

## Photometric test report

Family  
Taris®

Order number: 5MT217D04WD  
EAN: 4058352219232

LP number  
59089\_4



**Version** surface-mounted luminaire, Combined lens and reflector optics, direct distribution, UGR≤19 (L65≤3000cd/m<sup>2</sup>)

**Lamps** LED 4000 K | CRI ≥ 80

**Controlgear** ECG-DALI

**Rated values** Net luminous flux = 6140 lm  
Power consumption = 36.0 W  
Luminous efficacy = 170.6 lm/W

serial  
documentation  
16.11.2020

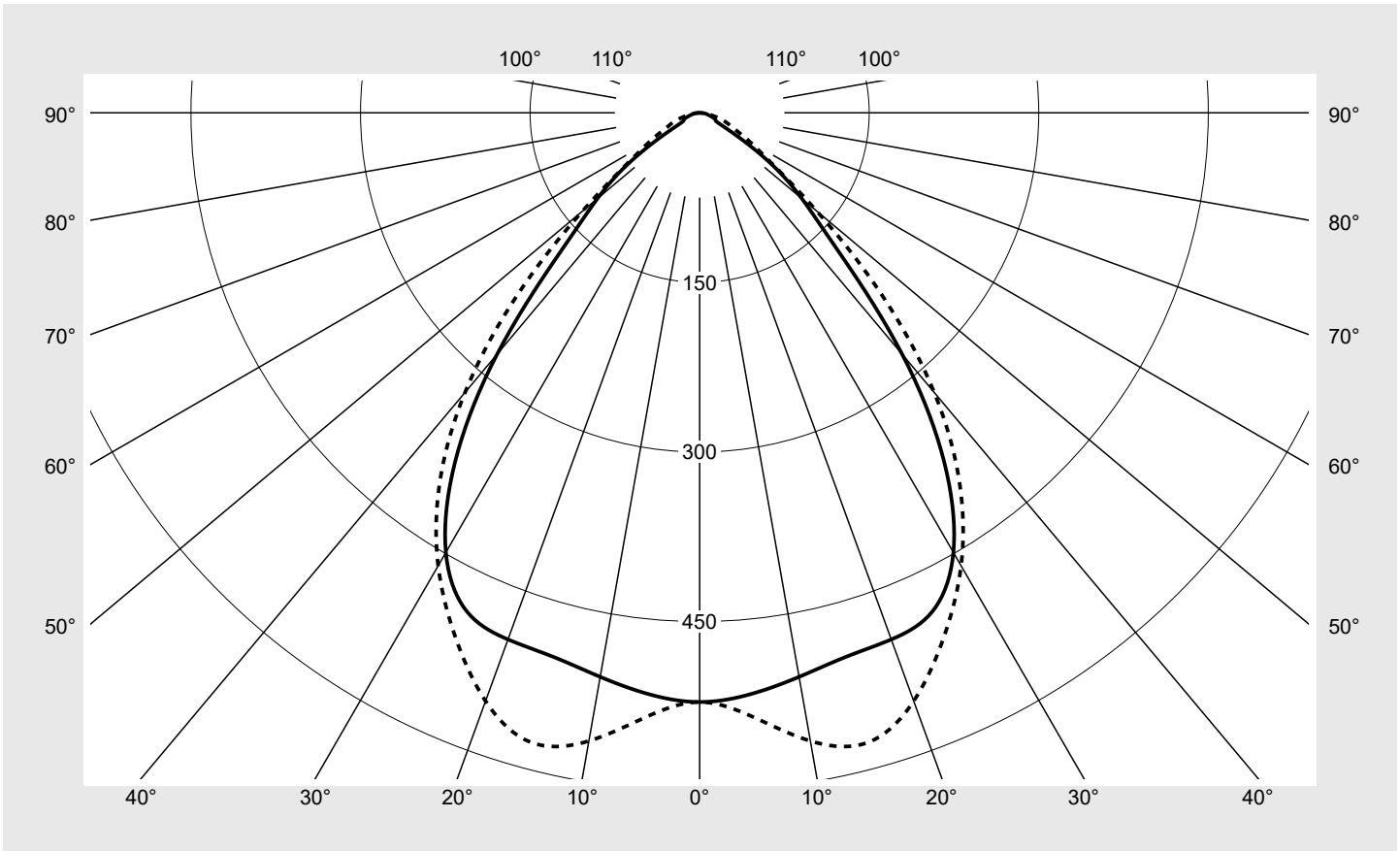
siteco

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

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Table of values for luminous intensities		Maximum luminous intensity
		<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°	521.2	521.2	521.2	521.2	521.2	521.2	521.2	3.1	3.1
5°	516.2	520.4	520.0	524.1	529.0	533.4	536.2	25.1	28.2
10°	506.6	516.1	523.7	537.3	550.1	559.9	564.2	51.1	79.3
15°	498.4	514.0	530.9	551.4	565.0	572.8	576.5	77.4	156.7
20°	495.7	516.7	537.7	551.9	554.1	552.5	553.7	101.2	257.9
25°	486.9	512.1	535.4	531.1	517.5	511.1	511.5	119.9	377.8
30°	449.0	484.3	508.7	492.8	472.6	463.2	462.6	131.4	509.2
35°	377.3	415.8	446.9	441.5	421.8	403.6	401.3	132.0	641.2
40°	278.7	308.7	347.1	370.8	352.4	328.2	322.9	117.9	759.1
45°	174.6	195.2	230.9	272.4	262.3	235.2	228.4	90.3	849.4
50°	118.1	127.7	135.2	168.4	160.6	139.5	135.4	60.1	909.5
55°	72.5	79.8	88.9	92.6	82.0	78.0	77.7	37.2	946.6
