

## Photometric test report

Family  
Taris®

Order number: 5MT217D03WD  
EAN: 4058352219225

LP number  
58212\_18



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

**Lamps** LED 3000 K | CRI ≥ 80

**Controlgear** ECG-DALI

**Rated values** Net luminous flux = 5700 lm  
Power consumption = 35.9 W  
Luminous efficacy = 158.8 lm/W

serial  
documentation  
16.11.2020

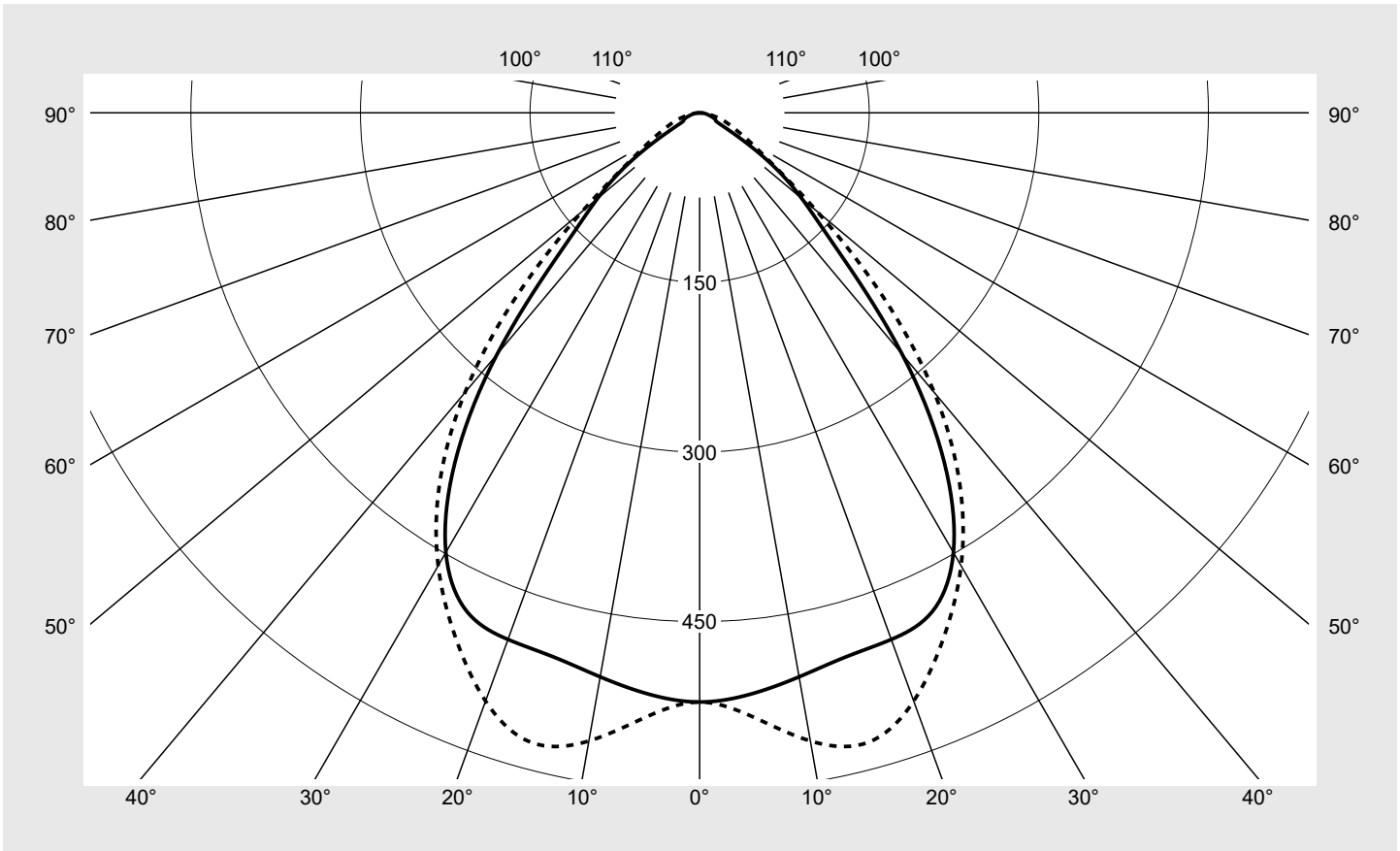
siteco

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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<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

