

Photometric test report

Family DUS® 31	Order number: 53BD812CV675C2 EAN: 4069025185877	LP number 59594_89
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes γ	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	Total Phi-zone
0°	293.1	293.1	293.1	293.1	293.1	293.1	293.1	1.8	1.8
5°	296.1	295.6	293.1	293.6	293.8	293.0	292.9	14.0	15.8
10°	296.3	296.3	293.6	293.6	292.6	289.9	288.9	27.9	43.7
15°	290.3	290.9	288.4	289.1	288.3	284.2	281.9	40.8	84.5
20°	287.9	288.2	282.8	281.1	280.6	275.9	272.2	52.8	137.3
25°	291.3	290.8	281.6	274.0	270.0	264.7	259.4	64.0	201.2
30°	299.8	298.4	283.7	269.7	258.3	250.5	243.7	74.6	275.8
35°	307.3	306.0	288.6	266.7	246.6	233.7	225.0	84.2	360.1
40°	297.5	299.0	287.4	263.1	235.0	215.2	204.3	91.1	451.1
45°	263.6	268.2	268.7	253.4	221.8	194.2	181.1	92.3	543.4
50°	218.1	223.5	232.0	231.1	204.9	171.7	156.1	87.5	630.9
55°	172.9	177.3	186.9	195.4	181.1	147.5	130.2	77.8	708.7
60°	132.3	135.3	142.3	152.9	149.4	121.4	104.1	64.8	773.5
65°	98.5	100.2	104.0	112.2	114.5	94.5	79.4	50.9	824.4
70°	71.4	72.6	74.4	79.3	82.2	69.0	57.1	37.9	862.3
75°	51.0	51.6	52.9	55.5	55.9	46.4	37.5	27.0	889.4
80°	39.4	39.1	38.7	38.1	35.5	27.5	20.9	18.8	908.2
85°	32.8	32.1	30.1	26.5	21.0	13.7	8.3	13.1	921.3
90°	27.7	27.1	24.5	19.3	12.6	5.6	0.8	9.4	930.7
95°	24.8	24.4	22.4	17.8	11.6	5.3	0.8	8.6	939.3
100°	22.5	22.2	20.5	16.7	11.5	5.5	0.8	7.9	947.2
105°	20.6	20.3	18.7	16.0	11.5	5.9	0.8	7.3	954.6
110°	19.2	18.7	17.6	15.5	11.7	6.3	0.7	6.8	961.4
115°	18.2	17.8	17.0	15.3	12.2	5.8	0.8	6.4	967.8
120°	17.9	17.4	16.9	15.5	12.3	5.3	0.8	6.1	973.9
125°	17.8	17.4	16.9	15.5	11.8	5.2	0.8	5.7	979.6
130°	17.9	17.4	16.8	15.0	10.1	5.0	0.9	5.2	984.7
135°	17.9	17.3	16.2	13.6	8.1	4.3	1.0	4.5	989.2
140°	16.9	16.0	14.5	11.2	6.7	3.5	1.1	3.6	992.8
145°	14.9	14.0	12.0	8.5	5.5	2.8	1.2	2.7	995.4
150°	11.8	10.8	9.0	6.5	4.7	2.2	1.4	1.8	997.3
155°	8.6	8.1	7.0	5.2	4.0	1.7	1.5	1.2	998.5
160°	6.8	6.5	5.3	4.3	3.2	1.5	1.5	0.8	999.2
165°	5.5	5.3	3.9	3.4	2.1	1.6	1.6	0.5	999.7
170°	3.8	3.1	2.5	2.0	1.6	1.6	1.6	0.2	999.9
175°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.1	1000.0
180°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.0	1000.0

Photometric test report

Family DUS® 31	Order number: 53BD812CV675C2 EAN: 4069025185877	LP number 59594_89
--------------------------	--	------------------------------

UGR-Table	Standard room	siteco
------------------	----------------------	---------------

