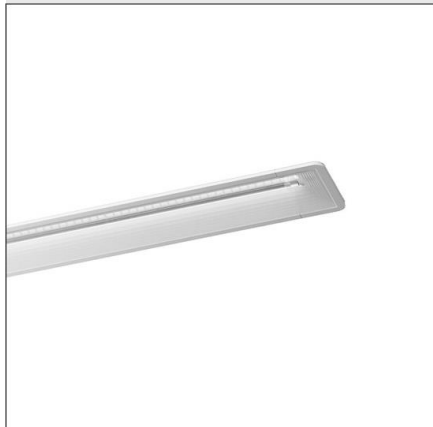


Photometric test report

Family
Taris®

Order number: 5MT116D04WD
EAN: 4058352219249

LP number
59089_6



Version recessed luminaire, Combined lens and reflector optics, direct distribution, UGR≤19 (L65≤3000cd/m²)

Lamps LED 4000 K | CRI ≥ 80

Controlgear ECG-DALI

Rated values Net luminous flux = 4910 lm
Power consumption = 28.9 W
Luminous efficacy = 169.9 lm/W

serial
documentation
16.11.2020

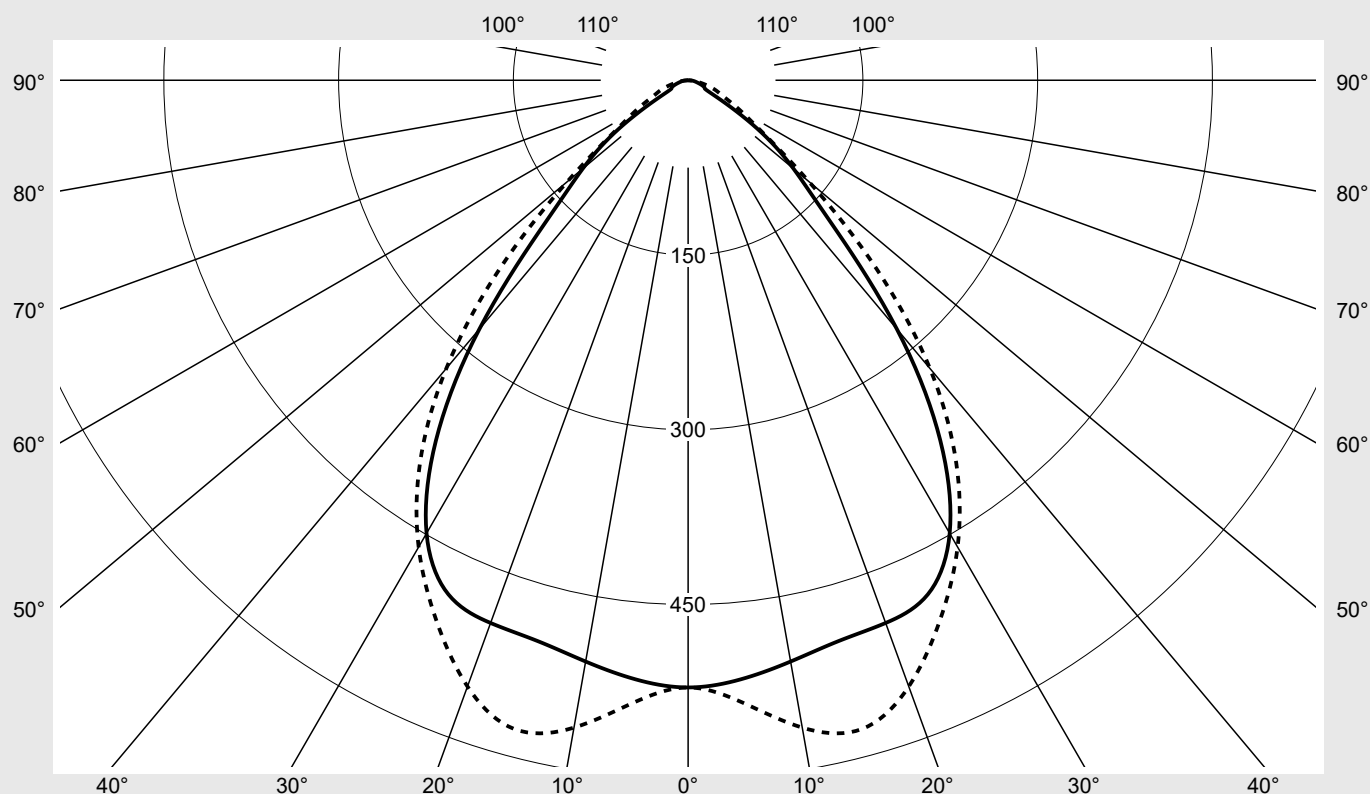
siteco

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

Photometric test report

Family Taris®	Order number: 5MT116D04WD EAN: 4058352219249	LP number 59089_6
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Table of values for luminous intensities	Maximum luminous intensity
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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: 5MT116D04WD EAN: 4058352219249	LP number 59089_6
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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

