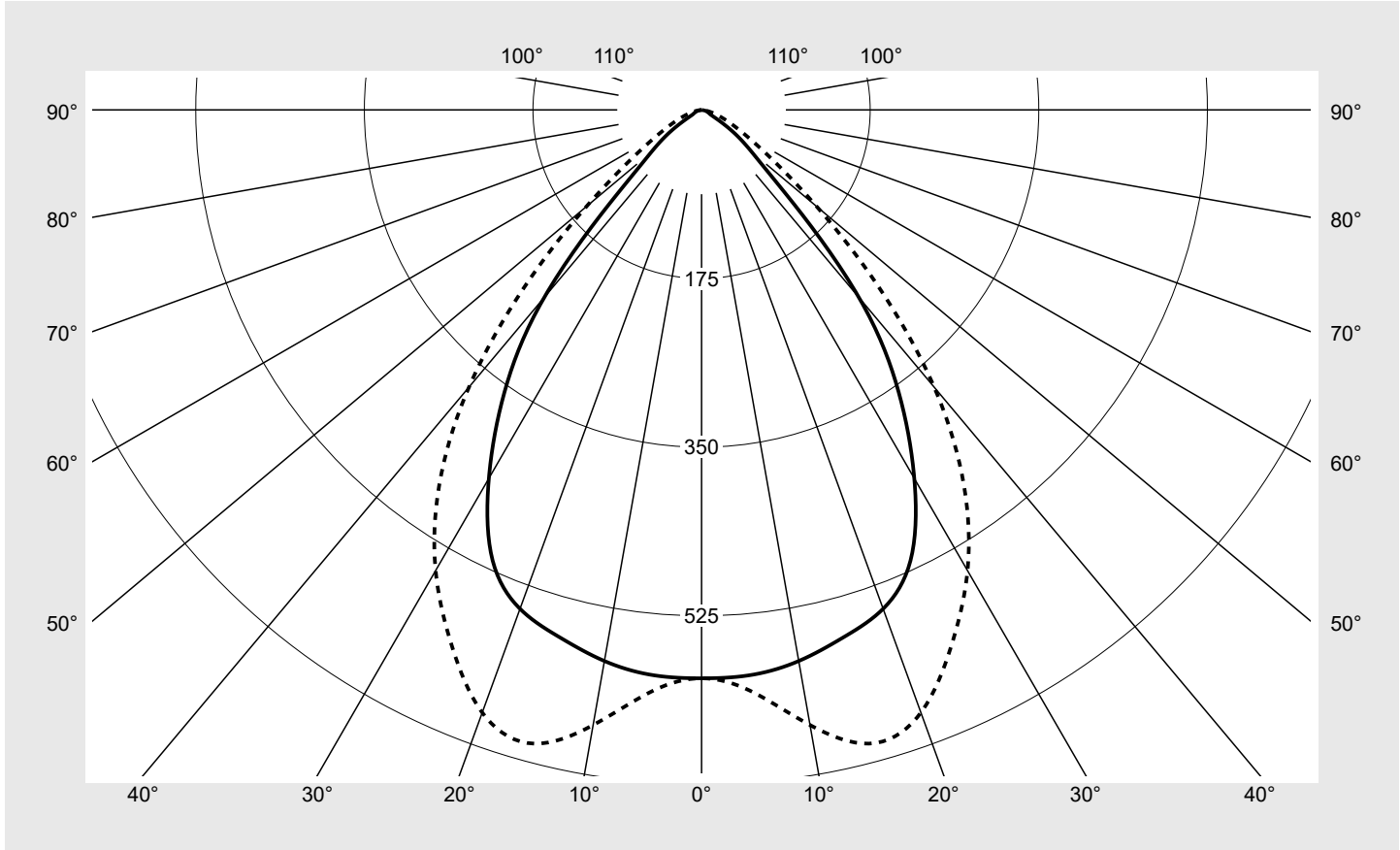


Photometric test report

Family Taris®	Order number: 51MT1LD0JHGEDC02 EAN: 4058352218983	LP number 58112_32
	Version recessed luminaire for lay-in mounting, Combined lens and reflector optics, UGR≤19 (L65≤3000cd/m²)	serial documentation 16.11.2020
	Lamps LED 4000 K CRI ≥ 80	
	Controlgear ECG-DALI	
	Rated values Net luminous flux = 4620 lm Power consumption = 27.4 W Luminous efficacy = 168.6 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: 51MT1LD0JHGEDC02 EAN: 4058352218983	LP number 58112_32
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: 51MT1LD0JHGEDC02 EAN: 4058352218983	LP number 58112_32
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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	16.2	17.6	16.6	17.9	18.2	18.1	19.5	18.5	19.8	20.1
	3H	16.1	17.3	16.5	17.7	18.0	18.3	19.5	18.7	19.8	20.1
	4H	16.1	17.2	16.5	17.6	17.9	18.3	19.4	18.7	19.8	20.1
