

Lichttechnischer Prüfbefund

Familie
Taris®

Bestell-Nr.: 5MT217D03WD
EAN: 4058352219225

LP-Nummer
58212_18



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

Bestückung LED 3000 K | CRI ≥ 80

Betriebsgerät EVG-DALI

Bemessungswerte
Nettolichtstrom = 5700 lm
Systemleistung = 35.9 W
Lichtausbeute = 158.8 lm/W

Seriendokumentation
16.11.2020

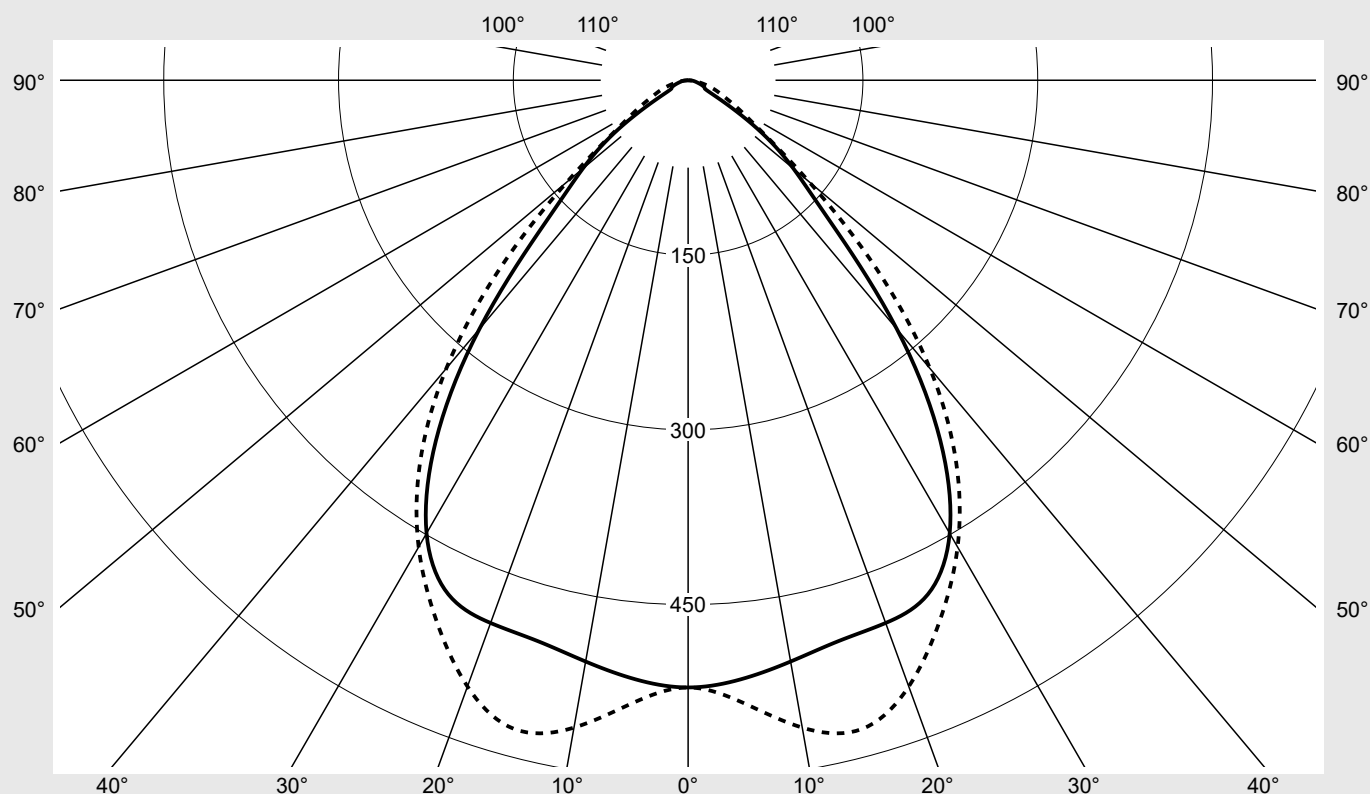
siteco

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

η_{LB} 100,0%
 ϕ_u 100,0%
 ϕ_o 0,0%

Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie Taris®	Bestell-Nr.: 5MT217D03WD EAN: 4058352219225	LP-Nummer 58212_18
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

Lichttechnischer Prüfbefund

Familie Taris®	Bestell-Nr.: 5MT217D03WD EAN: 4058352219225	LP-Nummer 58212_18
--------------------------	--	------------------------------

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
------------------------------	---------------------------------	------------------------------------	---------------------

