

Lichttechnischer Prüfbefund

Familie
Taris®

Bestell-Nr.: 5MT217D04WD
EAN: 4058352219232

LP-Nummer
59089_4



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

Bestückung LED 4000 K | CRI ≥ 80

Betriebsgerät EVG-DALI

Bemessungswerte Nettolichtstrom = 6140 lm
Systemleistung = 36.0 W
Lichtausbeute = 170.6 lm/W

Seriendokumentation
16.11.2020

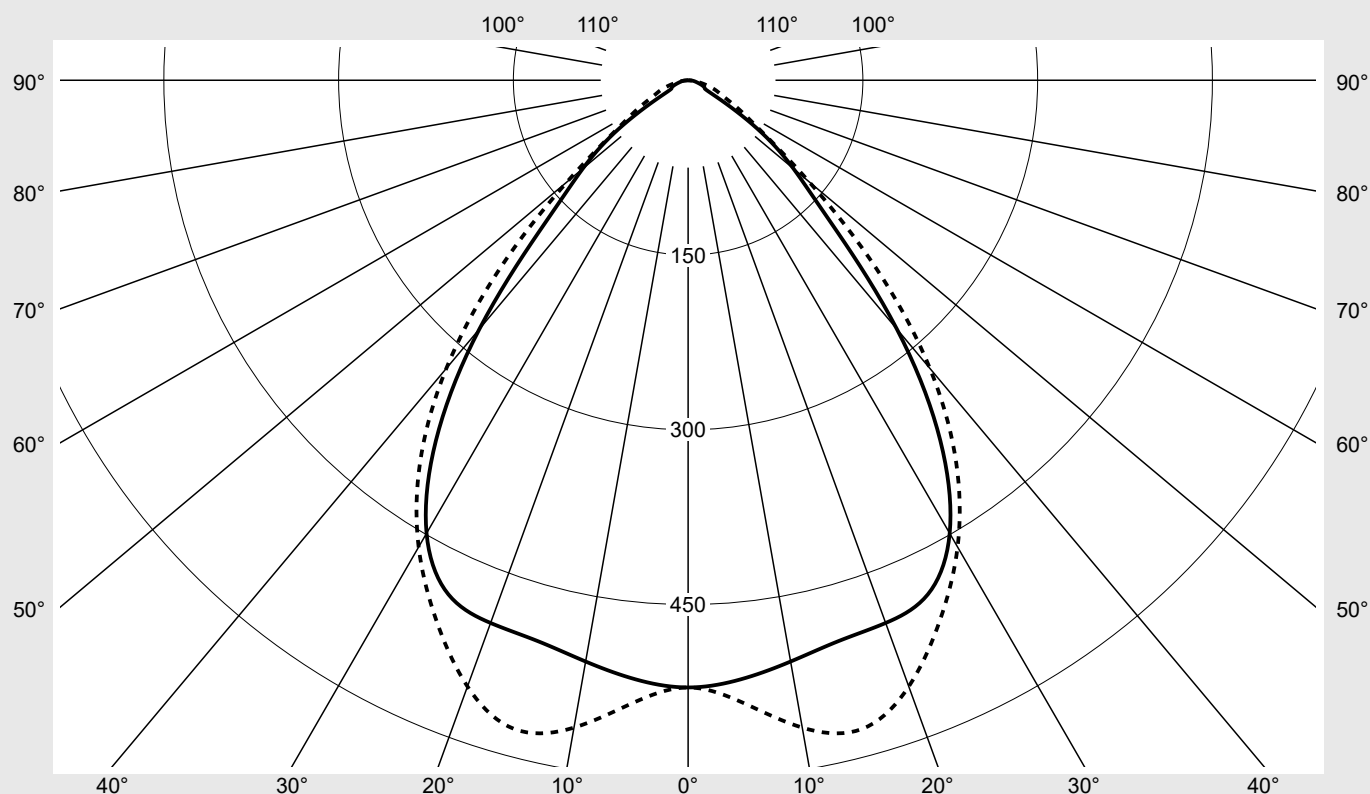
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Lichtstärke in cd/klm

