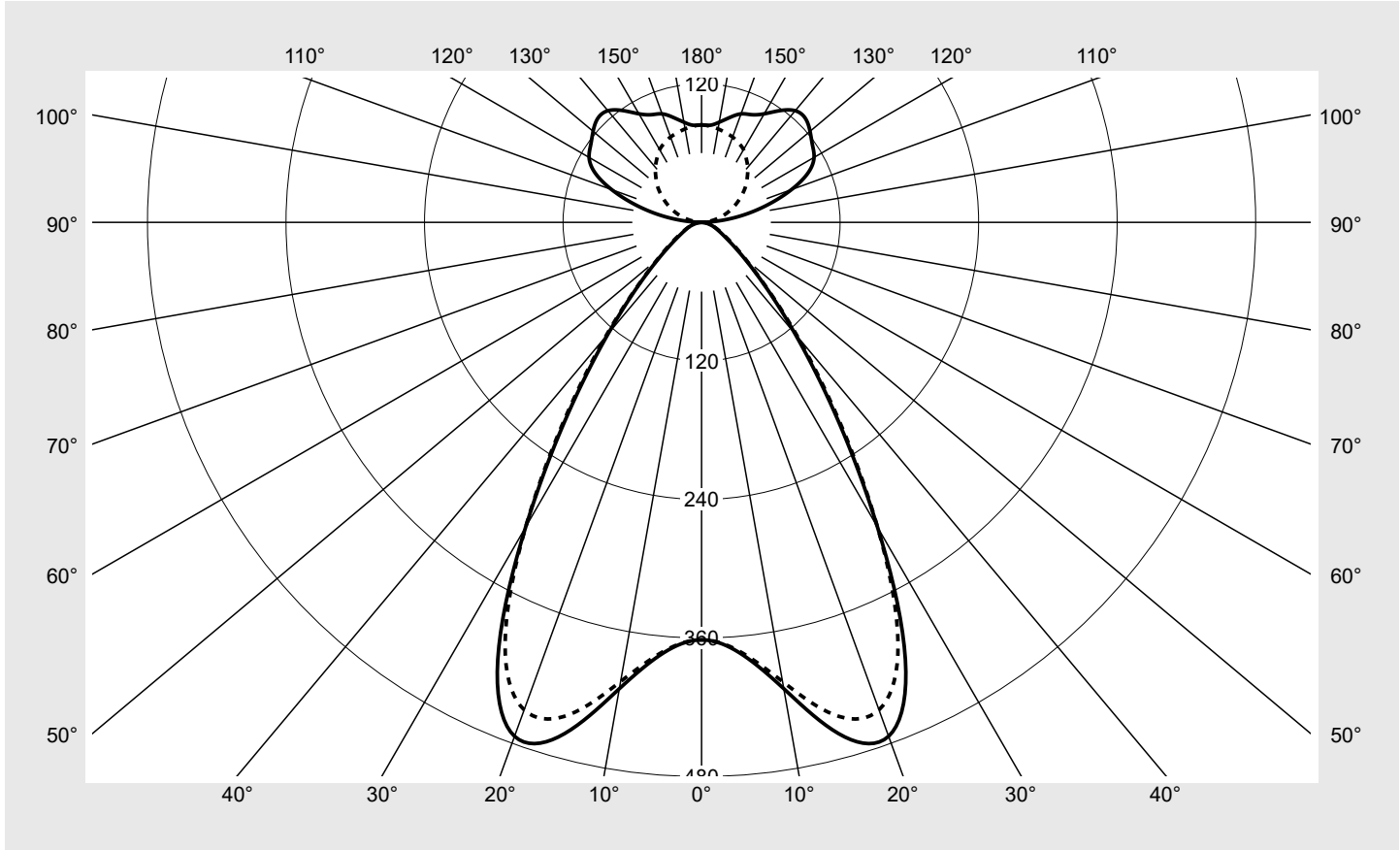


Version symmetrical design, MLA-optic, direct/indirect wide distribution, UGR≤19
Lamps 1 x LED 4000K / CRI ≥ 80 (unbekannt LED 4000K / CRI = 80)
Controlgear ECG-DALI
Setting factory setting: direct and indirect light
Rated values Net luminous flux = 13330 lm
 Power consumption = 99.4 W
 Luminous efficacy = 134.1 lm/W

