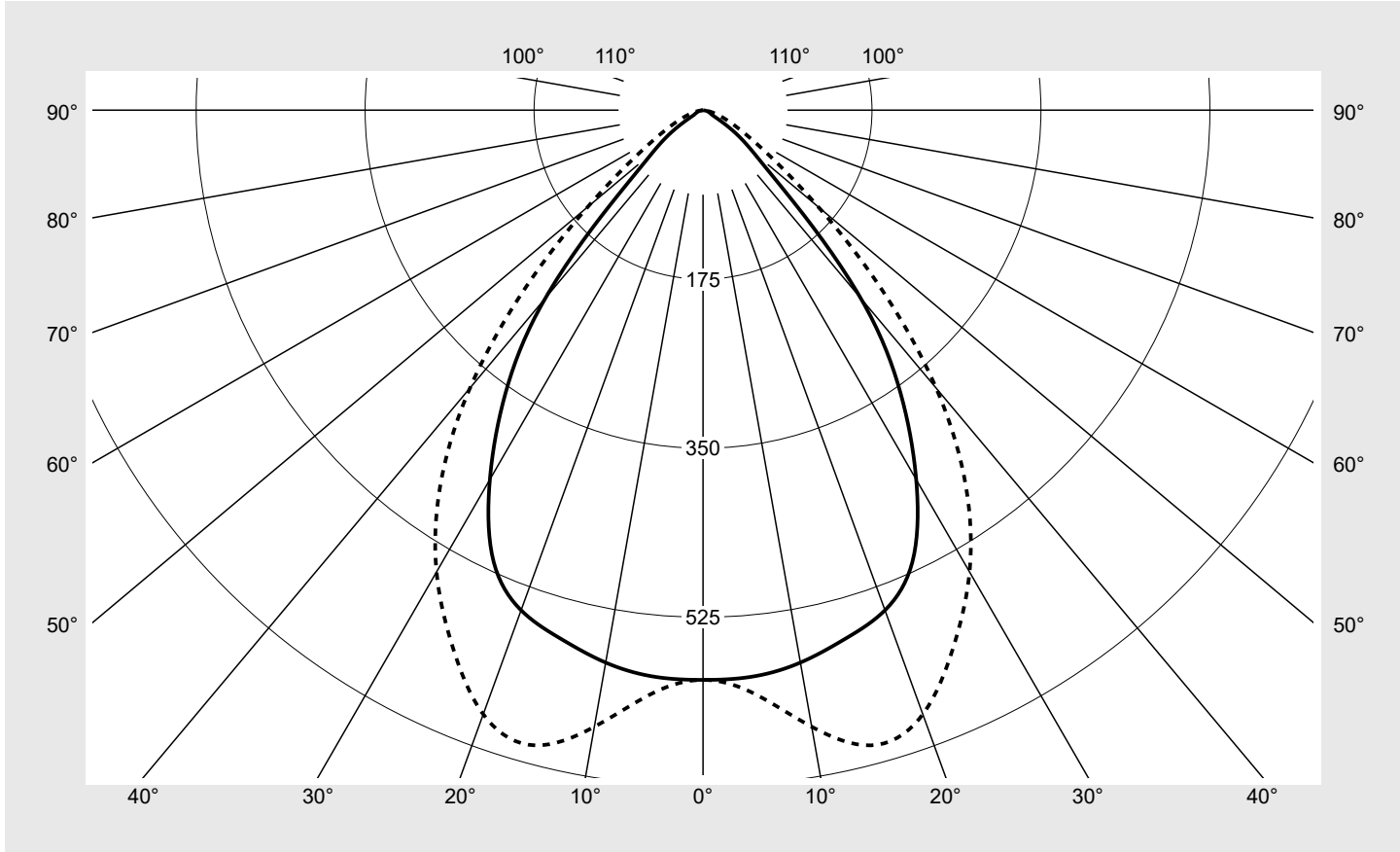


# Photometric test report

<b>Family</b> <b>Taris®</b>	<b>Order number: 51MT1LD0JHGDDC02</b> <b>EAN: 4058352218969</b>	<b>LP number</b> <b>58112_25</b>
	<b>Version</b> recessed luminaire for lay-in mounting, Combined lens and reflector optics, UGR≤19 (L65≤3000cd/m²)	<b>serial</b> <b>documentation</b> <b>16.11.2020</b>
	<b>Lamps</b> LED 4000 K   CRI ≥ 80	
	<b>Controlgear</b> ECG-DALI	
	<b>Rated values</b> 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	
$\eta_{LB}$	100.0%
$\phi_u$	100.0%
$\phi_o$	0.0%

**Measurement conditions**  
 DIN EN 13032 and DIN 5032

## Photometric test report

Family <b>Taris®</b>	Order number: <b>51MT1LD0JHGDDC02</b> EAN: <b>4058352218969</b>	LP number <b>58112_25</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>sITeco</b>

