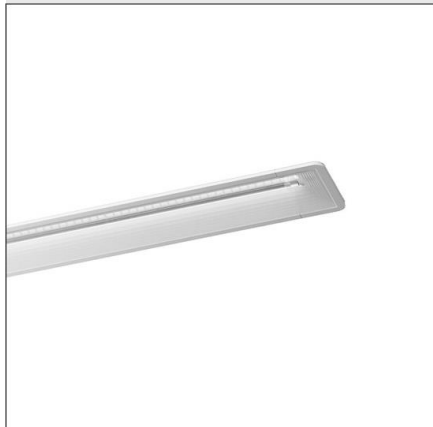


Lichttechnischer Prüfbefund

Familie
Taris®

Bestell-Nr.: 5MT116D04WD
EAN: 4058352219249

LP-Nummer
59089_6



Ausführung Einbauleuchte, Kombinierte Linsen und Reflektor Optik, direkt strahlend, UGR≤19 (L65≤3000cd/m²)

Bestückung LED 4000 K | CRI ≥ 80

Betriebsgerät EVG-DALI

Bemessungswerte Nettolichtstrom = 4910 lm
Systemleistung = 28.9 W
Lichtausbeute = 169.9 lm/W

Seriendokumentation
16.11.2020

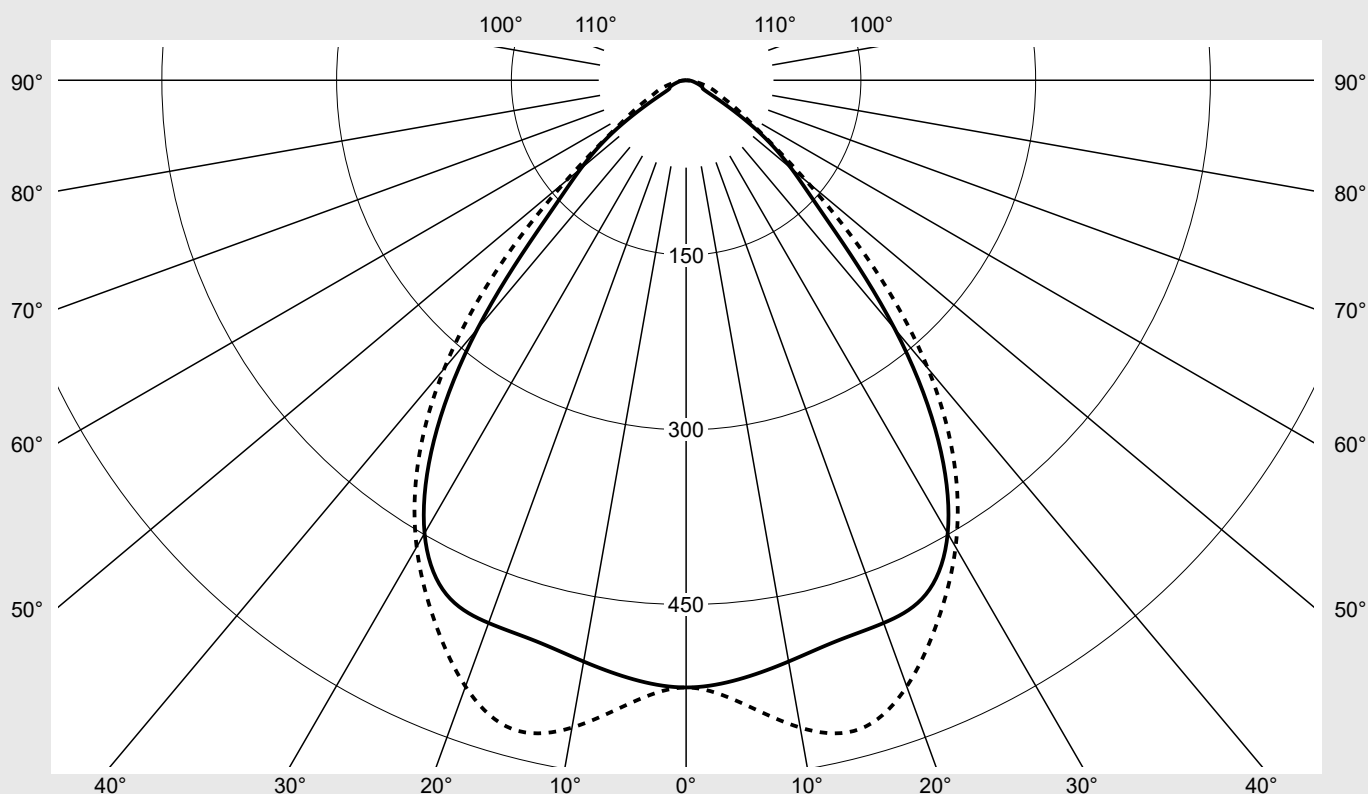
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 576 cd/klm