serial documentation
06.08.2017



Luminous intensity in cd/klm C180-0 C270-90 **Imax: 475 cd/klm**



Classifications

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

Luminaire light output ratios

η_{LB}	100.0%
ϕ_u	60.2%
ϕ_o	39.8%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Scriptus®	Order number: 5MZ313D04WA EAN: 4058352128718	LP number 57363_1
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°	361.6	361.6	361.6	361.6	361.6	361.6	361.6	2.2	2.2
5°	374.1	373.0	372.4	373.5	372.5	372.4	372.8	17.8	20.0
10°	410.1	408.7	407.3	406.7	404.8	403.4	403.8	38.7	58.6
15°	458.4	457.3	454.0	448.5	444.9	441.6	441.2	63.7	122.4
20°	473.7	475.4	472.7	468.5	460.2	451.2	449.3	87.2	209.6
25°	417.8	421.4	423.4	419.9	416.1	403.3	402.7	96.3	305.9
30°	304.8	307.8	313.4	315.5	315.1	305.1	304.9	85.0	390.9
35°	200.6	201.6	209.7	213.7	212.3	204.1	204.7	65.2	456.1
40°	125.9	127.7	131.0	135.2	133.6	130.0	129.7	46.1	502.2
45°	77.5	77.8	79.4	82.6	82.9	80.6	79.2	31.1	533.3
50°	48.1	48.1	49.1	50.8	51.5	50.8	50.0	20.9	554.3
55°	30.8	31.3	32.5	33.1	33.1	33.5	33.5	14.6	568.9
60°	21.0	22.1	22.5	23.0	22.9	22.9	22.8	10.7	579.6
65°	15.5	15.9	16.0	16.4	16.7	16.4	16.3	8.1	587.7
70°	11.5	11.2	11.9	11.8	11.9	11.8	11.7	6.0	593.7
75°	7.4	8.0	8.4	8.2	7.8	8.0	7.9	4.2	597.9
80°	4.6	4.9	4.7	4.6	4.6	4.8	4.7	2.5	600.4
85°	2.3	2.3	2.2	2.2	2.2	2.2	2.2	1.2	601.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	601.7
95°	15.3	15.9	16.6	15.2	9.5	6.1	3.5	6.6	608.3
100°	37.2	38.2	38.5	33.4	21.8	13.5	9.8	15.2	623.5
105°	59.9	61.0	62.2	52.2	32.5	20.1	16.5	23.5	646.9
110°	82.8	83.9	83.0	66.7	40.5	26.7	23.1	30.4	677.3
115°	102.0	100.9	96.9	74.9	45.8	33.4	29.9	34.6	711.9
120°	112.5	111.2	104.6	78.5	50.3	39.9	36.6	36.3	748.2
125°	117.2	115.6	109.3	80.0	55.1	46.2	43.4	36.4	784.6
130°	122.7	121.3	110.3	80.0	60.2	52.2	50.2	35.7	820.3
135°	127.2	123.9	108.3	80.3	66.3	57.4	56.1	34.1	854.4
140°	126.2	120.8	102.6	81.8	72.3	62.5	62.3	31.4	885.8
145°	118.1	112.6	97.8	84.6	76.9	67.1	67.5	27.9	913.7
150°	108.5	104.5	95.8	88.7	79.6	70.9	72.7	24.2	937.9
155°	102.9	100.9	96.8	89.9	81.1	74.8	75.9	20.6	958.5
160°	100.0	98.6	94.6	88.7	82.3	77.8	78.6	16.6	975.1
165°	94.0	93.2	90.2	86.4	83.1	80.6	80.4	12.3	987.4
170°	88.1	87.6	86.6	85.1	83.3	82.5	82.2	8.1	995.5
175°	84.4	84.8	84.3	84.4	84.2	84.1	83.5	4.0	999.5
180°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	0.5	1000.0

Photometric test report

Family Scriptus®	Order number: 5MZ313D04WA EAN: 4058352128718	LP number 57363_1
----------------------------	---	-----------------------------

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	13.5	14.4	14.3	15.2	16.3	13.7	14.6	14.5	15.4	16.4
	3H	13.7	14.4	14.5	15.3	16.4	13.9	14.7	14.7	15.5	16.6
	4H	13.8	14.5	14.6	15.3	16.4	14.0	14.7	14.9	15.6	16.7
	6H	13.8	14.5	14.7	15.4	16.5	14.1	14.8	15.0	15.6	16.7
	8H	13.8	14.3	14.7	15.3	16.4	14.0	14.6	14.9	15.5	16.6
	12H	13.8	14.3	14.7	15.2	16.4	14.0	14.6	15.0	15.5	16.6
4H	2H	13.4	14.2	14.3	15.0	16.1	13.5	14.3	14.4	15.1	16.2
	3H	13.8	14.4	14.7	15.3	16.4	13.9	14.5	14.8	15.4	16.5
	4H	13.9	14.5	14.9	15.4	16.5	14.1	14.6	15.0	15.5	16.7
	6H	14.1	14.6	15.1	15.5	16.7	14.3	14.7	15.2	15.7	16.8
	8H	14.1	14.5	15.0	15.4	16.6	14.2	14.7	15.2	15.6	16.8
	12H	14.2	14.5	15.1	15.4	16.7	14.3	14.7	15.3	15.6	16.8
8H	4H	13.9	14.3	14.8	15.2	16.4	14.0	14.4	15.0	15.4	16.6
	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	15.5	16.7	14.3	14.6	15.3	15.6	16.8
	12H	14.3	14.6	15.3	15.5	16.8	14.4	14.7	15.4	15.7	16.9
12H	4H	13.9	14.2	14.8	15.2	16.4	14.0	14.3	15.0	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	14.3	14.5	15.2	15.5	16.7	14.4	14.6	15.3	15.6	16.8

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1900 B = 95
------------------------	---	--------------------------------------	----------------------------------

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°		8098.1	8122.3	8297.5	8626.3	8661.8	8416.7	8270.7	
50°		5524.0	5525.7	5644.2	5831.2	5918.9	5834.6	5741.6	
55°		3967.7	4025.5	4181.4	4267.0	4263.8	4314.2	4312.2	
60°		3107.5	3258.7	3318.7	3400.4	3383.1	3379.0	3363.4	
65°		2702.1	2774.3	2797.1	2857.1	2920.5	2869.1	2843.8	
70°		2480.8	2418.4	2578.6	2548.6	2569.3	2547.9	2519.0	
75°		2121.5	2268.7	2382.8	2338.0	2219.1	2271.0	2252.4	
80°		1958.9	2088.2	1988.6	1958.9	1941.9	2026.9	2000.1	
85°		1924.3	1921.8	1847.2	1826.0	1839.6	1889.6	1885.3	

Photometric test report

Family Scriptus®	Order number: 5MZ313D04WA EAN: 4058352128718	LP number 57363_1
-----------------------------------	---	------------------------------------

Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

siteco

