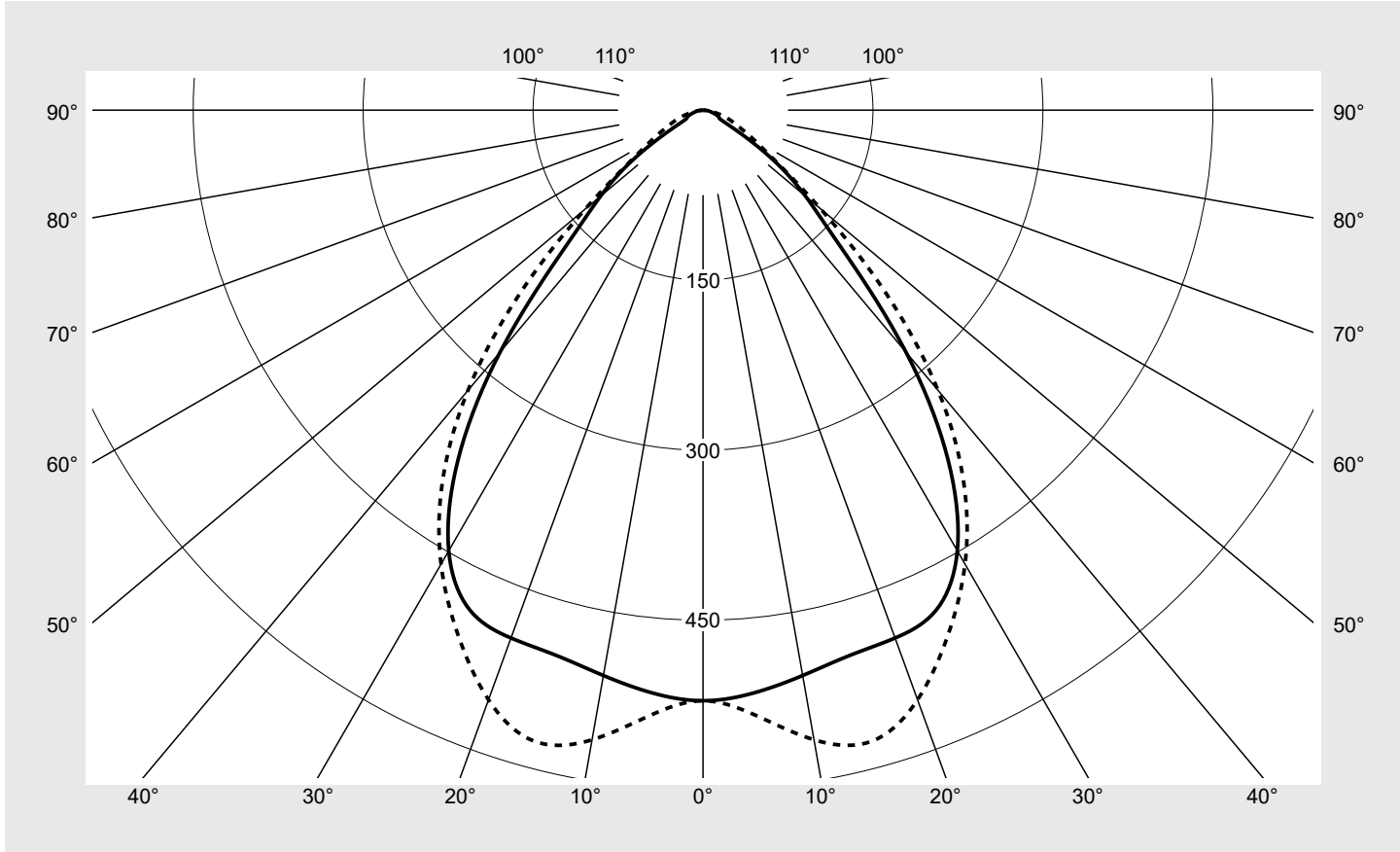


# Photometric test report

<b>Family</b> <b>Taris®</b>	<b>Order number: 5MT116D03WD</b> <b>EAN: 4058352219058</b>	<b>LP number</b> <b>58214_27</b>
	<b>Version</b> recessed luminaire, Combined lens and reflector optics, direct distribution, UGR≤19 (L65≤3000cd/m²) <b>Lamps</b> LED 3000 K   CRI ≥ 80 <b>Controlgear</b> ECG-DALI <b>Rated values</b> Net luminous flux = 4560 lm Power consumption = 28.9 W Luminous efficacy = 157.8 lm/W	<b>serial documentation</b> <b>16.11.2020</b>