60°	25.2	27.4	41.1	57.6	48.9	51.3	51.4	20.9	967.5
65°	15.7	15.5	17.0	29.2	32.4	33.9	34.1	12.7	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	17.2	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

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<b>UGR-Table</b>	<b>Standard room</b>	<b>siteco</b>
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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	17.7	19.1	18.1	19.4	19.7	18.3	19.7	18.6	20.0	20.3
	3H	17.7	18.9	18.1	19.3	19.6	18.5	19.8	18.9	20.1	20.5
	4H	17.7	18.8	18.1	19.2	19.6	18.6	19.8	19.0	20.1	20.5
	6H	17.7	18.7	18.1	19.1	19.5	18.7	19.8	19.1	20.1	20.5
	8H	17.7	18.7	18.1	19.1	19.5	18.8	19.7	19.2	20.1	20.5
	12H	17.7	18.6	18.2	19.0	19.4	18.8	19.6	19.2	20.0	20.5
4H	2H	17.8	18.9	18.2	19.3	19.6	18.3	19.5	18.7	19.8	20.2
	3H	17.8	18.7	18.2	19.1	19.5	18.6	19.6	19.0	20.0	20.4
	4H	17.8	18.6	18.2	19.0	19.5	18.8	19.6	19.2	20.0	20.5
	6H	17.8	18.5	18.2	19.0	19.4	18.9	19.6	19.4	20.1	20.5
	8H	17.8	18.5	18.3	18.9	19.4	18.9	19.6	19.4	20.0	20.5
	12H	17.8	18.4	18.3	18.9	19.4	19.0	19.5	19.5	20.0	20.5
8H	4H	17.7	18.4	18.2	18.8	19.3	18.7	19.4	19.2	19.8	20.3
	6H	17.8	18.3	18.3	18.8	19.3	18.8	19.4	19.3	19.9	20.4
	8H	17.8	18.3	18.3	18.8	19.3	18.9	19.4	19.4	19.9	20.4
	12H	17.8	18.2	18.4	18.7	19.3	18.9	19.3	19.5	19.8	20.4
12H	4H	17.7	18.3	18.2	18.8	19.2	18.7	19.3	19.2	19.7	20.2
	6H	17.8	18.2	18.3	18.7	19.2	18.8	19.3	19.3	19.8	20.3
	8H	17.8	18.2	18.3	18.7	19.2	18.9	19.3	19.4	19.8	20.3

