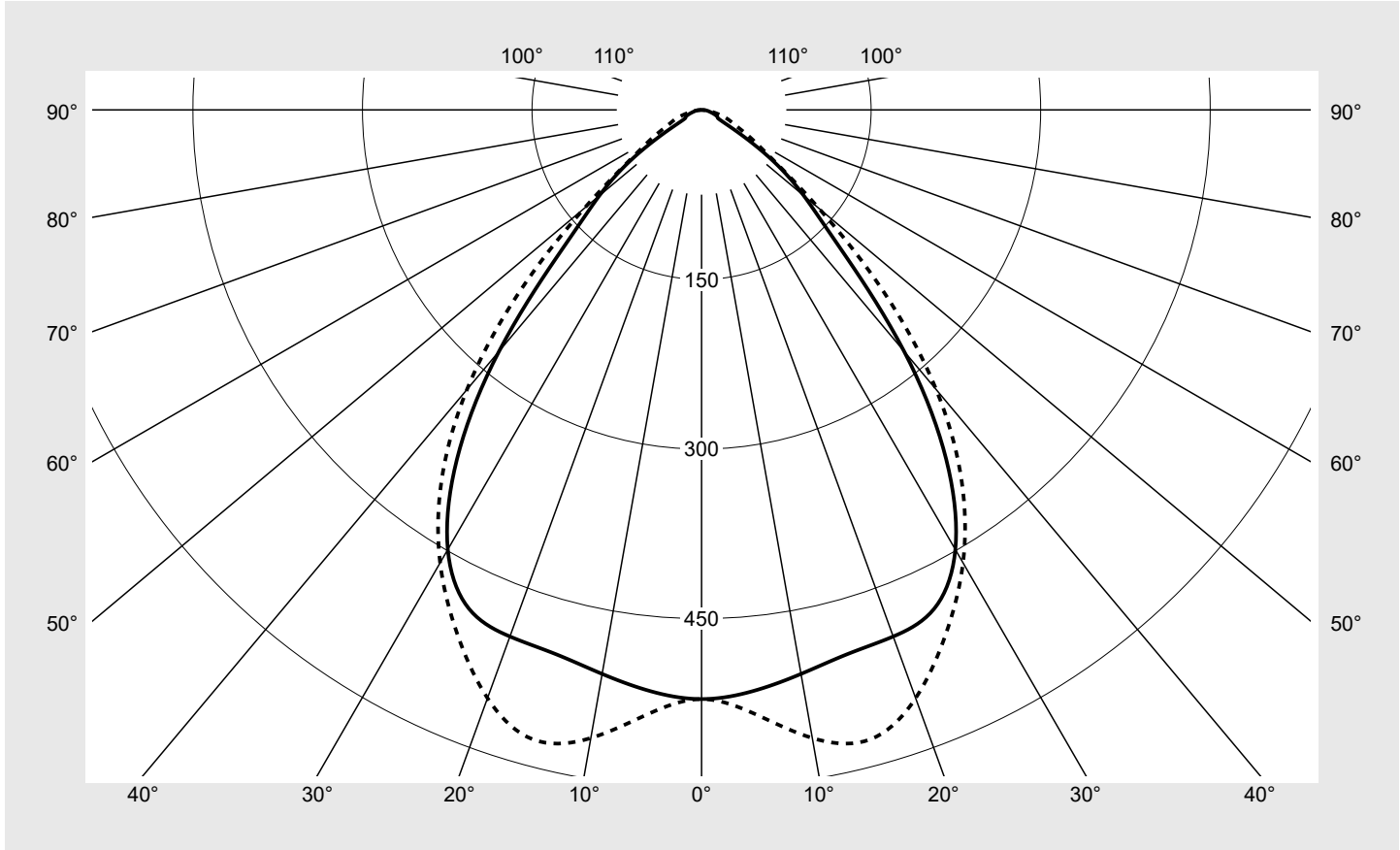


Photometric test report

Family Taris®	Order number: 5MT216704WD EAN: 4058352219010	LP number 59089_1
	Version surface-mounted luminaire, Combined lens and reflector optics, direct distribution, UGR≤19 (L65≤3000cd/m²)	serial documentation 16.11.2020
	Lamps LED 4000 K CRI ≥ 80 Controlgear ECG Rated values Net luminous flux = 4910 lm Power consumption = 30.6 W Luminous efficacy = 160.5 lm/W	



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

Photometric test report

Family Taris®	Order number: 5MT216704WD EAN: 4058352219010	LP number 59089_1
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°	521.2	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

Photometric test report

Family Taris®	Order number: 5MT216704WD EAN: 4058352219010	LP number 59089_1
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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	17.7	19.1	18.0	19.4	19.7	18.2	19.7	18.6	20.0	20.3
	3H	17.6	18.9	18.0	19.2	19.6	18.5	19.7	18.8	20.1	20.4
	4H	17.6	18.8	18.0	19.1	19.5	18.6	19.7	19.0	20.1	20.5
	6H	17.6	18.7	18.0	19.0	19.4	18.7	19.7	19.1	20.1	20.5
	8H	17.7	18.6	18.1	19.0	19.4	18.7	19.7	19.2	20.1	20.5
	12H	17.7	18.6	18.1	19.0	19.4	18.7	19.6	19.2	20.0	20.4
4H	2H	17.7	18.9	18.1	19.2	19.6	18.3	19.4	18.7	19.8	20.1
	3H	17.7	18.7	18.1	19.1	19.5	18.6	19.5	19.0	19.9	20.3
	4H	17.7	18.6	18.2	19.0	19.4	18.7	19.6	19.2	20.0	20.4
	6H	17.7	18.5	18.2	18.9	19.4	18.9	19.6	19.3	20.0	20.5
	8H	17.8	18.4	18.2	18.9	19.3	18.9	19.5	19.4	20.0	20.5
	12H	17.8	18.4	18.3	18.8	19.3	18.9	19.5	19.4	19.9	20.4
8H	4H	17.7	18.3	18.2	18.8	19.3	18.6	19.3	19.1	19.8	20.2
	6H	17.7	18.3	18.2	18.7	19.2	18.8	19.3	19.3	19.8	20.3
	8H	17.7	18.2	18.2	18.7	19.2	18.8	19.3	19.3	19.8	20.3
	12H	17.8	18.2	18.3	18.7	19.2	18.9	19.3	19.4	19.8	20.3
12H	4H	17.7	18.2	18.2	18.7	19.2	18.6	19.2	19.1	19.7	20.2
	6H	17.7	18.2	18.2	18.7	19.2	18.8	19.2	19.3	19.7	20.2
	8H	17.8	18.1	18.3	18.6	19.2	18.8	19.2	19.4	19.7	20.3

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1206 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°		9055.5	10123.0	11977.5	14128.2	13605.7	12201.8	11845.2	
50°		6739.3	7287.2	7713.2	9608.8	9164.8	7958.4	7726.6	
55°		4634.6	5104.9	5685.8	5922.2	5246.8	4986.9	4967.5	
60°		1850.9	2010.7	3011.6	4222.9	3589.8	3763.6	3767.1	
65°		1358.2	1348.5	1478.7	2535.4	2816.0	2942.7	2956.3	
70°		1383.5	1366.9	1286.6	1317.8	2400.8	2668.7	2721.4	
75°		1248.8	1227.1	1181.9	1261.5	1393.2	2430.5	2327.0	
80°		1260.2	1227.2	1148.8	1091.2	1248.1	1970.7	1870.4	
85°		1375.3	1326.5	1242.7	1137.5	1138.8	1292.0	1277.2	

Photometric test report

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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**

