

## Photometric test report

Family  
Taris®

Order number: 51MT1LV0JHGDDB02  
EAN: 4058352219447

LP number  
58112\_26



**Version** recessed luminaire for lay-in mounting,  
Combined lens and reflector optics, UGR≤19  
(L65≤3000cd/m<sup>2</sup>)

**Lamps** LED 4000 K | CRI ≥ 80

**Controlgear** ECG

**Rated values** Net luminous flux = 4620 lm  
Power consumption = 31.1 W  
Luminous efficacy = 148.6 lm/W

serial  
documentation  
16.11.2020

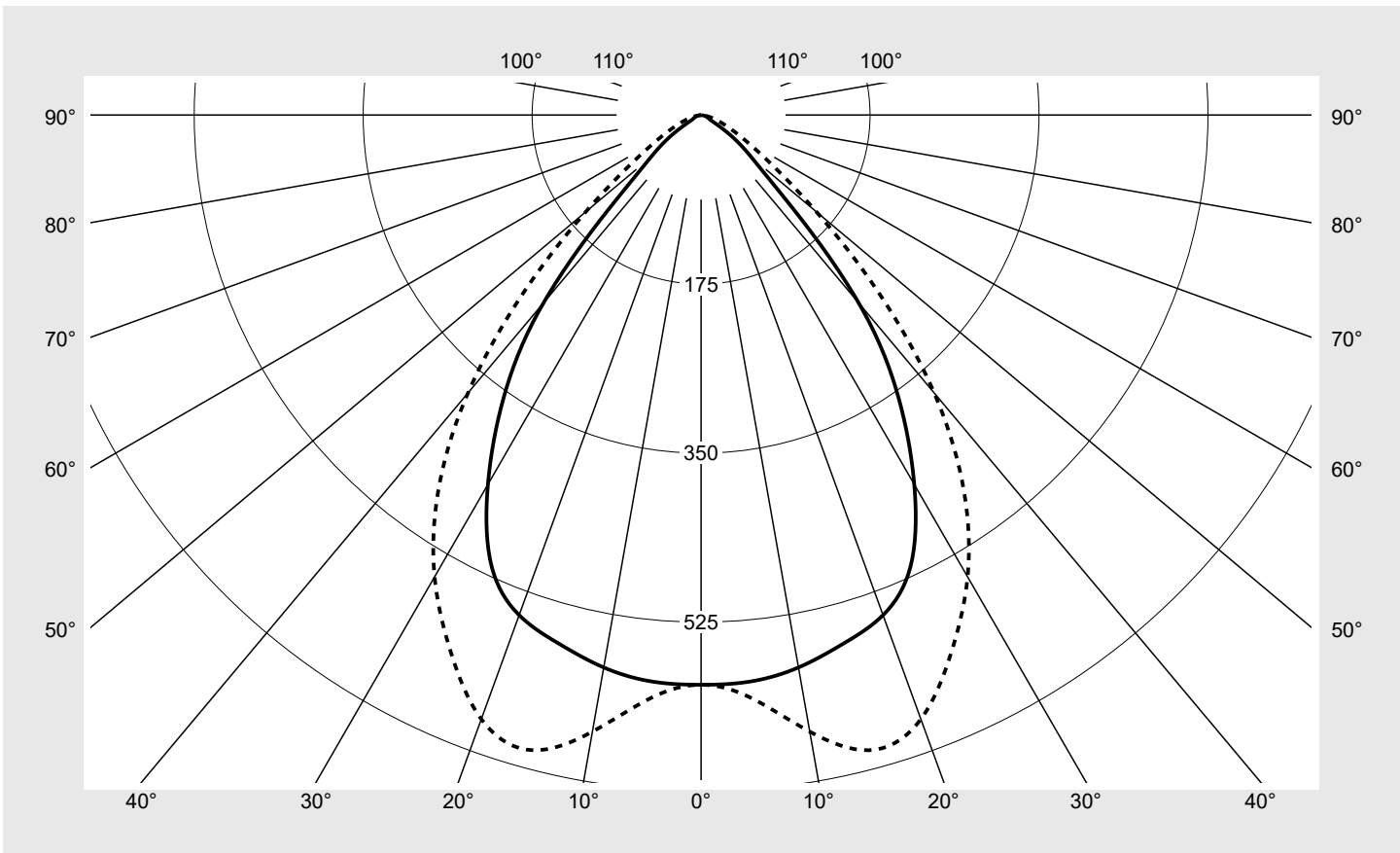
sitEco

Luminous intensity in cd/klm

C180-0

C270-90

Imax: 681 cd/klm



#### Classifications

DIN 5040 A 6 0  
CIE N1=79 N2=97 N3=100  
N4=100 N5=100

#### Luminaire light output ratios

$\eta_{LB}$  100.0%  
 $\phi_u$  100.0%  
 $\phi_o$  0.0%

#### Measurement conditions

DIN EN 13032 and DIN 5032

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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>sITeco</b>

