

Lichttechnischer Prüfbefund

Familie
Taris®

Bestell-Nr.: 5MT116D03WD
EAN: 4058352219058

LP-Nummer
58214_27



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

Bestückung LED 3000 K | CRI ≥ 80

Betriebsgerät EVG-DALI

Bemessungswerte
Nettolichtstrom = 4560 lm
Systemleistung = 28.9 W
Lichtausbeute = 157.8 lm/W

Seriendokumentation
16.11.2020

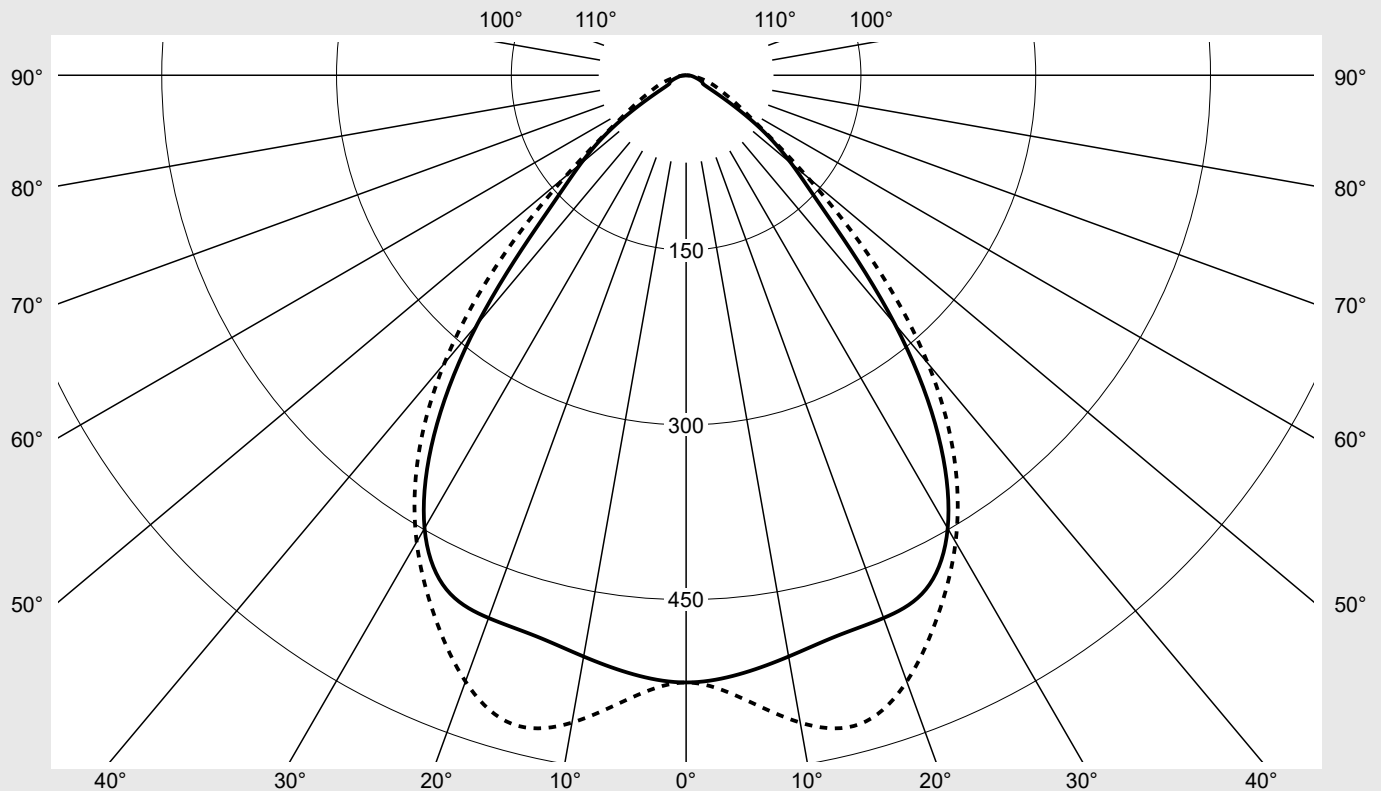
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Lichtstärke in cd/klm