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°	521.2	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									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	17,7	19,1	18,1	19,4	19,7	18,3	19,7	18,6	20,0	20,3
	3H	17,7	18,9	18,1	19,3	19,6	18,5	19,8	18,9	20,1	20,5
	4H	17,7	18,8	18,1	19,2	19,6	18,6	19,8	19,0	20,1	20,5
	6H	17,7	18,7	18,1	19,1	19,5	18,7	19,8	19,1	20,1	20,5
	8H	17,7	18,7	18,1	19,1	19,5	18,8	19,7	19,2	20,1	20,5
	12H	17,7	18,6	18,2	19,0	19,4	18,8	19,6	19,2	20,0	20,5
4H	2H	17,8	18,9	18,2	19,3	19,6	18,3	19,5	18,7	19,8	20,2
	3H	17,8	18,7	18,2	19,1	19,5	18,6	19,6	19,0	20,0	20,4
	4H	17,8	18,6	18,2	19,0	19,5	18,8	19,6	19,2	20,0	20,5
	6H	17,8	18,5	18,2	19,0	19,4	18,9	19,6	19,4	20,1	20,5
	8H	17,8	18,5	18,3	18,9	19,4	18,9	19,6	19,4	20,0	20,5
	12H	17,8	18,4	18,3	18,9	19,4	19,0	19,5	19,5	20,0	20,5
8H	4H	17,7	18,4	18,2	18,8	19,3	18,7	19,4	19,2	19,8	20,3
	6H	17,8	18,3	18,3	18,8	19,3	18,8	19,4	19,3	19,9	20,4
	8H	17,8	18,3	18,3	18,8	19,3	18,9	19,4	19,4	19,9	20,4
	12H	17,8	18,2	18,4	18,7	19,3	18,9	19,3	19,5	19,8	20,4
12H	4H	17,7	18,3	18,2	18,8	19,2	18,7	19,3	19,2	19,7	20,2
	6H	17,8	18,2	18,3	18,7	19,2	18,8	19,3	19,3	19,8	20,3
	8H	17,8	18,2	18,3	18,7	19,2	18,9	19,3	19,4	19,8	20,3

Leuchtdichten-Tabelle	Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm:	L = 1487 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°		9184.1	10266.7	12147.6	14328.8	13798.8	12375.1	12013.4
50°		6834.9	7390.6	7822.8	9745.3	9294.9	8071.4	7836.3
55°		4700.4	5177.4	5766.5	6006.3	5321.3	5057.7	5038.1
60°		1877.1	2039.3	3054.4	4282.8	3640.8	3817.0	3820.6
65°		1377.5	1367.7	1499.7	2571.4	2856.0	2984.4	2998.3
70°		1403.2	1386.3	1304.8	1336.5	2434.9	2706.6	2760.1
75°		1266.5	1244.5	1198.7	1279.5	1413.0	2465.1	2360.0
80°		1278.0	1244.6	1165.2	1106.7	1265.8	1998.7	1896.9
85°		1394.8	1345.3	1260.4	1153.7	1155.0	1310.3	1295.4

