

Lichttechnischer Prüfbefund

Familie
Taris®

Bestell-Nr.: 5MT115D03WD
EAN: 4058352219140

LP-Nummer
58214_24



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 = 3420 lm
Systemleistung = 22.2 W
Lichtausbeute = 154.1 lm/W

Seriendokumentation
16.11.2020

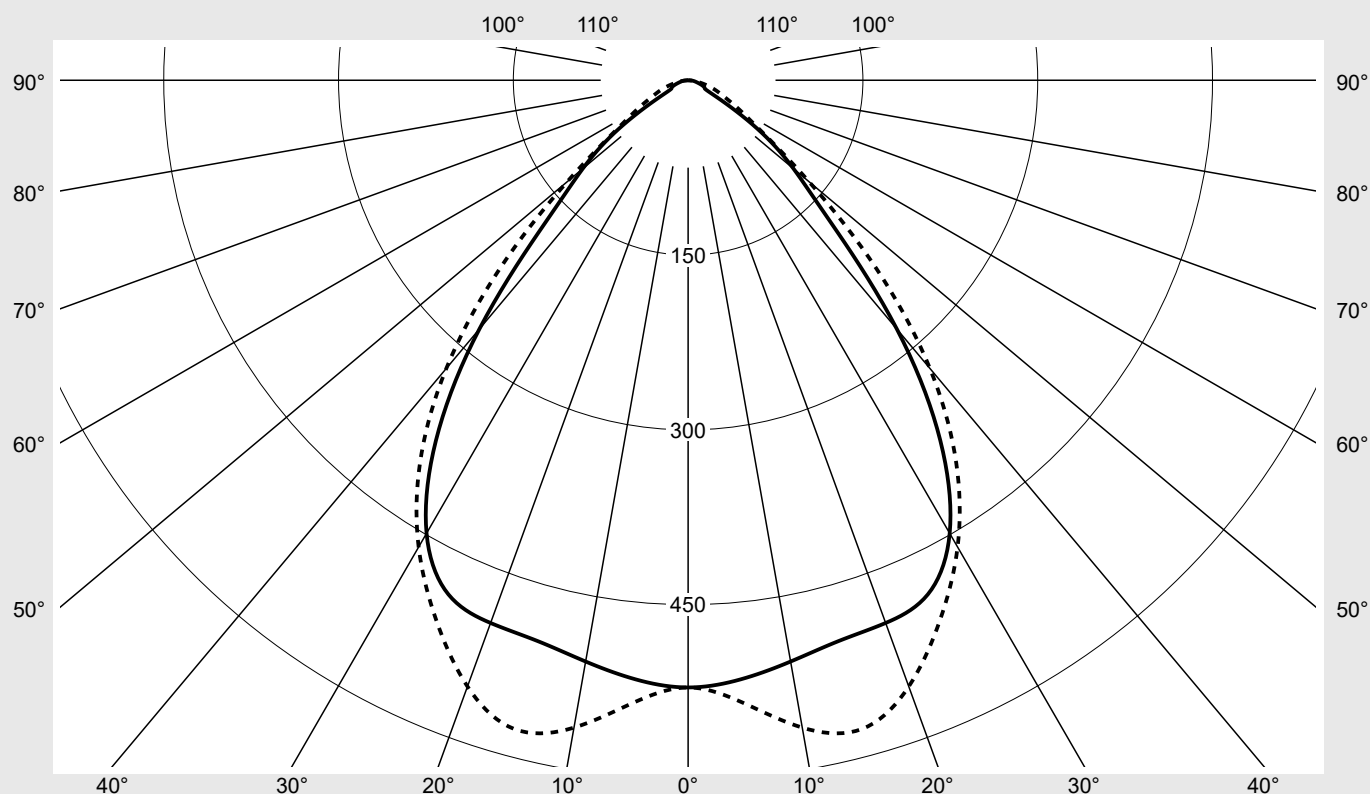
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Lichtstärke in cd/klm