C-planes $\gamma$	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: 51MT1LD0JHGDDC02 EAN: 4058352218969	LP number 58112_25
------------------	--	-----------------------

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	16.2	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

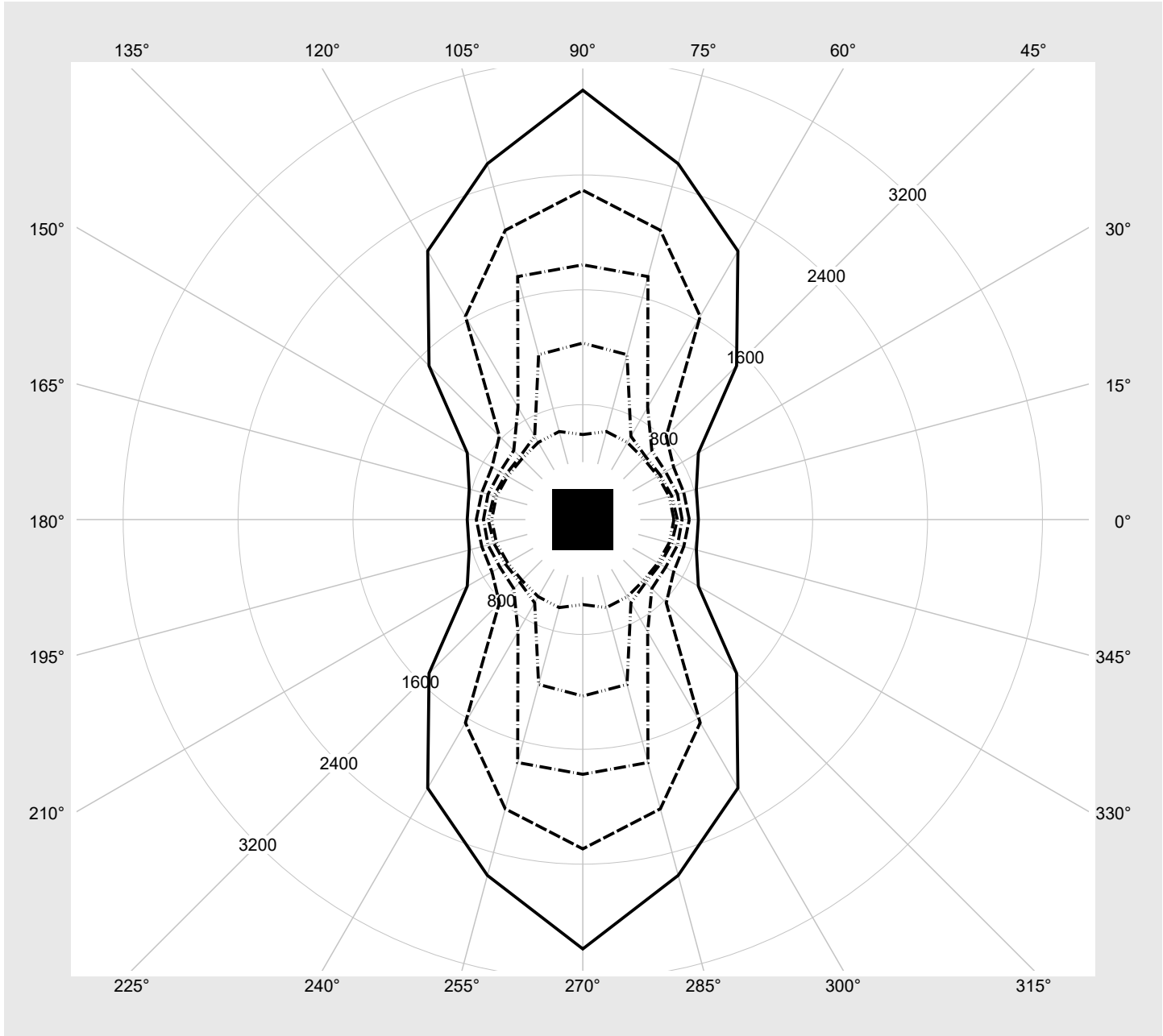
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 368 B = 333
-----------------	---------------------------------	-------------------------------	--------------------

C-planes	$\gamma$	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 <b>Taris®</b>	Order number: <b>51MT1LD0JHGDDC02</b> EAN: <b>4058352218969</b>	LP number <b>58112_25</b>
-------------------------	--	------------------------------

Luminance values in cd/m<sup>2</sup>     γ 65°   γ 70°   γ 75°   γ 80°   γ 85°     **siteco**



## Photometric test report

Family <b>Taris®</b>	Order number: <b>51MT1LD0JHGDDC02</b> EAN: <b>4058352218969</b>	LP number <b>58112_25</b>
-------------------------	--	------------------------------

<b>Dimming levels table</b>	environmental temperature: 25°C	<b>sITeco</b>
-----------------------------	---------------------------------	---------------

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