

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/m²)

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

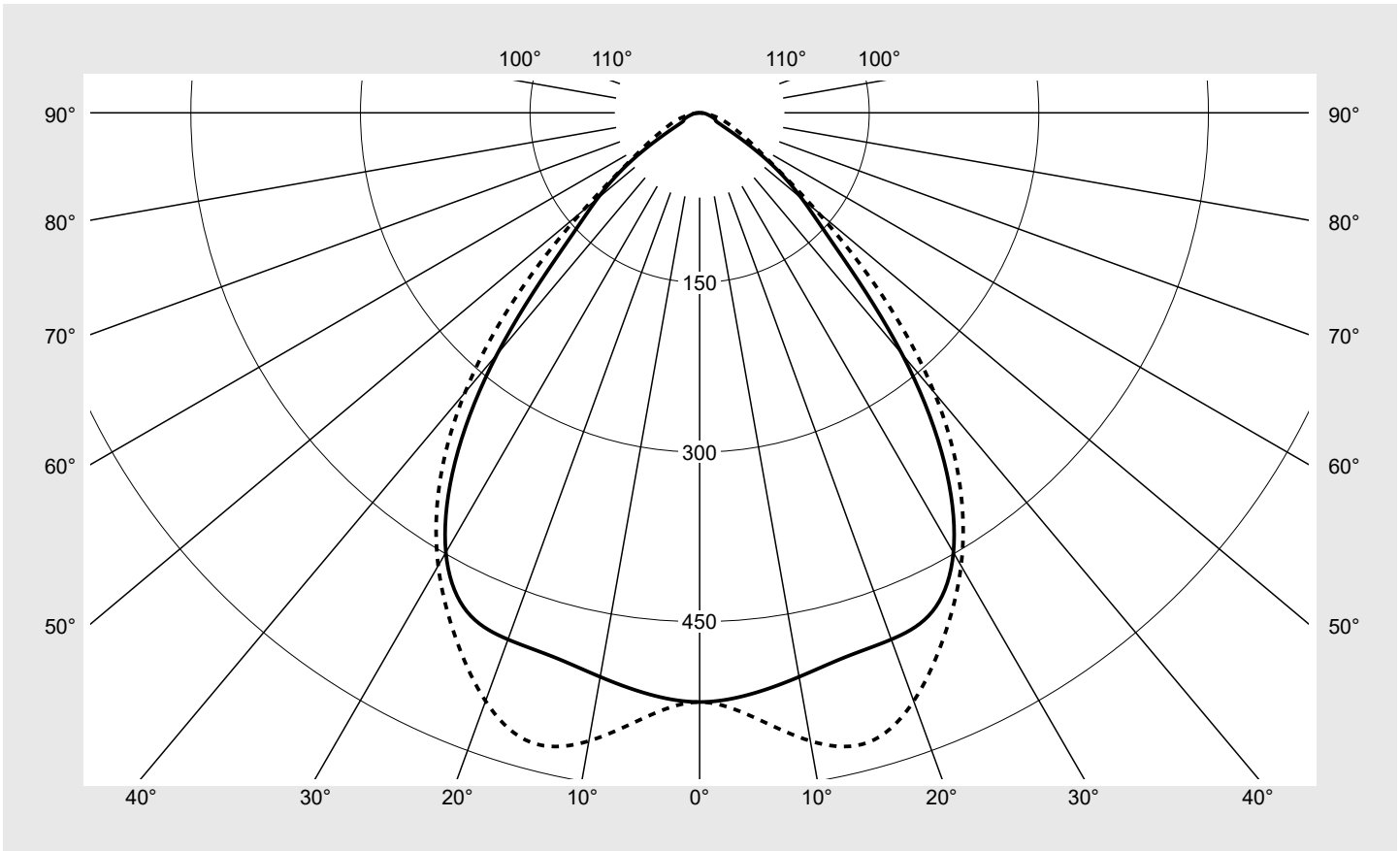
siteco

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

η_{LB} 100.0%
 ϕ_u 100.0%
 ϕ_o 0.0%

Measurement conditions

DIN EN 13032 and DIN 5032

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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°	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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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	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