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° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	Phi-Zone	Summe Phi-Zone
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									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	17,3	18,7	17,7	19,0	19,4	17,9	19,3	18,3	19,6	20,0
	3H	17,3	18,5	17,7	18,9	19,2	18,1	19,4	18,5	19,7	20,1
	4H	17,3	18,4	17,7	18,8	19,2	18,3	19,4	18,7	19,8	20,1
	6H	17,3	18,3	17,7	18,7	19,1	18,3	19,4	18,8	19,8	20,1
	8H	17,3	18,3	17,8	18,7	19,1	18,4	19,3	18,8	19,7	20,1
	12H	17,3	18,2	17,8	18,6	19,0	18,4	19,3	18,8	19,7	20,1
4H	2H	17,4	18,5	17,8	18,9	19,3	17,9	19,1	18,3	19,4	19,8
	3H	17,4	18,3	17,8	18,7	19,1	18,2	19,2	18,7	19,6	20,0
	4H	17,4	18,2	17,8	18,6	19,1	18,4	19,2	18,8	19,7	20,1
	6H	17,4	18,1	17,9	18,6	19,0	18,5	19,3	19,0	19,7	20,2
	8H	17,4	18,1	17,9	18,5	19,0	18,6	19,2	19,0	19,7	20,1
	12H	17,5	18,0	17,9	18,5	19,0	18,6	19,2	19,1	19,6	20,1
8H	4H	17,3	18,0	17,8	18,4	18,9	18,3	19,0	18,8	19,4	19,9
	6H	17,4	17,9	17,9	18,4	18,9	18,5	19,0	19,0	19,5	20,0
	8H	17,4	17,9	17,9	18,4	18,9	18,5	19,0	19,0	19,5	20,0
	12H	17,5	17,8	18,0	18,3	18,9	18,6	18,9	19,1	19,4	20,0
12H	4H	17,4	17,9	17,8	18,4	18,9	18,3	18,9	18,8	19,3	19,8
	6H	17,4	17,8	17,9	18,3	18,8	18,5	18,9	19,0	19,4	19,9
	8H	17,4	17,8	17,9	18,3	18,8	18,5	18,9	19,0	19,4	19,9