Klassifizierungen

DIN 5040 A 6 0
CIE N1=73 N2=96 N3=99
N4=100 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 100,0%
 ϕ_o 0,0%

Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie Taris®	Bestell-Nr.: 5MT116D04WD EAN: 4058352219249	LP-Nummer 59089_6
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		sITeco

C- Ebenen	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-Zone	Summe Phi-Zone
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			
Lichtstärke in cd/klm								Lichtstrom in lm/klm	
γ									
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

Lichttechnischer Prüfbefund

Familie Taris®	Bestell-Nr.: 5MT116D04WD EAN: 4058352219249	LP-Nummer 59089_6
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UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
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

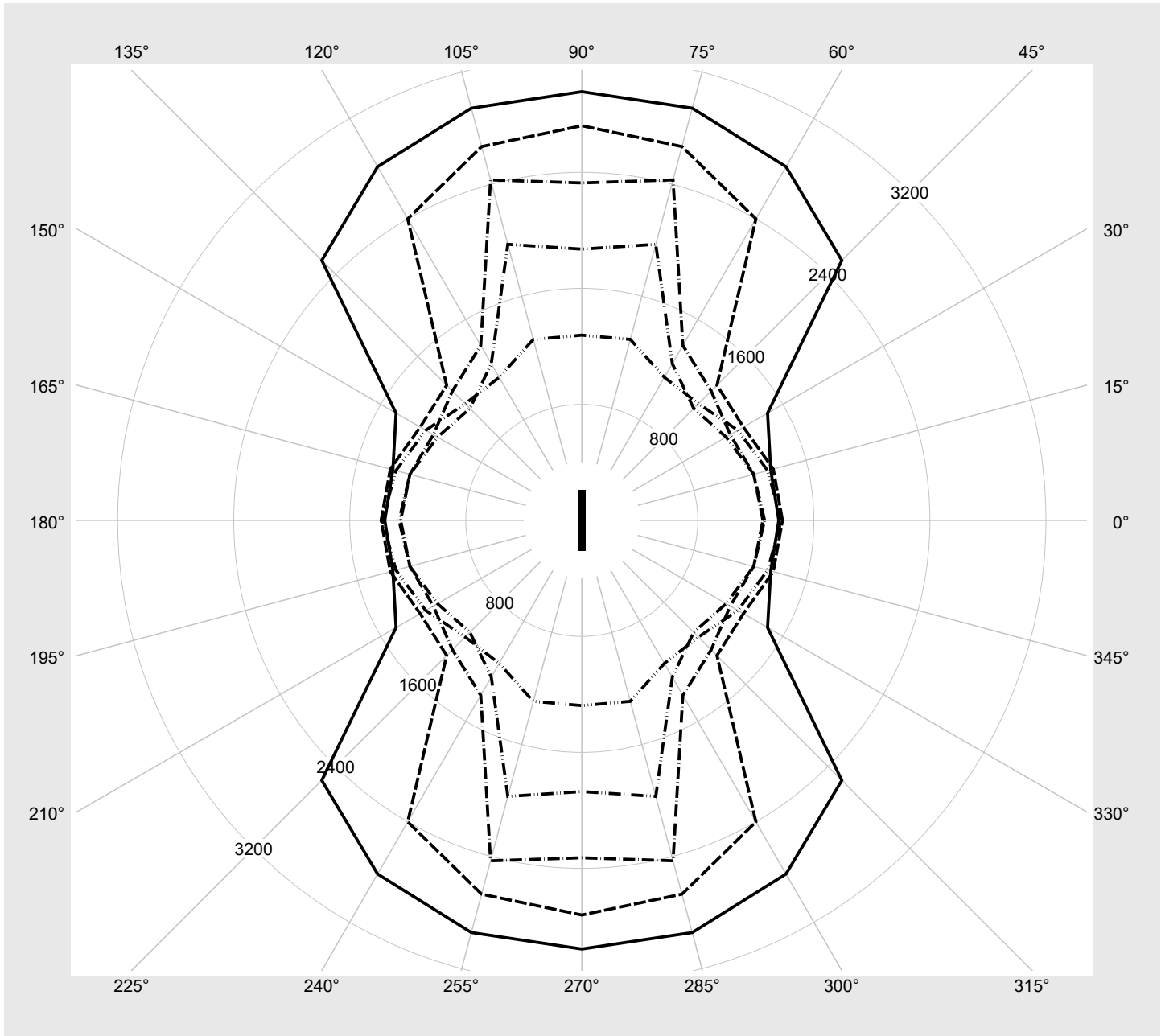
Leuchtdichten-Tabelle	Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm:	L = 1206 B = 111
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C- Ebenen	γ	Leuchtdichte in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 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	

Lichttechnischer Prüfbefund

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



Lichttechnischer Prüfbefund

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Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	sITeco
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [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