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

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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°	521.1	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-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	17,4	18,8	17,7	19,1	19,4	18,0	19,4	18,3	19,7	20,0
	3H	17,4	18,6	17,7	19,0	19,3	18,2	19,5	18,6	19,8	20,2
	4H	17,4	18,5	17,8	18,9	19,2	18,3	19,5	18,7	19,8	20,2
	6H	17,4	18,4	17,8	18,8	19,2	18,4	19,5	18,8	19,8	20,2
	8H	17,4	18,4	17,8	18,8	19,2	18,5	19,4	18,9	19,8	20,2
	12H	17,4	18,3	17,8	18,7	19,1	18,5	19,4	18,9	19,7	20,2
4H	2H	17,5	18,6	17,8	19,0	19,3	18,0	19,2	18,4	19,5	19,9
	3H	17,4	18,4	17,9	18,8	19,2	18,3	19,3	18,7	19,7	20,1
	4H	17,5	18,3	17,9	18,7	19,2	18,5	19,3	18,9	19,7	20,2
	6H	17,5	18,2	17,9	18,6	19,1	18,6	19,3	19,1	19,8	20,2
	8H	17,5	18,2	18,0	18,6	19,1	18,6	19,3	19,1	19,7	20,2
	12H	17,5	18,1	18,0	18,6	19,1	18,7	19,2	19,2	19,7	20,2
8H	4H	17,4	18,1	17,9	18,5	19,0	18,4	19,1	18,9	19,5	20,0
	6H	17,5	18,0	18,0	18,5	19,0	18,5	19,1	19,0	19,6	20,1
	8H	17,5	18,0	18,0	18,4	19,0	18,6	19,1	19,1	19,6	20,1
	12H	17,5	17,9	18,1	18,4	19,0	18,6	19,0	19,2	19,5	20,1
12H	4H	17,4	18,0	17,9	18,4	18,9	18,4	19,0	18,9	19,4	19,9
	6H	17,5	17,9	18,0	18,4	18,9	18,5	19,0	19,0	19,5	20,0
	8H	17,5	17,9	18,0	18,4	18,9	18,6	19,0	19,1	19,5	20,0

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$

Lichttechnische Abmessungen in mm: L = 1206, B = 111

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°		8408.3	9399.4	11121.5	13118.5	12633.3	11329.7	10998.6	
50°		6257.6	6766.3	7161.9	8922.1	8509.7	7389.6	7174.3	
55°		4303.4	4740.0	5279.4	5498.9	4871.8	4630.5	4612.5	
60°		1718.6	1867.0	2796.4	3921.0	3333.2	3494.6	3497.9	
65°		1261.2	1252.2	1373.1	2354.1	2695.6	2816.8	2829.9	
70°		1284.6	1269.2	1194.7	1223.5	2229.2	2478.0	2527.0	
75°		1159.5	1139.4	1097.4	1171.4	1293.6	2256.9	2160.7	
80°		1170.1	1139.5	1066.8	1013.2	1159.0	1829.8	1736.7	
85°		1276.9	1231.5	1153.8	1056.0	1057.2	1199.5	1185.8	