	6H	16.0	17.1	16.5	17.4	17.8	18.3	19.3	18.7	19.7	20.1
	8H	16.1	17.0	16.5	17.4	17.8	18.4	19.2	18.8	19.6	20.0
	12H	16.1	16.9	16.5	17.3	17.7	18.4	19.2	18.8	19.5	20.0
4H	2H	16.2	17.3	16.6	17.6	18.0	18.0	19.1	18.4	19.5	19.8
	3H	16.1	17.0	16.5	17.4	17.8	18.2	19.1	18.6	19.5	19.9
	4H	16.1	16.9	16.5	17.3	17.7	18.2	19.0	18.7	19.5	19.9
	6H	16.0	16.7	16.5	17.2	17.6	18.3	19.0	18.7	19.4	19.9
	8H	16.0	16.6	16.5	17.1	17.6	18.3	18.9	18.7	19.3	19.8
	12H	16.0	16.5	16.5	17.0	17.5	18.3	18.8	18.8	19.2	19.7
8H	4H	16.0	16.6	16.5	17.1	17.5	18.1	18.8	18.6	19.2	19.7
	6H	16.0	16.5	16.5	16.9	17.5	18.2	18.7	18.7	19.1	19.7
	8H	15.9	16.4	16.4	16.9	17.4	18.1	18.6	18.7	19.1	19.6
	12H	15.9	16.3	16.5	16.8	17.3	18.1	18.5	18.7	19.0	19.5
12H	4H	16.0	16.5	16.5	17.0	17.5	18.1	18.7	18.6	19.1	19.6
	6H	16.0	16.4	16.5	16.9	17.4	18.1	18.6	18.6	19.0	19.6
	8H	15.9	16.3	16.4	16.8	17.3	18.1	18.5	18.6	19.0	19.5