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	21.9	23.6	22.2	23.9	24.2	21.7	23.4	22.0	23.7	24.0
	3H	22.7	24.3	23.1	24.6	24.9	22.8	24.3	23.2	24.7	25.0
	4H	23.1	24.5	23.4	24.8	25.2	23.2	24.6	23.6	25.0	25.4
	6H	23.3	24.7	23.8	25.0	25.4	23.4	24.8	23.9	25.2	25.5
	8H	23.5	24.8	23.9	25.1	25.5	23.5	24.8	24.0	25.2	25.6
	12H	23.7	24.8	24.1	25.2	25.6	23.6	24.8	24.0	25.2	25.6
4H	2H	22.5	24.0	22.9	24.3	24.7	22.4	23.8	22.8	24.2	24.6
	3H	23.5	24.8	23.9	25.1	25.5	23.7	25.0	24.2	25.4	25.8
	4H	23.9	25.0	24.4	25.4	25.9	24.3	25.4	24.7	25.8	26.2
	6H	24.3	25.3	24.8	25.7	26.2	24.6	25.6	25.1	26.0	26.5
	8H	24.5	25.4	25.0	25.9	26.3	24.7	25.6	25.2	26.1	26.5
	12H	24.8	25.6	25.3	26.0	26.5	24.8	25.6	25.3	26.1	26.5
8H	4H	24.2	25.1	24.7	25.5	26.0	24.5	25.4	25.0	25.8	26.3
	6H	24.7	25.5	25.2	25.9	26.4	25.0	25.7	25.5	26.2	26.7
	8H	25.0	25.7	25.5	26.1	26.6	25.1	25.8	25.6	26.3	26.8
	12H	25.3	25.9	25.8	26.4	26.9	25.3	25.8	25.8	26.3	26.9
12H	4H	24.2	25.0	24.7	25.5	26.0	24.5	25.3	25.0	25.8	26.3
	6H	24.8	25.4	25.3	25.9	26.4	25.1	25.7	25.6	26.2	26.7
	8H	25.1	25.7	25.6	26.2	26.7	25.3	25.8	25.8	26.3	26.9

