

Lichttechnischer Prüfbefund

Familie
Taris®

Bestell-Nr.: 5MT217703WD
EAN: 4058352219201

LP-Nummer
58212_16



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

Bestückung LED 3000 K | CRI ≥ 80

Betriebsgerät EVG

Bemessungswerte Nettolichtstrom = 5700 lm
Systemleistung = 37.0 W
Lichtausbeute = 154.1 lm/W

Seriendokumentation
16.11.2020

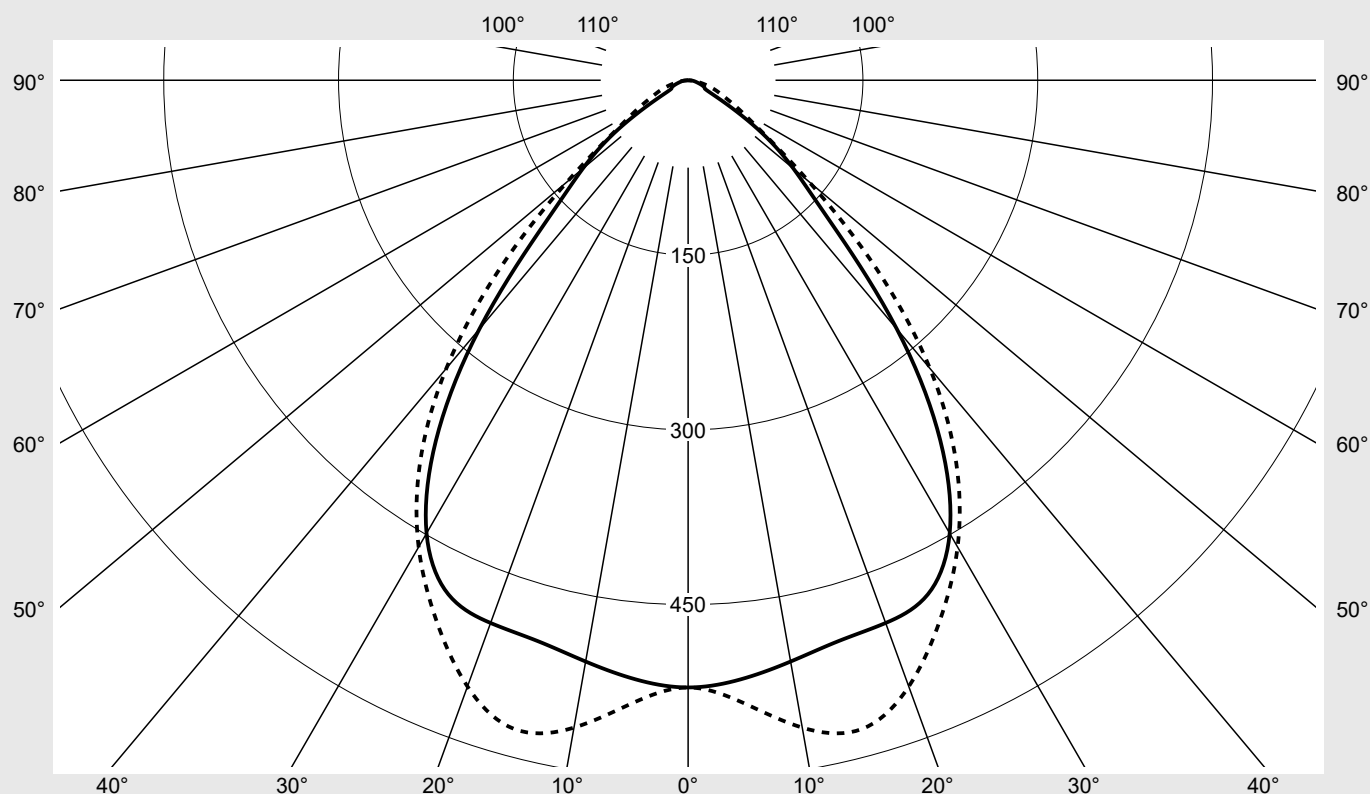
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Lichtstärke in cd/klm

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°	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	18,9	17,8	19,2	19,5	18,0	19,4	18,4	19,8	20,1
	3H	17,4	18,7	17,8	19,0	19,4	18,3	19,5	18,7	19,9	20,2
	4H	17,4	18,6	17,8	18,9	19,3	18,4	19,5	18,8	19,9	20,3
	6H	17,4	18,5	17,8	18,8	19,2	18,5	19,5	18,9	19,9	20,3
	8H	17,5	18,4	17,9	18,8	19,2	18,5	19,5	19,0	19,9	20,3
	12H	17,5	18,4	17,9	18,7	19,2	18,5	19,4	19,0	19,8	20,2
4H	2H	17,5	18,7	17,9	19,0	19,4	18,1	19,2	18,4	19,6	19,9
	3H	17,5	18,5	17,9	18,8	19,3	18,4	19,3	18,8	19,7	20,1
	4H	17,5	18,4	17,9	18,8	19,2	18,5	19,4	19,0	19,8	20,2
	6H	17,5	18,3	18,0	18,7	19,2	18,7	19,4	19,1	19,8	20,3
	8H	17,5	18,2	18,0	18,7	19,1	18,7	19,3	19,2	19,8	20,3
	12H	17,6	18,1	18,1	18,6	19,1	18,7	19,3	19,2	19,7	20,2
8H	4H	17,5	18,1	17,9	18,6	19,1	18,4	19,1	18,9	19,6	20,0
	6H	17,5	18,0	18,0	18,5	19,0	18,6	19,1	19,1	19,6	20,1
	8H	17,5	18,0	18,0	18,5	19,0	18,6	19,1	19,1	19,6	20,1
	12H	17,6	18,0	18,1	18,5	19,0	18,7	19,1	19,2	19,6	20,1
12H	4H	17,5	18,0	18,0	18,5	19,0	18,4	19,0	18,9	19,5	20,0
	6H	17,5	18,0	18,0	18,4	19,0	18,6	19,0	19,1	19,5	20,1
	8H	17,5	17,9	18,1	18,4	19,0	18,6	19,0	19,2	19,5	20,1

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°		8524.2	9529.0	11274.8	13299.3	12807.4	11485.9	11150.3
50°		6343.9	6859.6	7260.7	9045.1	8627.0	7491.5	7273.2
55°		4362.7	4805.4	5352.2	5574.7	4938.9	4694.3	4676.1
60°		1742.3	1892.7	2834.9	3975.1	3379.2	3542.8	3546.1
65°		1278.6	1269.4	1392.0	2386.6	2732.7	2855.6	2868.9
70°		1302.3	1286.7	1211.1	1240.4	2259.9	2512.1	2561.8
75°		1175.5	1155.1	1112.5	1187.5	1311.5	2288.0	2190.5
80°		1186.3	1155.2	1081.5	1027.2	1174.9	1855.1	1760.6
85°		1294.5	1248.5	1169.7	1070.6	1071.8	1216.0	1202.2

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Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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