**Luminous intensity in cd/klm**    C180-0    C270-90    **Imax: 576 cd/klm**



Classifications	
DIN 5040	A 6 0
CIE	N1=73 N2=96 N3=99 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>5MT116D03WD</b> EAN: <b>4058352219058</b>	LP number <b>58214_27</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°	521.1	521.1	521.1	521.1	521.1	521.1	521.1	3.1	3.1
5°	516.1	520.3	519.9	524.0	528.9	533.3	536.1	25.1	28.2
10°	506.5	516.0	523.6	537.2	550.0	559.8	564.1	51.1	79.3
15°	498.3	513.9	530.8	551.3	564.9	572.7	576.4	77.3	156.7
20°	495.6	516.6	537.6	551.8	554.0	552.4	553.6	101.1	257.8
25°	486.8	512.0	535.3	531.0	517.4	511.0	511.3	119.9	377.7
30°	448.9	484.2	508.6	492.7	472.5	463.1	462.5	131.4	509.1
35°	377.3	415.7	446.9	441.4	421.7	403.5	401.2	132.0	641.1
40°	278.6	308.7	347.0	370.7	352.4	328.2	322.8	117.9	759.0
45°	174.5	195.1	230.9	272.3	262.2	235.2	228.3	90.3	849.2
50°	118.1	127.7	135.1	168.4	160.6	139.4	135.4	60.0	909.3
55°	72.5	79.8	88.9	92.6	82.0	78.0	77.7	37.1	946.4
60°	25.2	27.4	41.0	57.6	48.9	51.3	51.3	20.9	967.3
65°	15.6	15.5	17.0	29.2	33.4	34.9	35.1	12.9	980.2
70°	12.9	12.7	12.0	12.3	22.4	24.9	25.4	8.9	989.1
75°	8.8	8.7	8.3	8.9	9.8	17.1	16.4	5.8	994.9
80°	6.0	5.8	5.4	5.2	5.9	9.3	8.9	3.5	998.4
85°	3.3	3.2	3.0	2.7	2.7	3.1	3.0	1.6	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
175°	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 <b>Taris®</b>	Order number: <b>5MT116D03WD</b> EAN: <b>4058352219058</b>	LP number <b>58214_27</b>
-------------------------	---	------------------------------

<b>UGR-Table</b>	<b>Standard room</b>	<b>siteco</b>
------------------	----------------------	---------------

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	17.4	18.8	17.7	19.1	19.4	18.0	19.4	18.3	19.7	20.0
	3H	17.4	18.6	17.7	19.0	19.3	18.2	19.5	18.6	19.8	20.2
	4H	17.4	18.5	17.8	18.9	19.2	18.3	19.5	18.7	19.8	20.2
	6H	17.4	18.4	17.8	18.8	19.2	18.4	19.5	18.8	19.8	20.2
	8H	17.4	18.4	17.8	18.8	19.2	18.5	19.4	18.9	19.8	20.2
	12H	17.4	18.3	17.8	18.7	19.1	18.5	19.4	18.9	19.7	20.2
4H	2H	17.5	18.6	17.8	19.0	19.3	18.0	19.2	18.4	19.5	19.9
	3H	17.4	18.4	17.9	18.8	19.2	18.3	19.3	18.7	19.7	20.1
	4H	17.5	18.3	17.9	18.7	19.2	18.5	19.3	18.9	19.7	20.2
	6H	17.5	18.2	17.9	18.6	19.1	18.6	19.3	19.1	19.8	20.2
	8H	17.5	18.2	18.0	18.6	19.1	18.6	19.3	19.1	19.7	20.2
	12H	17.5	18.1	18.0	18.6	19.1	18.7	19.2	19.2	19.7	20.2
8H	4H	17.4	18.1	17.9	18.5	19.0	18.4	19.1	18.9	19.5	20.0
	6H	17.5	18.0	18.0	18.5	19.0	18.5	19.1	19.0	19.6	20.1
	8H	17.5	18.0	18.0	18.4	19.0	18.6	19.1	19.1	19.6	20.1
	12H	17.5	17.9	18.1	18.4	19.0	18.6	19.0	19.2	19.5	20.1
12H	4H	17.4	18.0	17.9	18.4	18.9	18.4	19.0	18.9	19.4	19.9
	6H	17.5	17.9	18.0	18.4	18.9	18.5	19.0	19.0	19.5	20.0
	8H	17.5	17.9	18.0	18.4	18.9	18.6	19.0	19.1	19.5	20.0