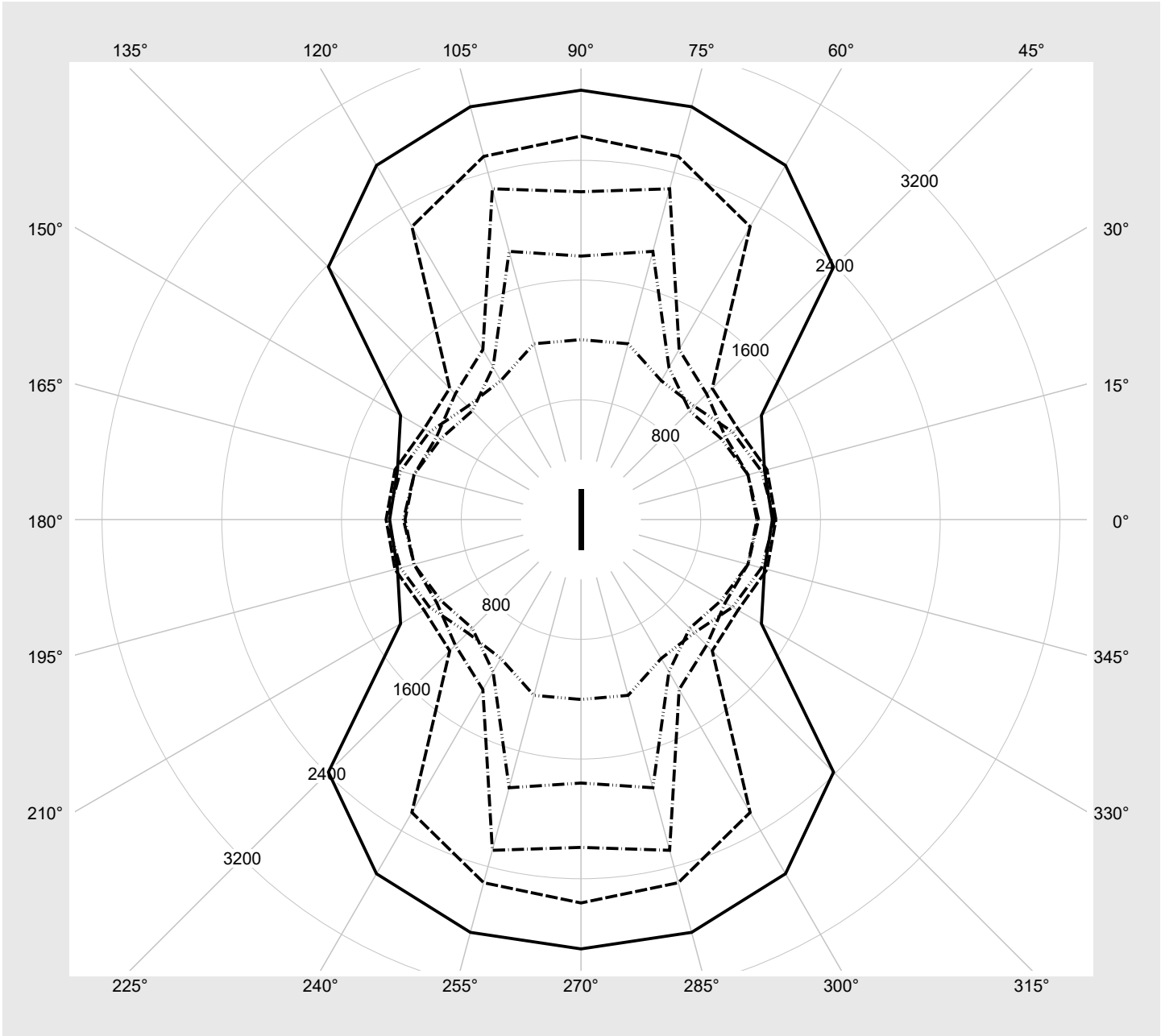
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1487 B = 111
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C-planes	γ	Luminance in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
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/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



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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	5700	35.9
95	241	252	5421	34.1
90	228	250	5139	32.2
85	214	248	4835	30.2
80	201	246	4552	28.5
75	188	243	4266	26.6
70	175	241	3981	24.9
65	163	238	3716	23.3
60	150	235	3427	21.4
55	137	232	3137	19.6
50	124	228	2846	17.8
45	112	225	2576	16.3
40	99	221	2283	14.5
35	86	216	1984	12.7
30	74	211	1711	11.2
25	61	206	1414	9.6
20	49	199	1138	8.0
15	37	191	861	6.5
10	24	181	560	4.9
5	12	169	281	3.5
2	6	163	141	3.0