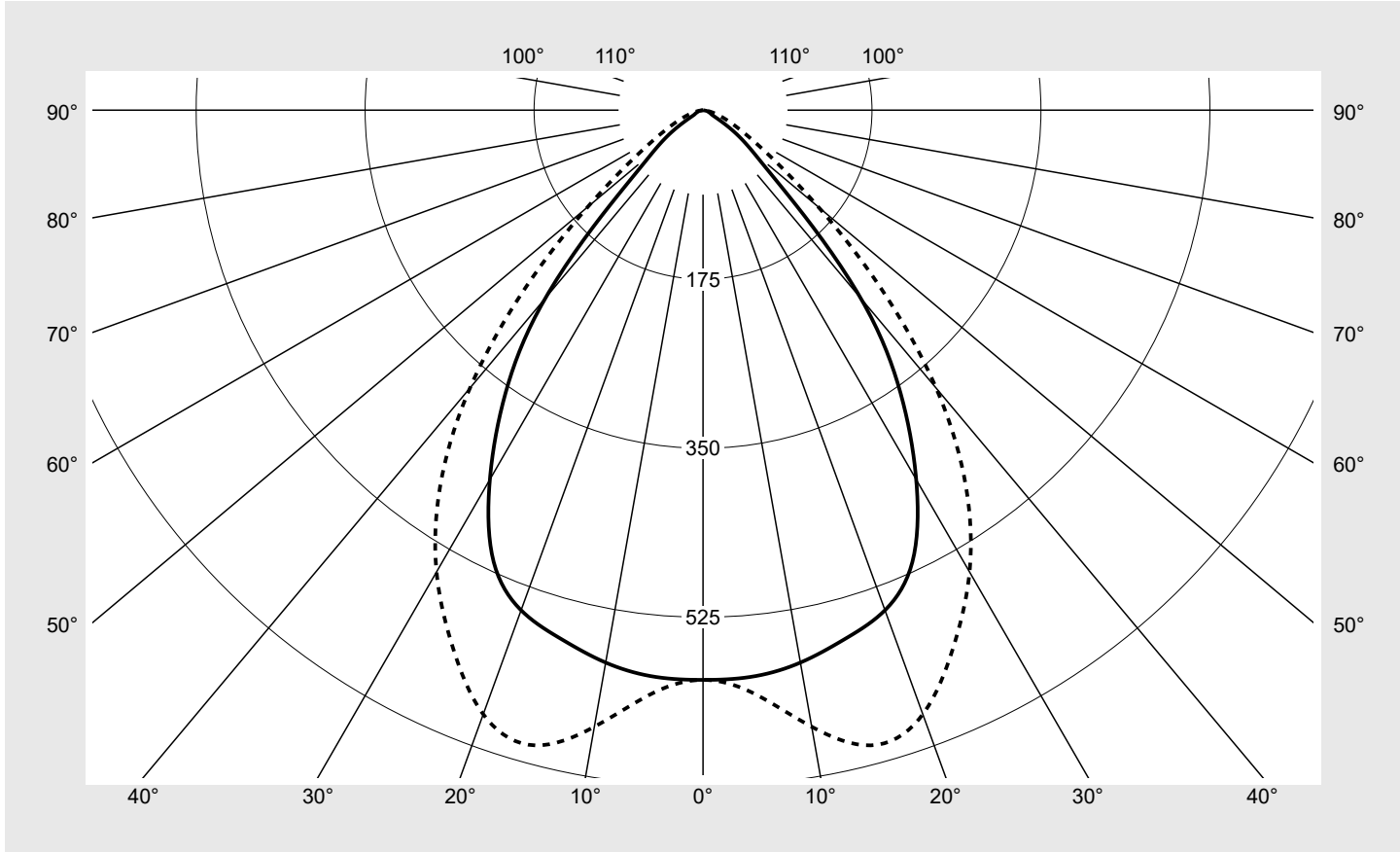


Photometric test report

Family Taris®	Order number: 51MT1LD0JHFEDC02 EAN: 4058352219539	LP number 58112_31
	Version recessed luminaire for lay-in mounting, Combined lens and reflector optics, UGR≤19 (L65≤3000cd/m²)	serial documentation 16.11.2020
	Lamps LED 3000 K CRI ≥ 80	
	Controlgear ECG-DALI	
	Rated values Net luminous flux = 4290 lm Power consumption = 27.4 W Luminous efficacy = 156.6 lm/W	

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 681 cd/klm**



Classifications	
DIN 5040	A 6 0
CIE	N1=79 N2=97 N3=100 N4=100 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	100.0%
ϕ_o	0.0%

