

## Lichttechnischer Prüfbefund

Familie  
Taris®

Bestell-Nr.: 5MT216D04WD  
EAN: 4058352219034

LP-Nummer  
59089\_2



**Ausführung** Anbauleuchte, Kombinierte Linsen und Reflektor Optik, direkt strahlend, UGR≤19 (L65≤3000cd/m<sup>2</sup>)

**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

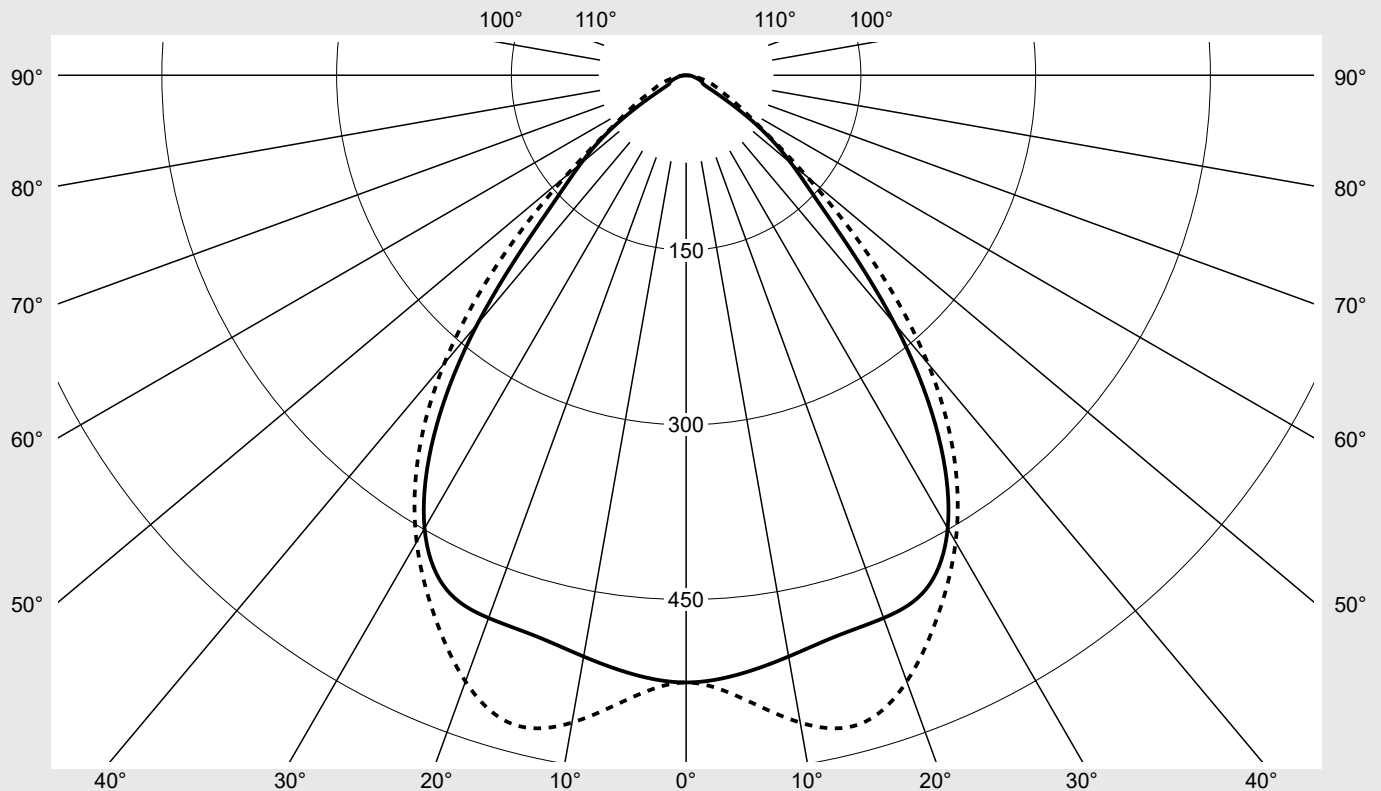
siteco

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

$\eta_{LB}$  100,0%  
 $\phi_u$  100,0%  
 $\phi_o$  0,0%

#### Messbedingungen

DIN EN 13032 und DIN 5032

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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>sITeco</b>

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°			
γ	Lichtstärke in cd/klm							Lichtstrom 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

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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