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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	17.4	18.9	17.8	19.2	19.5	18.0	19.4	18.4	19.8	20.1
	3H	17.4	18.7	17.8	19.0	19.4	18.3	19.5	18.7	19.9	20.2
	4H	17.4	18.6	17.8	18.9	19.3	18.4	19.5	18.8	19.9	20.3
	6H	17.4	18.5	17.8	18.8	19.2	18.5	19.5	18.9	19.9	20.3
	8H	17.5	18.4	17.9	18.8	19.2	18.5	19.5	19.0	19.9	20.3
	12H	17.5	18.4	17.9	18.7	19.2	18.5	19.4	19.0	19.8	20.2
4H	2H	17.5	18.7	17.9	19.0	19.4	18.1	19.2	18.4	19.6	19.9
	3H	17.5	18.5	17.9	18.8	19.3	18.4	19.3	18.8	19.7	20.1
	4H	17.5	18.4	17.9	18.8	19.2	18.5	19.4	19.0	19.8	20.2
	6H	17.5	18.3	18.0	18.7	19.2	18.7	19.4	19.1	19.8	20.3
	8H	17.5	18.2	18.0	18.7	19.1	18.7	19.3	19.2	19.8	20.3
	12H	17.6	18.1	18.1	18.6	19.1	18.7	19.3	19.2	19.7	20.2
8H	4H	17.5	18.1	17.9	18.6	19.1	18.4	19.1	18.9	19.6	20.0
	6H	17.5	18.0	18.0	18.5	19.0	18.6	19.1	19.1	19.6	20.1
	8H	17.5	18.0	18.0	18.5	19.0	18.6	19.1	19.1	19.6	20.1
	12H	17.6	18.0	18.1	18.5	19.0	18.7	19.1	19.2	19.6	20.1
12H	4H	17.5	18.0	18.0	18.5	19.0	18.4	19.0	18.9	19.5	20.0
	6H	17.5	18.0	18.0	18.4	19.0	18.6	19.0	19.1	19.5	20.1
	8H	17.5	17.9	18.1	18.4	19.0	18.6	19.0	19.2	19.5	20.1