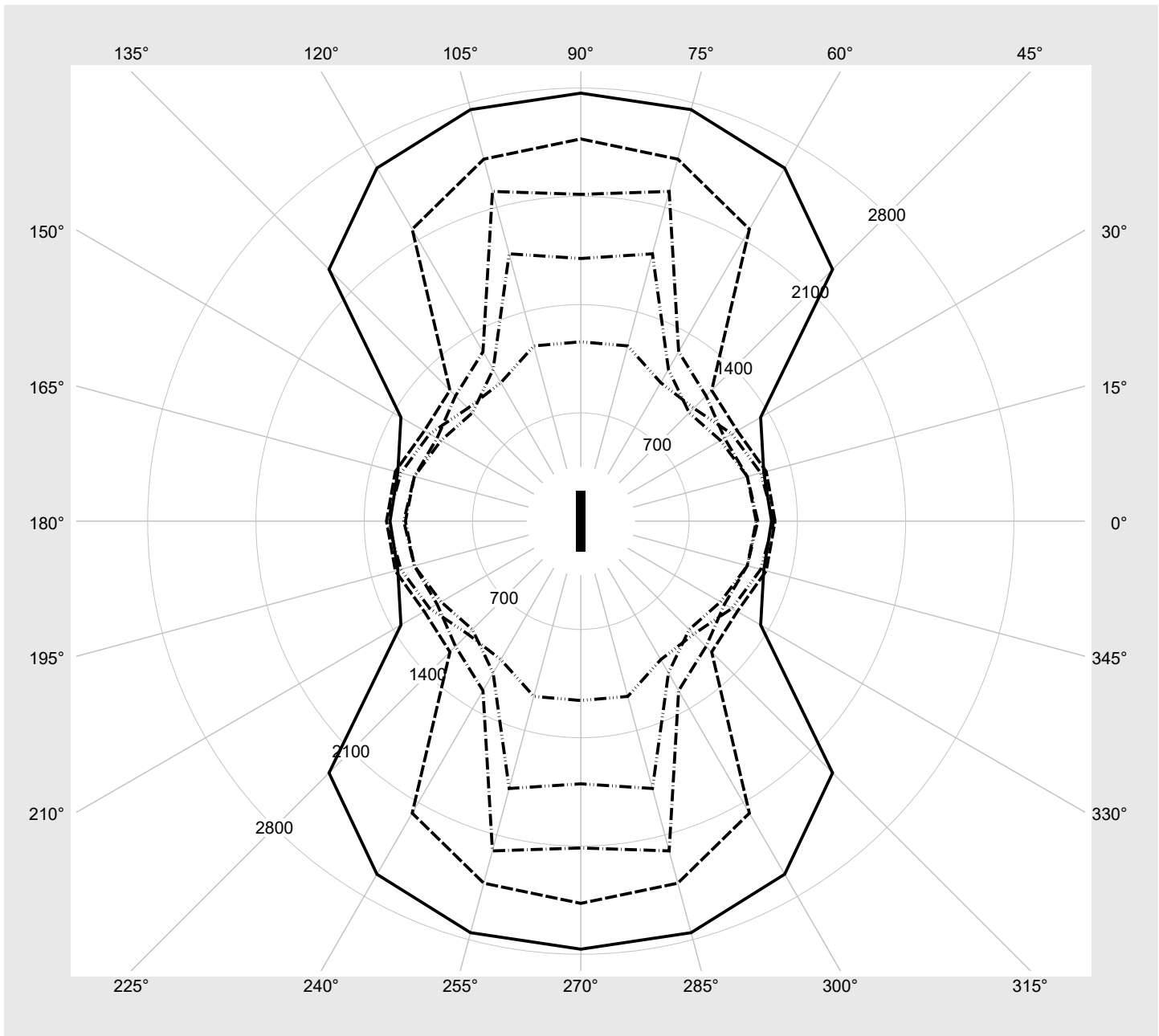
Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 925 B = 111
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C-Ebenen	γ	Leuchtdichte in cd/m ²						
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
45°		8221.9	9191.1	10875.0	12827.7	12353.3	11078.6	10754.9
50°		6118.9	6616.4	7003.2	8724.3	8321.1	7225.9	7015.3
55°		4208.0	4635.0	5162.4	5377.0	4763.8	4527.9	4510.3
60°		1680.5	1825.6	2734.4	3834.1	3259.4	3417.2	3420.4
65°		1233.2	1224.4	1342.6	2302.0	2635.8	2754.4	2767.1
70°		1256.1	1241.0	1168.2	1196.4	2179.8	2423.0	2471.0
75°		1133.8	1114.1	1073.1	1145.4	1265.0	2206.9	2112.8
80°		1144.2	1114.3	1043.1	990.7	1133.3	1789.3	1698.2
85°		1248.6	1204.2	1128.2	1032.6	1033.8	1172.9	1159.5

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



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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	3420	22.2
95	241	252	3252	21.3
90	228	250	3084	20.0
85	214	248	2901	18.9
80	201	245	2731	17.7
75	188	243	2560	16.7
70	175	240	2389	15.6
65	163	238	2229	14.6
60	150	235	2056	13.6
55	137	231	1882	12.5
50	124	228	1707	11.5
45	112	224	1545	10.6
40	99	219	1369	9.4
35	86	214	1191	8.5
30	74	209	1027	7.5
25	61	202	848	6.5
20	49	194	683	5.6
15	37	183	517	4.6
10	24	168	336	3.7
5	12	142	169	2.8
2	6	117	85	2.0