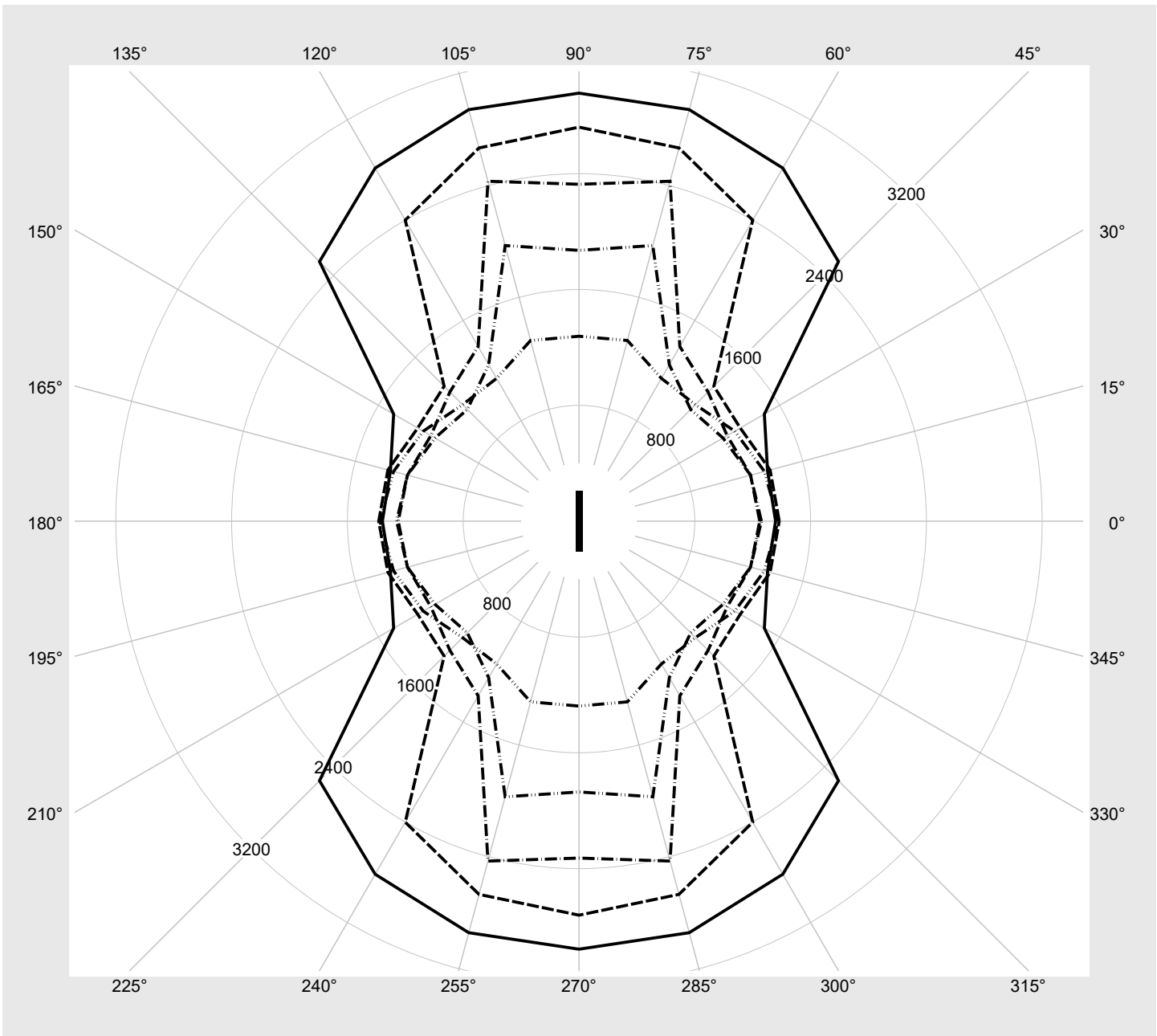
<b>Leuchtdichten-Tabelle</b> Max. für $\gamma \geq 65^\circ$	<b>Lichttechnische Abmessungen in mm:</b> L = 1206 B = 111
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C- Ebenen	$\gamma$	Leuchtdichte in cd/m <sup>2</sup>							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		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	

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



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<b>Dimmstufen-Tabelle</b>	Umgebungstemperatur: 25°C	<b>sITeco</b>
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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