Measurement conditions
 DIN EN 13032 and DIN 5032

Photometric test report

Family Taris®	Order number: 51MT1LD0JHFEDC02 EAN: 4058352219539	LP number 58112_31
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°	589.9	589.9	589.9	589.9	589.9	589.9	589.9	3.5	3.5
5°	588.7	589.0	592.1	596.9	601.1	606.4	606.3	28.5	32.1
10°	580.8	584.8	599.2	616.6	632.8	645.8	648.3	58.6	90.7
15°	567.0	574.3	602.6	635.5	662.1	678.0	680.7	89.3	179.9
20°	551.0	554.8	587.3	624.4	654.1	665.4	665.6	115.4	295.4
25°	514.2	525.6	561.3	575.5	595.4	611.3	613.5	132.5	427.9
30°	441.6	477.7	526.4	513.0	520.7	546.4	552.1	140.7	568.6
35°	356.1	390.2	427.9	438.7	434.5	464.3	474.5	134.7	703.4
40°	254.0	278.7	312.5	330.4	326.6	358.4	375.6	112.8	816.2
45°	125.3	144.2	184.1	221.0	208.9	235.0	260.2	76.6	892.8
50°	68.1	75.9	88.8	113.1	112.9	130.9	156.0	44.3	937.2
55°	40.1	49.3	51.7	56.7	60.1	72.8	89.4	26.6	963.8
60°	15.6	16.8	22.5	34.4	35.9	44.2	53.6	14.9	978.7
65°	9.0	9.2	10.4	17.0	24.2	28.8	33.5	9.2	987.8
70°	6.7	6.6	6.6	7.5	14.8	18.9	20.8	5.9	993.7
75°	4.7	4.7	4.6	4.7	6.2	12.0	12.2	3.6	997.3
80°	3.0	3.0	2.9	2.9	3.1	5.5	5.7	1.9	999.2
85°	1.5	1.4	1.4	1.4	1.4	1.5	1.4	0.8	1000.0
90°	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 Taris®	Order number: 51MT1LD0JHFEDC02 EAN: 4058352219539	LP number 58112_31
-------------------------	--	------------------------------

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	16.0	17.3	16.3	17.6	18.0	17.9	19.2	18.2	19.5	19.8
	3H	15.9	17.1	16.3	17.4	17.8	18.0	19.2	18.4	19.5	19.9
	4H	15.8	16.9	16.2	17.3	17.7	18.1	19.1	18.5	19.5	19.9
	6H	15.8	16.8	16.2	17.2	17.6	18.1	19.0	18.5	19.4	19.8
	8H	15.8	16.7	16.3	17.1	17.5	18.1	19.0	18.6	19.4	19.8
	12H	15.8	16.7	16.2	17.0	17.5	18.1	18.9	18.5	19.3	19.7
4H	2H	15.9	17.0	16.3	17.4	17.8	17.7	18.9	18.1	19.2	19.6
	3H	15.9	16.8	16.3	17.1	17.6	17.9	18.8	18.3	19.2	19.6
	4H	15.8	16.6	16.3	17.0	17.5	18.0	18.8	18.4	19.2	19.6
	6H	15.8	16.5	16.2	16.9	17.4	18.0	18.7	18.5	19.1	19.6
	8H	15.8	16.4	16.2	16.8	17.3	18.0	18.6	18.5	19.1	19.6
	12H	15.8	16.3	16.2	16.8	17.2	18.0	18.5	18.5	19.0	19.5
8H	4H	15.7	16.4	16.2	16.8	17.3	17.9	18.5	18.4	19.0	19.4
	6H	15.7	16.2	16.2	16.7	17.2	17.9	18.4	18.4	18.9	19.4
	8H	15.7	16.1	16.2	16.6	17.1	17.9	18.3	18.4	18.8	19.3
	12H	15.7	16.0	16.2	16.5	17.1	17.9	18.2	18.4	18.7	19.3
12H	4H	15.7	16.3	16.2	16.7	17.2	17.9	18.4	18.4	18.9	19.4
	6H	15.7	16.1	16.2	16.6	17.1	17.9	18.3	18.4	18.8	19.3
	8H	15.7	16.0	16.2	16.5	17.1	17.9	18.2	18.4	18.7	19.3