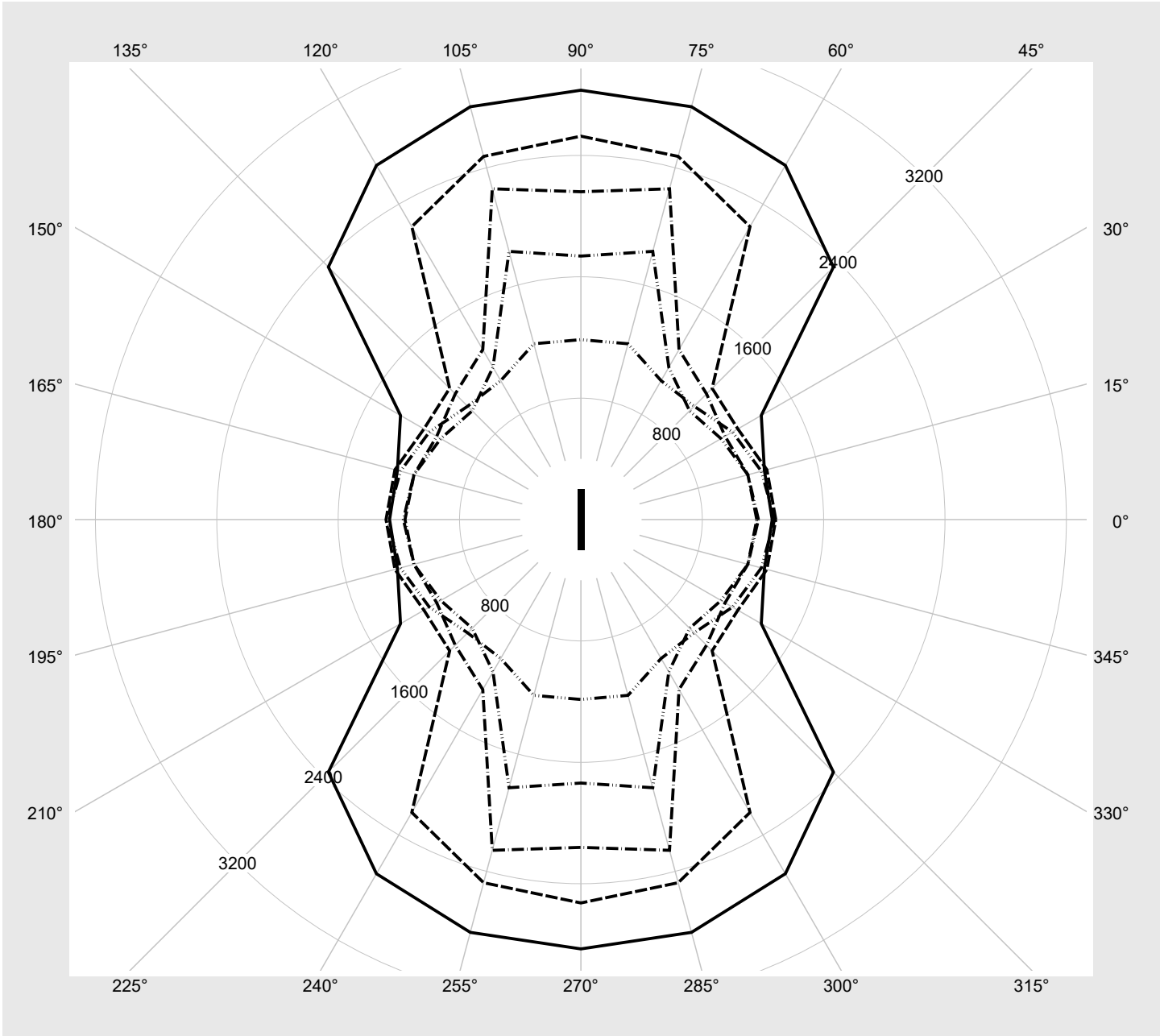
<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	<b>Photometric dimensions in mm:</b>	<b>L = 1206</b> <b>B = 111</b>
------------------------	---	--------------------------------------	-----------------------------------

C-planes	$\gamma$	Luminance in cd/m <sup>2</sup>							
		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°		8408.3	9399.4	11121.5	13118.5	12633.3	11329.7	10998.6	
50°		6257.6	6766.3	7161.9	8922.1	8509.7	7389.6	7174.3	
55°		4303.4	4740.0	5279.4	5498.9	4871.8	4630.5	4612.5	
60°		1718.6	1867.0	2796.4	3921.0	3333.2	3494.6	3497.9	
65°		1261.2	1252.2	1373.1	2354.1	2695.6	2816.8	2829.9	
70°		1284.6	1269.2	1194.7	1223.5	2229.2	2478.0	2527.0	
75°		1159.5	1139.4	1097.4	1171.4	1293.6	2256.9	2160.7	
80°		1170.1	1139.5	1066.8	1013.2	1159.0	1829.8	1736.7	
85°		1276.9	1231.5	1153.8	1056.0	1057.2	1199.5	1185.8	

**Photometric test report**

Family <b>Taris®</b>	Order number: <b>5MT116D03WD</b> EAN: <b>4058352219058</b>	LP number <b>58214_27</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>5MT116D03WD</b> EAN: <b>4058352219058</b>	LP number <b>58214_27</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	4560	28.9
95	241	252	4336	27.5
90	228	250	4111	26.0
85	214	248	3868	24.5
80	201	245	3642	23.0
75	188	243	3414	21.6
70	175	240	3185	20.2
65	163	238	2972	18.9
60	150	235	2741	17.5
55	137	231	2509	16.1
50	124	228	2277	14.8
45	112	224	2061	13.5
40	99	219	1826	12.1
35	86	214	1587	10.7
30	74	209	1369	9.4
25	61	202	1131	8.1
20	49	194	911	6.8
15	37	183	689	5.6
10	24	168	449	4.3
5	12	142	225	3.2
2	6	117	113	2.5