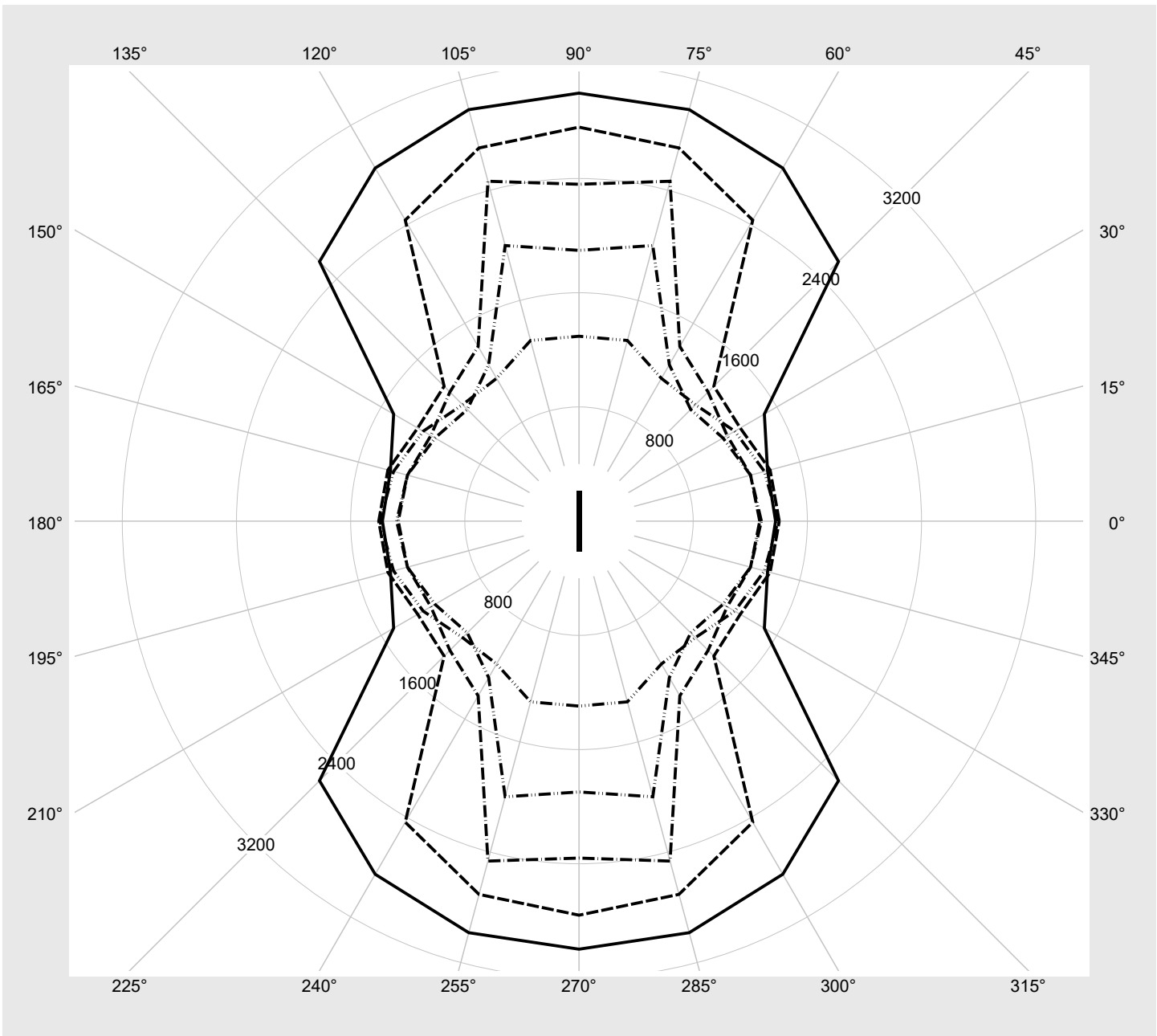
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Leuchtdichten in cd/m²

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	6140	36.0
95	241	252	5838	34.1
90	228	250	5535	32.2
85	214	248	5207	30.3
80	201	245	4901	28.5
75	188	243	4595	26.6
70	176	241	4310	25.0
65	163	238	4000	23.3
60	150	235	3689	21.4
55	137	231	3377	19.7
50	124	228	3063	17.8
45	112	224	2772	16.4
40	99	219	2456	14.5
35	87	215	2160	12.9
30	74	209	1841	11.2
25	62	202	1546	9.8
20	49	194	1225	8.0
15	37	183	927	6.5
10	24	168	603	4.9
5	12	142	303	3.5
2	6	117	153	3.0