C-planes $\gamma$	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-zone	Total Phi-zone
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			
Luminous intensity in cd/klm							Luminous flux in lm/klm		
0°	589.9	589.9	589.9	589.9	589.9	589.9	589.9	3.5	3.5
5°	588.7	589.0	592.1	596.9	601.1	606.4	606.3	28.5	32.1
10°	580.8	584.8	599.2	616.6	632.8	645.8	648.3	58.6	90.7
15°	567.0	574.3	602.6	635.5	662.1	678.0	680.7	89.3	179.9
20°	551.0	554.8	587.3	624.4	654.1	665.4	665.6	115.4	295.4
25°	514.2	525.6	561.3	575.5	595.4	611.3	613.5	132.5	427.9
30°	441.6	477.7	526.4	513.0	520.7	546.4	552.1	140.7	568.6
35°	356.1	390.2	427.9	438.7	434.5	464.3	474.5	134.7	703.4
40°	254.0	278.7	312.5	330.4	326.6	358.4	375.6	112.8	816.2
45°	125.3	144.2	184.1	221.0	208.9	235.0	260.2	76.6	892.8
50°	68.1	75.9	88.8	113.1	112.9	130.9	156.0	44.3	937.2
55°	40.1	49.3	51.7	56.7	60.1	72.8	89.4	26.6	963.8
60°	15.6	16.8	22.5	34.4	35.9	44.2	53.6	14.9	978.7
65°	9.0	9.2	10.4	17.0	24.2	28.8	33.5	9.2	987.8
70°	6.7	6.6	6.6	7.5	14.8	18.9	20.8	5.9	993.7
75°	4.7	4.7	4.6	4.7	6.2	12.0	12.2	3.6	997.3
80°	3.0	3.0	2.9	2.9	3.1	5.5	5.7	1.9	999.2
85°	1.5	1.4	1.4	1.4	1.4	1.5	1.4	0.8	1000.0
90°	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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<b>UGR-Table</b>	<b>Standard room</b>	<b>siteco</b>
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Reflection factor of ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
Reflection factor of walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
Reflection factor of floor	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	View crosswise (C0)					View endwise (C90)					
x	y										
2H	2H	16.2	17.6	16.6	17.9	18.2	18.1	19.5	18.5	19.8	20.1
	3H	16.1	17.3	16.5	17.7	18.0	18.3	19.5	18.7	19.8	20.1
	4H	16.1	17.2	16.5	17.6	17.9	18.3	19.4	18.7	19.8	20.1
	6H	16.0	17.1	16.5	17.4	17.8	18.3	19.3	18.7	19.7	20.1
	8H	16.1	17.0	16.5	17.4	17.8	18.4	19.2	18.8	19.6	20.0
	12H	16.1	16.9	16.5	17.3	17.7	18.4	19.2	18.8	19.5	20.0
4H	2H	16.2	17.3	16.6	17.6	18.0	18.0	19.1	18.4	19.5	19.8
	3H	16.1	17.0	16.5	17.4	17.8	18.2	19.1	18.6	19.5	19.9
	4H	16.1	16.9	16.5	17.3	17.7	18.2	19.0	18.7	19.5	19.9
	6H	16.0	16.7	16.5	17.2	17.6	18.3	19.0	18.7	19.4	19.9
	8H	16.0	16.6	16.5	17.1	17.6	18.3	18.9	18.7	19.3	19.8
	12H	16.0	16.5	16.5	17.0	17.5	18.3	18.8	18.8	19.2	19.7
8H	4H	16.0	16.6	16.5	17.1	17.5	18.1	18.8	18.6	19.2	19.7
	6H	16.0	16.5	16.5	16.9	17.5	18.2	18.7	18.7	19.1	19.7
	8H	15.9	16.4	16.4	16.9	17.4	18.1	18.6	18.7	19.1	19.6
	12H	15.9	16.3	16.5	16.8	17.3	18.1	18.5	18.7	19.0	19.5
12H	4H	16.0	16.5	16.5	17.0	17.5	18.1	18.7	18.6	19.1	19.6
	6H	16.0	16.4	16.5	16.9	17.4	18.1	18.6	18.6	19.0	19.6
	8H	15.9	16.3	16.4	16.8	17.3	18.1	18.5	18.6	19.0	19.5

<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	<b>Photometric dimensions in mm:</b>	<b>L = 368</b> <b>B = 333</b>
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C-planes	$\gamma$	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
			Luminance in cd/m²					
45°		6679.6	7687.1	9816.7	11783.5	11140.5	12530.9	13874.9
50°		3993.3	4452.2	5208.3	6633.3	6622.8	7675.0	9149.1
55°		2634.7	3242.1	3398.9	3727.4	3951.3	4783.3	5874.3
60°		1173.2	1269.9	1698.0	2593.1	2708.2	3331.7	4043.2
65°		804.6	818.6	929.1	1514.0	2159.6	2565.8	2990.3
70°		741.4	727.6	730.1	821.7	1634.3	2085.9	2293.7
75°		691.6	683.0	665.5	679.8	903.0	1752.1	1774.2
80°		658.3	640.5	621.6	619.2	670.0	1188.9	1229.1
85°		634.6	622.9	603.9	599.1	620.3	634.6	592.2

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**Luminance values in cd/m<sup>2</sup>**     γ 65°   γ 70°   γ 75°   γ 80°   γ 85°     **siteco**