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

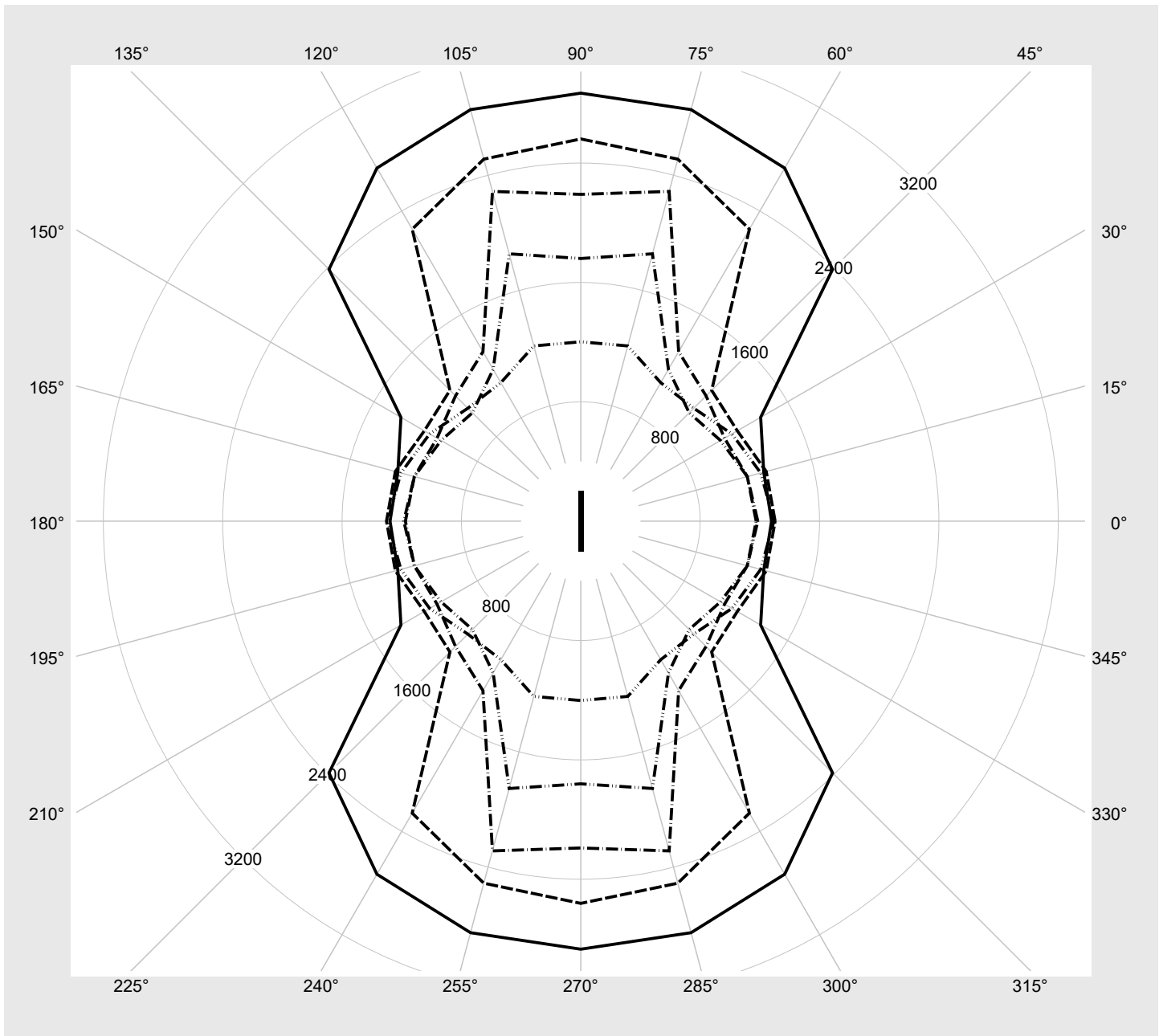
Lichttechnischer Prüfbefund

Familie Taris®	Bestell-Nr.: 5MT217D03WD EAN: 4058352219225	LP-Nummer 58212_18
--------------------------	--	------------------------------

Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
--------------	--------------	--------------	--------------	--------------

siteco



Lichttechnischer Prüfbefund

Familie Taris®	Bestell-Nr.: 5MT217D03WD EAN: 4058352219225	LP-Nummer 58212_18
--------------------------	--	-------------------------------------

Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	sITeco
---------------------------	---------------------------	---------------

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	5700	35.9
95	241	252	5421	34.1
90	228	250	5139	32.2
85	214	248	4835	30.2
80	201	245	4552	28.5
75	188	243	4266	26.6
70	175	240	3981	24.9
65	163	238	3716	23.3
60	150	235	3427	21.4
55	137	231	3137	19.6
50	124	228	2846	17.8
45	112	224	2576	16.3
40	99	219	2283	14.5
35	86	214	1984	12.7
30	74	209	1711	11.2
25	62	202	1436	9.8
20	49	194	1138	8.0
15	37	183	861	6.5
10	24	168	560	4.9
5	12	142	281	3.5
2	6	117	141	3.0