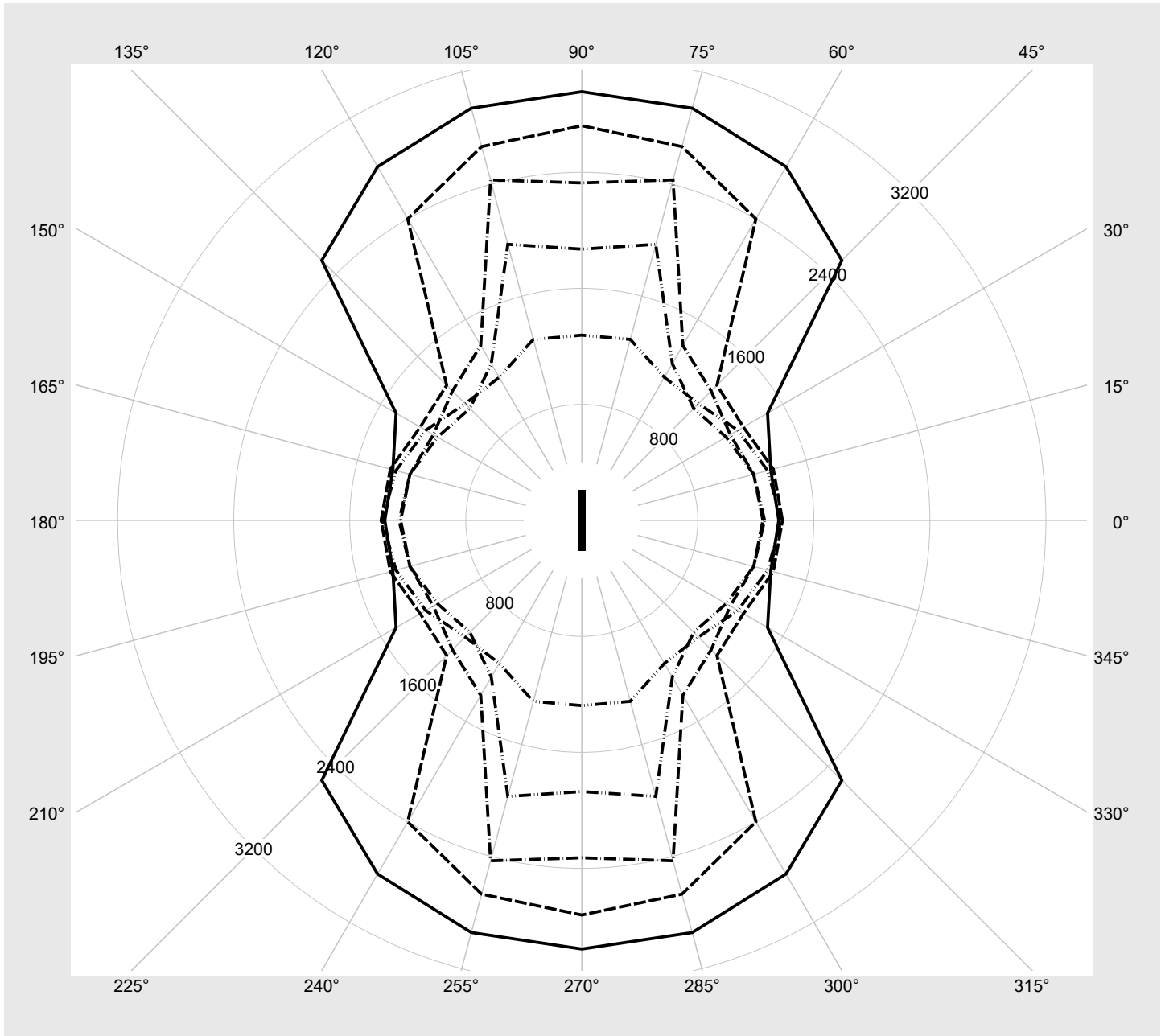
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1206 B = 111
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C-planes	γ	Luminance in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
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

Family Taris®	Order number: 5MT116D04WD EAN: 4058352219249	LP number 59089_6
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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



Photometric test report

Family Taris®	Order number: 5MT116D04WD EAN: 4058352219249	LP number 59089_6
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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	4910	28.9
95	241	252	4669	27.5
90	228	250	4426	26.0
85	214	248	4165	24.5
80	201	245	3920	23.0
75	188	243	3674	21.6
70	175	240	3428	20.2
65	163	238	3199	18.9
60	150	235	2950	17.5
55	137	231	2700	16.2
50	124	228	2450	14.8
45	112	224	2217	13.5
40	99	219	1965	12.1
35	87	215	1728	10.8
30	74	209	1473	9.4
25	62	202	1236	8.2
20	49	194	979	6.8
15	37	183	741	5.6
10	24	168	482	4.3
5	12	142	242	3.2
2	6	117	122	2.5