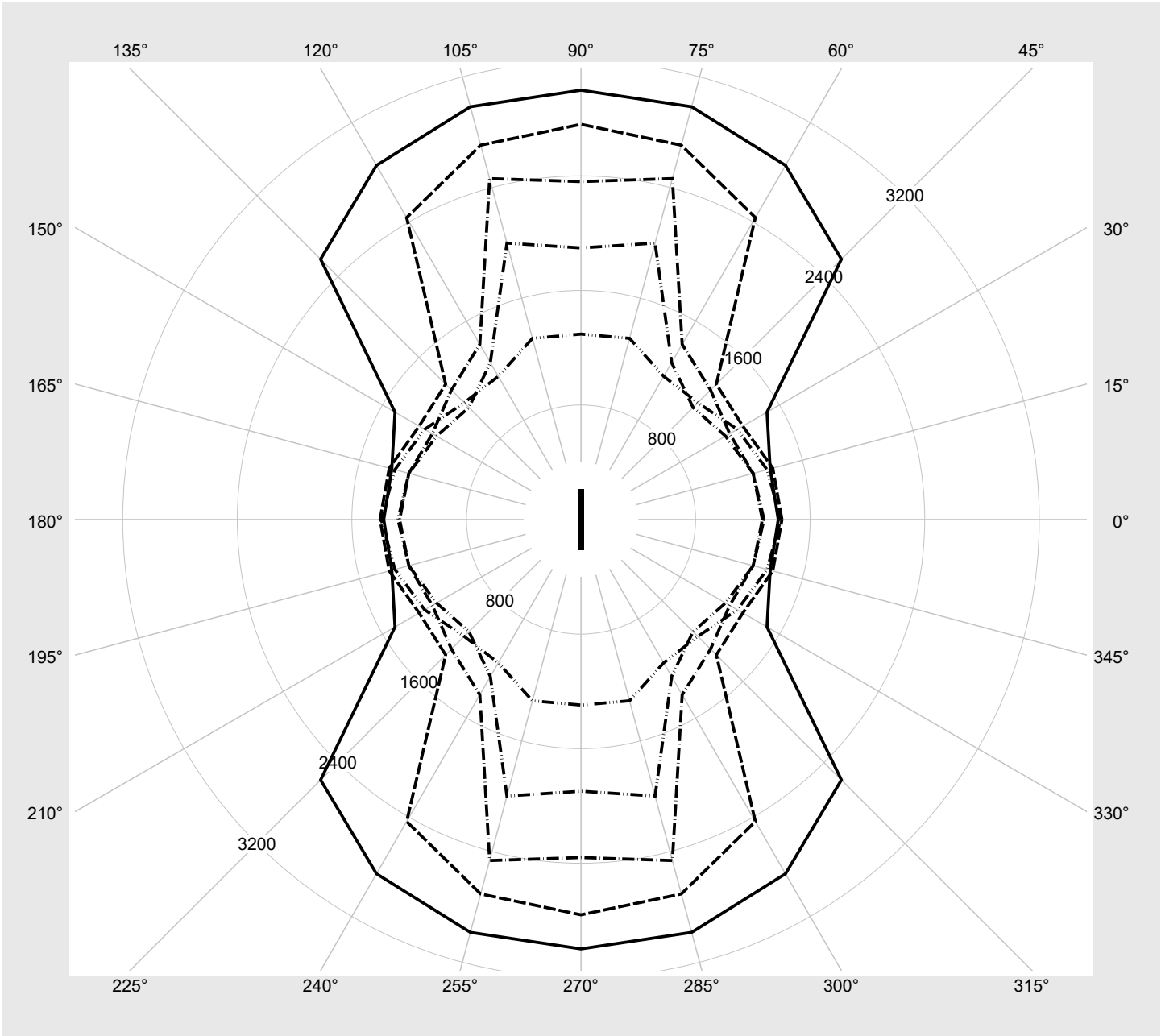
<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	<b>Photometric dimensions in mm:</b>	<b>L = 1487</b> <b>B = 111</b>
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C-planes	$\gamma$	Luminance in cd/m <sup>2</sup>							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		9184.1	10266.7	12147.6	14328.8	13798.8	12375.1	12013.4	
50°		6834.9	7390.6	7822.8	9745.3	9294.9	8071.4	7836.3	
55°		4700.4	5177.4	5766.5	6006.3	5321.3	5057.7	5038.1	
60°		1877.1	2039.3	3054.4	4282.8	3640.8	3817.0	3820.6	
65°		1377.5	1367.7	1499.7	2571.4	2856.0	2984.4	2998.3	
70°		1403.2	1386.3	1304.8	1336.5	2434.9	2706.6	2760.1	
75°		1266.5	1244.5	1198.7	1279.5	1413.0	2465.1	2360.0	
80°		1278.0	1244.6	1165.2	1106.7	1265.8	1998.7	1896.9	
85°		1394.8	1345.3	1260.4	1153.7	1155.0	1310.3	1295.4	

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



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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>sITeco</b>
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	6140	36.0
95	241	252	5838	34.1
90	228	250	5535	32.2
85	214	248	5207	30.3
80	201	245	4901	28.5
75	188	243	4595	26.6
70	176	241	4310	25.0
65	163	238	4000	23.3
60	150	235	3689	21.4
55	137	231	3377	19.7
50	124	228	3063	17.8
45	112	224	2772	16.4
40	99	219	2456	14.5
35	87	215	2160	12.9
30	74	209	1841	11.2
25	62	202	1546	9.8
20	49	194	1225	8.0
15	37	183	927	6.5
10	24	168	603	4.9
5	12	142	303	3.5
2	6	117	153	3.0