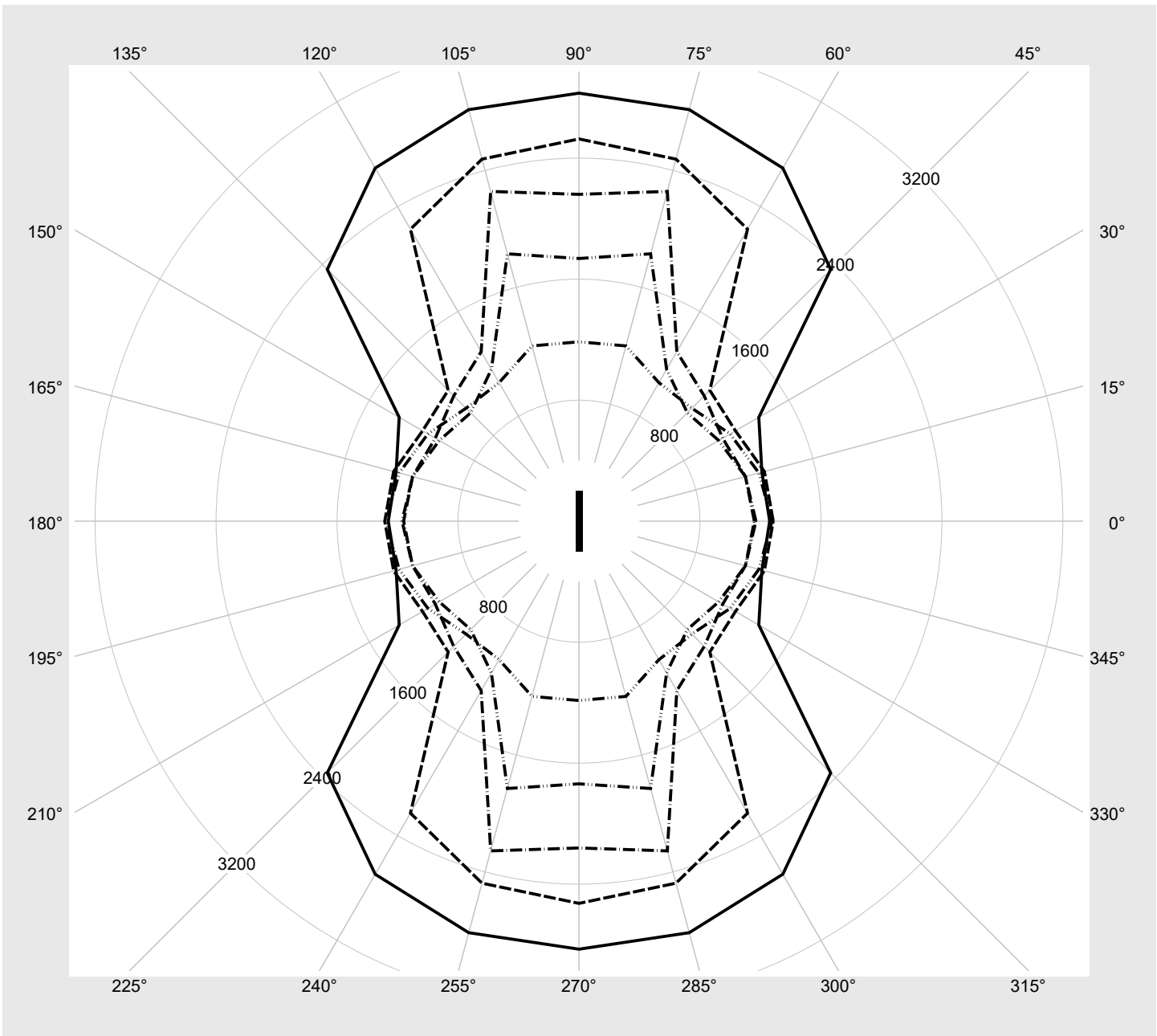
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Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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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	4560	28.9
95	241	252	4336	27.5
90	228	250	4111	26.0
85	214	248	3868	24.5
80	201	245	3642	23.0
75	188	243	3414	21.6
70	175	240	3185	20.2
65	163	238	2972	18.9
60	150	235	2741	17.5
55	137	231	2509	16.1
50	124	228	2277	14.8
45	112	224	2061	13.5
40	99	219	1826	12.1
35	86	214	1587	10.7
30	74	209	1369	9.4
25	61	202	1131	8.1
20	49	194	911	6.8
15	37	183	689	5.6
10	24	168	449	4.3
5	12	142	225	3.2
2	6	117	113	2.5