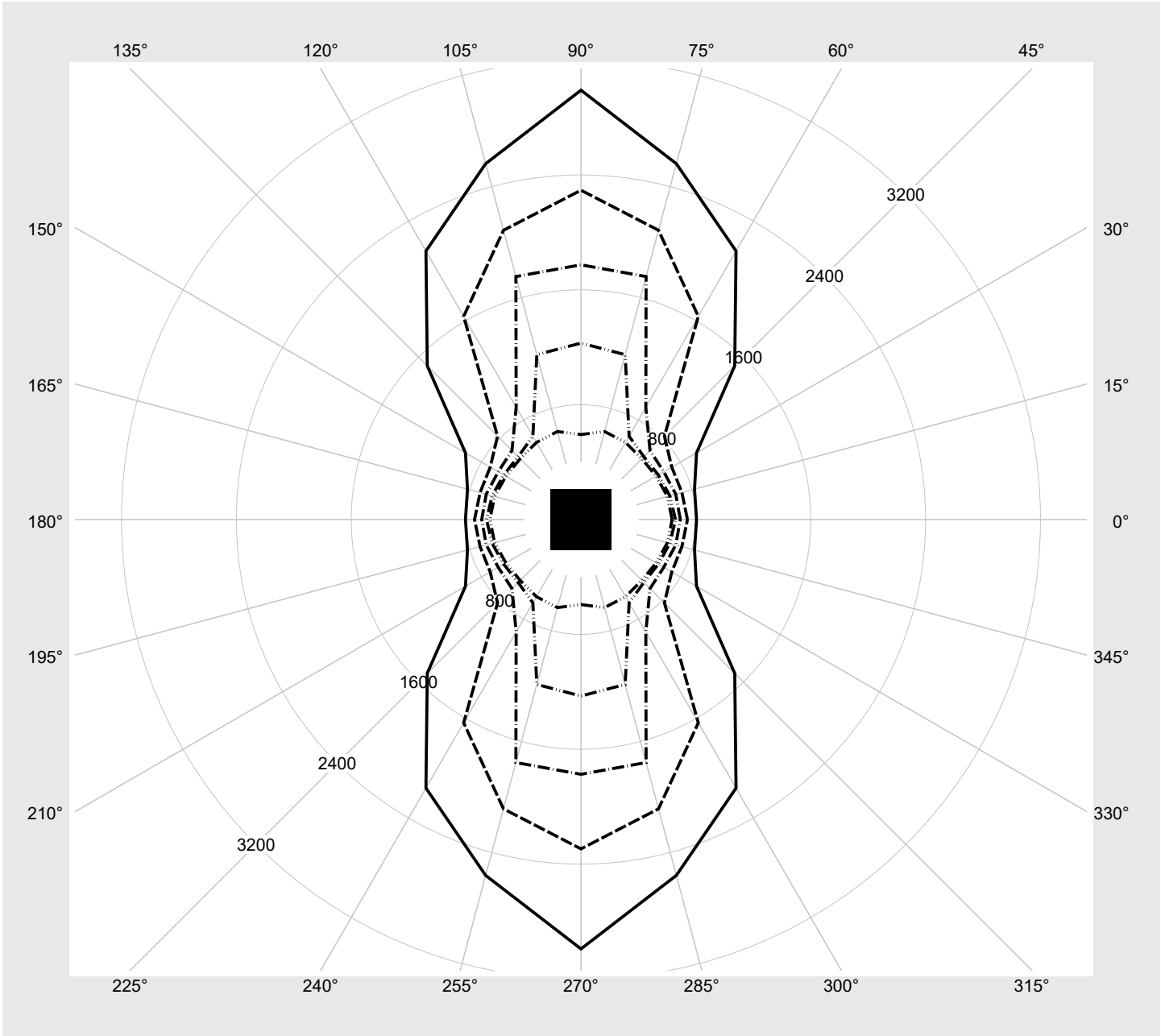
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 368 B = 333
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C-planes	γ	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
			Luminance in cd/m²					
45°		6679.6	7687.1	9816.7	11783.5	11140.5	12530.9	13874.9
50°		3993.3	4452.2	5208.3	6633.3	6622.8	7675.0	9149.1
55°		2634.7	3242.1	3398.9	3727.4	3951.3	4783.3	5874.3
60°		1173.2	1269.9	1698.0	2593.1	2708.2	3331.7	4043.2
65°		804.6	818.6	929.1	1514.0	2159.6	2565.8	2990.3
70°		741.4	727.6	730.1	821.7	1634.3	2085.9	2293.7
75°		691.6	683.0	665.5	679.8	903.0	1752.1	1774.2
80°		658.3	640.5	621.6	619.2	670.0	1188.9	1229.1
85°		634.6	622.9	603.9	599.1	620.3	634.6	592.2

Photometric test report

Family Taris®	Order number: 51MT1LD0JHGEDC02 EAN: 4058352218983	LP number 58112_32
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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



Photometric test report

Family Taris®	Order number: 51MT1LD0JHGEDC02 EAN: 4058352218983	LP number 58112_32
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Dimming levels table	environmental temperature: 25°C	sITeco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	4620	27.4
95	241	252	4398	26.0
90	227	250	4154	24.6
85	214	248	3927	23.1
80	201	245	3699	21.8
75	188	243	3471	20.4
70	175	240	3239	19.1
65	162	238	3007	17.7
60	149	234	2774	16.4
55	136	231	2539	15.1
50	123	227	2304	13.7
45	111	224	2084	12.5
40	98	219	1845	11.2
35	86	214	1623	10.0
30	73	208	1383	8.7
25	61	202	1158	7.5
20	49	194	933	6.3
15	36	182	687	5.1
10	24	168	461	3.9
5	12	142	231	2.9
2	5	110	97	2.1