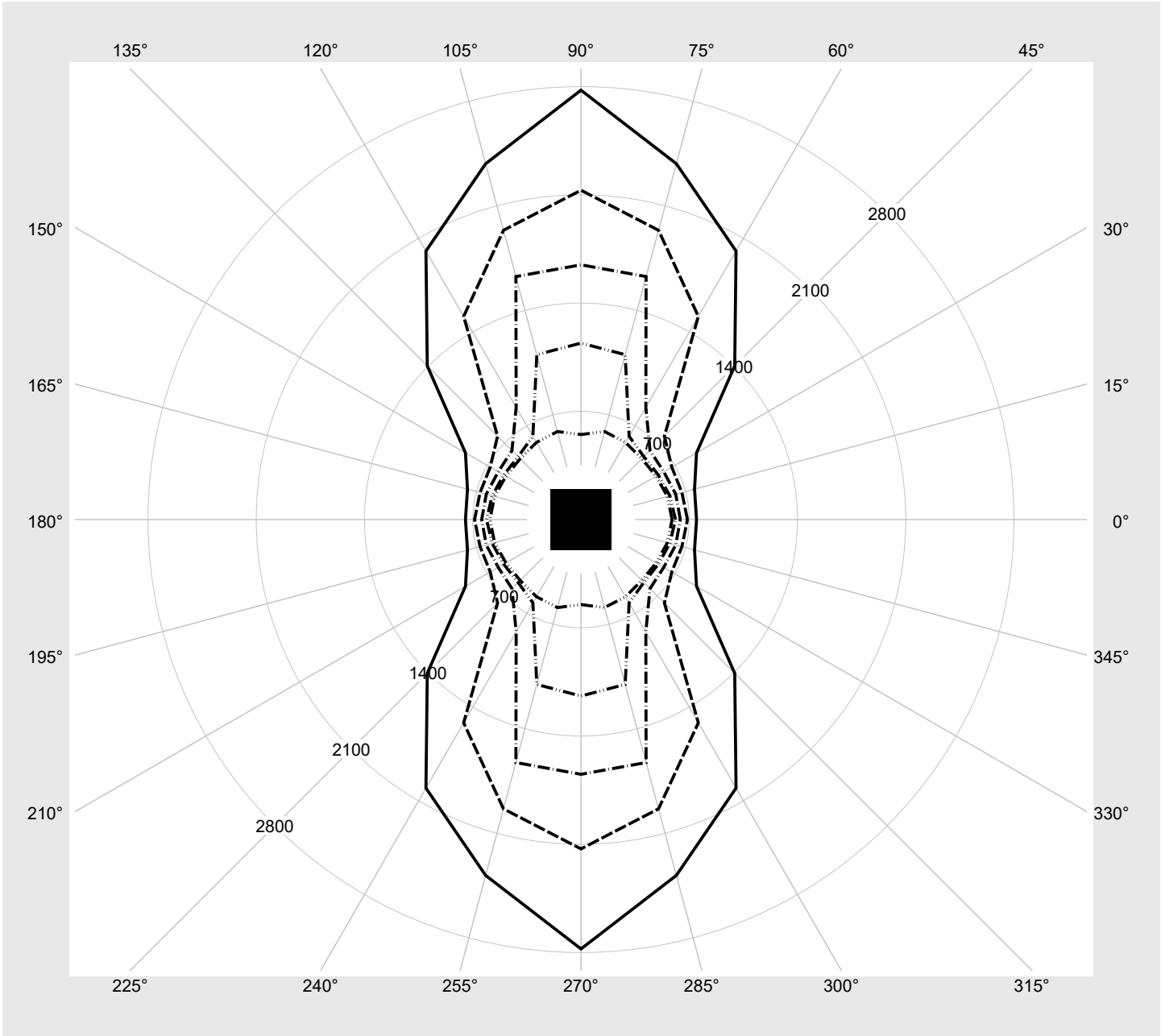
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 368 B = 333
------------------------	---	--------------------------------------	----------------------------------

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°		6202.5	7138.0	9115.5	10941.8	10344.7	11635.8	12883.9	
50°		3708.1	4134.1	4836.3	6159.5	6149.7	7126.7	8495.6	
55°		2446.5	3010.5	3156.1	3461.1	3669.1	4441.6	5454.7	
60°		1089.4	1179.2	1576.7	2407.8	2514.8	3093.7	3754.4	
65°		747.1	760.1	862.7	1405.9	2005.4	2382.5	2776.7	
70°		688.4	675.7	677.9	763.0	1517.5	1936.9	2129.8	
75°		642.2	634.2	618.0	631.3	838.5	1626.9	1647.5	
80°		611.3	594.7	577.2	575.0	622.1	1104.0	1141.3	
85°		589.2	578.4	560.7	556.3	576.0	589.2	549.9	

Photometric test report

Family Taris®	Order number: 51MT1LD0JHFEDC02 EAN: 4058352219539	LP number 58112_31
-------------------------	--	------------------------------

Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



Photometric test report

Family Taris®	Order number: 51MT1LD0JHFEDC02 EAN: 4058352219539	LP number 58112_31
-------------------------	--	------------------------------

Dimming levels table	environmental temperature: 25°C	sITeco
-----------------------------	---------------------------------	---------------

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	4290	27.4
95	240	252	4068	25.9
90	227	250	3859	24.6
85	214	248	3649	23.2
80	201	245	3437	21.8
75	187	243	3209	20.3
70	175	240	3011	19.1
65	162	238	2796	17.7
60	149	234	2578	16.4
55	136	231	2361	15.1
50	123	227	2142	13.7
45	111	224	1938	12.5
40	98	219	1716	11.2
35	86	214	1510	10.0
30	73	208	1287	8.7
25	61	202	1078	7.5
20	48	193	851	6.3
15	36	182	639	5.1
10	24	168	429	3.9
5	12	142	216	2.9
2	5	110	91	2.1