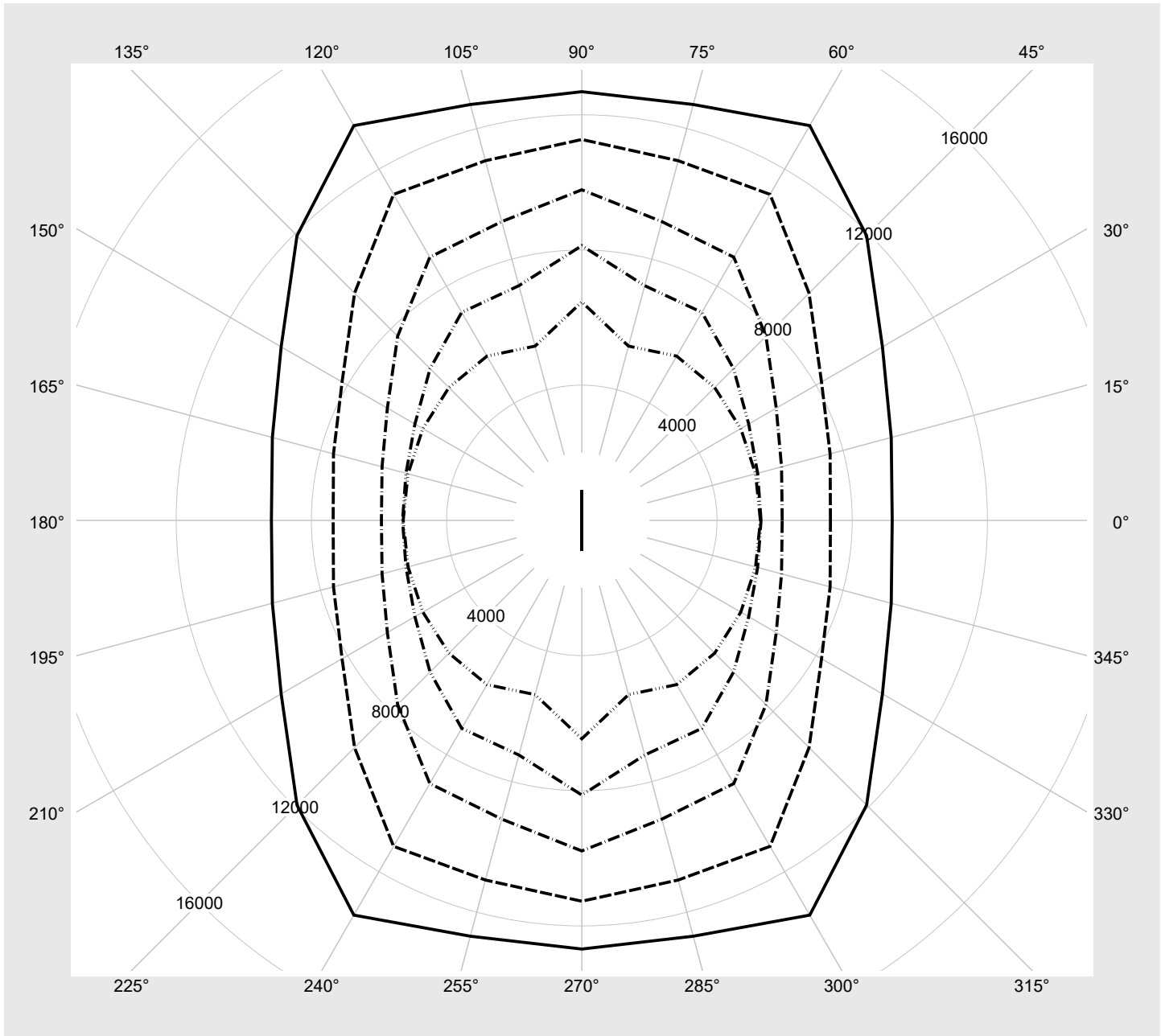
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1514	H(C0) = 25	H(C180) = 25
			B = 75	H(C90) = 0	H(C270) = 0

C-planes	γ	Luminance 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°	18887.4	19383.0	19918.7	19588.2	18163.8	17079.3	17301.9	
	50°	16402.0	16971.5	18139.4	18956.5	17959.5	16363.6	16404.2	
	55°	13792.7	14299.4	15583.7	17219.2	17222.3	15468.1	15338.1	
	60°	11331.4	11730.5	12812.4	14667.4	15659.9	14264.3	14069.7	
	65°	9183.0	9477.0	10269.6	11915.0	13487.6	12739.1	12684.8	
	70°	7355.4	7604.9	8189.0	9507.7	11138.1	11017.6	11269.7	
	75°	5928.2	6117.3	6642.2	7705.1	8993.1	9151.9	9781.6	
	80°	5302.5	5384.7	5701.2	6348.4	7106.2	7189.1	8127.9	
	85°	5284.1	5322.1	5430.2	5558.4	5612.1	5338.2	6462.9	

Photometric test report

Family DUS® 31	Order number: 53BD812CV675C2 EAN: 4069025185877	LP number 59594_89
---------------------------------	--	-------------------------------------

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



Photometric test report

Family DUS® 31	Order number: 53BD812CV675C2 EAN: 4069025185877	LP number 59594_89
--------------------------	--	------------------------------

Multilumen Table	environmental temperature: 25°C	siteco
-------------------------	---------------------------------	---------------

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]	Power consumption	Power consumption
	1	2	3			[W] end of lifetime	[W] average
1	A	C	E	7670	42.1	50.4	46.2
2	A	C	F	7080	38.8	46.5	42.6
3	A	D	E	6560	35.8	42.6	39.2
4	A	D	F	6110	33.2	39.6	36.4
5	B	C	E	5500	29.9	35.3	32.6
6	B	C	F	5040	27.4	32.0	29.7
7	B	D	E	4580	24.9	29.0	27.0
8	B	D	F	4030	22.0	25.7	23.8