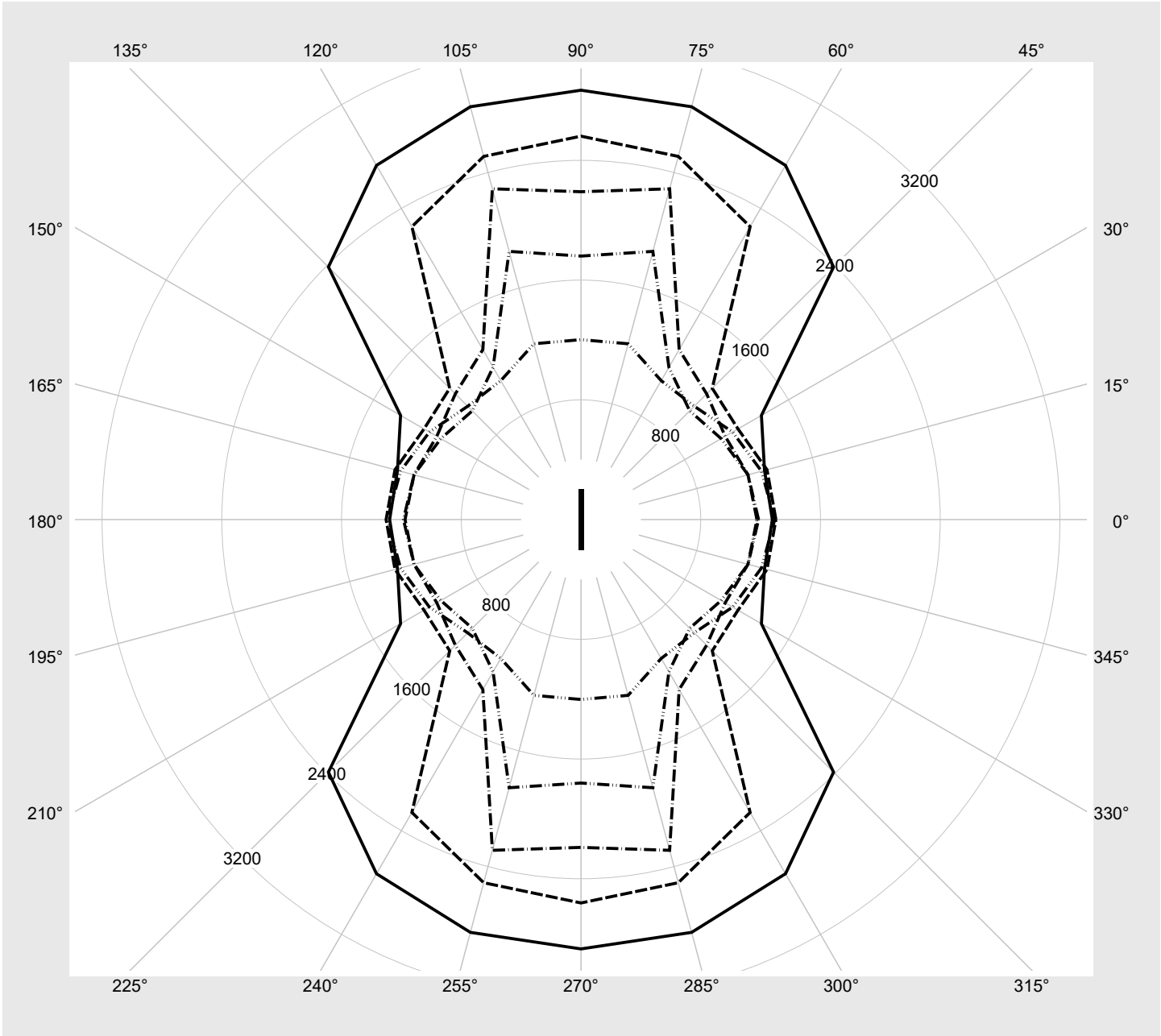
<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	<b>Photometric dimensions in mm:</b>	<b>L = 1487</b> <b>B = 111</b>
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C-planes	$\gamma$	Luminance in cd/m <sup>2</sup>							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		8524.2	9529.0	11274.8	13299.3	12807.4	11485.9	11150.3	
50°		6343.9	6859.6	7260.7	9045.1	8627.0	7491.5	7273.2	
55°		4362.7	4805.4	5352.2	5574.7	4938.9	4694.3	4676.1	
60°		1742.3	1892.7	2834.9	3975.1	3379.2	3542.8	3546.1	
65°		1278.6	1269.4	1392.0	2386.6	2732.7	2855.6	2868.9	
70°		1302.3	1286.7	1211.1	1240.4	2259.9	2512.1	2561.8	
75°		1175.5	1155.1	1112.5	1187.5	1311.5	2288.0	2190.5	
80°		1186.3	1155.2	1081.5	1027.2	1174.9	1855.1	1760.6	
85°		1294.5	1248.5	1169.7	1070.6	1071.8	1216.0	1202.2	

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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	5700	35.9
95	241	252	5421	34.1
90	228	250	5139	32.2
85	214	248	4835	30.2
80	201	245	4552	28.5
75	188	243	4266	26.6
70	175	240	3981	24.9
65	163	238	3716	23.3
60	150	235	3427	21.4
55	137	231	3137	19.6
50	124	228	2846	17.8
45	112	224	2576	16.3
40	99	219	2283	14.5
35	86	214	1984	12.7
30	74	209	1711	11.2
25	62	202	1436	9.8
20	49	194	1138	8.0
15	37	183	861	6.5
10	24	168	560	4.9
5	12	142	281	3.5
2	6	117	141	3.0