

Photometric test report

Family DUS® 31	Order number: 53BD811MV6A5C2 EAN: 4069025664839	LP number 59593_68
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes γ	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°	450.4	450.4	450.4	450.4	450.4	450.4	450.4	2.7	2.7
5°	434.8	434.4	434.2	439.8	445.7	448.7	450.2	21.1	23.8
10°	387.7	390.2	396.4	411.2	428.2	439.8	444.6	39.4	63.1
15°	329.8	334.4	345.9	370.2	400.2	424.7	434.9	53.4	116.5
20°	278.9	283.9	296.1	324.2	364.7	403.3	420.8	63.2	179.7
25°	239.6	243.9	253.6	279.8	325.0	376.1	401.3	69.5	249.1
30°	209.6	212.8	219.1	240.3	283.9	343.6	376.3	72.7	321.9
35°	186.9	188.8	191.5	205.8	243.8	306.6	344.9	73.5	395.4
40°	173.0	173.1	171.1	177.5	207.0	267.1	308.1	72.6	468.0
45°	169.1	166.9	158.6	155.4	174.1	225.8	265.4	70.9	538.9
50°	171.8	167.4	153.3	140.0	146.6	186.3	219.9	69.2	608.2
55°	169.0	164.3	148.2	128.3	123.8	150.1	175.1	66.4	674.5
60°	152.5	148.9	135.5	115.0	103.6	117.6	133.2	60.4	734.9
65°	126.3	124.1	114.5	97.6	84.4	89.2	96.9	51.5	786.4
70°	99.0	97.7	90.6	78.2	65.9	64.8	67.1	41.2	827.6
75°	76.1	75.0	69.7	60.3	49.1	44.1	43.1	31.6	859.2
80°	57.7	56.8	53.2	44.9	34.6	27.3	24.1	23.2	882.4
85°	43.5	42.6	39.5	32.5	22.9	14.7	10.1	16.3	898.6
90°	33.0	32.1	28.8	22.5	14.4	6.3	0.8	11.1	909.7
95°	29.9	28.9	25.8	20.4	13.4	6.1	0.9	10.0	919.7
100°	28.7	27.7	24.5	19.6	13.4	6.3	0.9	9.6	929.3
105°	27.4	26.4	23.6	19.5	13.7	6.7	0.8	9.2	938.4
110°	26.5	25.4	23.3	19.7	14.2	7.2	0.7	8.9	947.3
115°	26.1	25.1	23.5	20.2	14.6	6.8	0.8	8.6	955.9
120°	26.2	25.3	23.9	20.5	14.8	6.4	0.8	8.3	964.2
125°	26.5	25.6	24.0	20.4	14.4	6.3	0.8	7.8	972.0
130°	26.5	25.4	23.5	19.6	12.9	6.2	0.9	7.1	979.0
135°	25.6	24.4	22.2	18.2	10.9	5.6	1.1	6.1	985.2
140°	23.7	22.4	20.1	15.4	9.4	4.6	1.1	4.9	990.1
145°	21.0	19.8	17.0	12.1	7.6	3.5	1.3	3.7	993.8
150°	16.9	15.5	12.9	9.4	6.3	2.5	1.3	2.5	996.4
155°	12.6	11.7	10.1	7.4	5.2	1.9	1.4	1.7	998.0
160°	9.9	9.3	7.5	5.7	3.8	1.6	1.4	1.0	999.1
165°	7.7	7.3	5.1	4.1	2.4	1.5	1.4	0.6	999.7
170°	4.8	3.7	2.7	2.3	1.6	1.5	1.5	0.2	999.9
175°	1.6	1.5	1.5	1.5	1.5	1.5	1.5	0.1	1000.0
180°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0	1000.0

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UGR-Table	Standard room	siteco
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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	22.1	23.8	22.5	24.1	24.4	22.6	24.3	23.0	24.6	24.9
	3H	23.9	25.4	24.3	25.7	26.1	23.9	25.4	24.2	25.7	26.1
	4H	24.6	26.0	25.0	26.3	26.7	24.3	25.7	24.7	26.1	26.4
	6H	25.2	26.5	25.6	26.8	27.2	24.6	25.9	25.0	26.3	26.7
	8H	25.4	26.7	25.9	27.0	27.5	24.8	26.0	25.2	26.4	26.8
	12H	25.7	26.8	26.1	27.2	27.6	24.8	26.0	25.3	26.4	26.8
4H	2H	22.7	24.2	23.1	24.5	24.9	23.1	24.5	23.5	24.9	25.3
	3H	24.7	25.9	25.1	26.3	26.7	24.5	25.7	24.9	26.1	26.5
	4H	25.5	26.6	26.0	27.0	27.5	25.0	26.1	25.5	26.5	27.0
	6H	26.3	27.2	26.7	27.6	28.1	25.5	26.4	25.9	26.9	27.3
	8H	26.6	27.5	27.1	27.9	28.4	25.6	26.5	26.1	26.9	27.4
	12H	26.9	27.7	27.4	28.2	28.6	25.7	26.5	26.2	27.0	27.5
8H	4H	25.8	26.7	26.3	27.1	27.6	25.4	26.2	25.8	26.7	27.2
	6H	26.7	27.4	27.2	27.9	28.4	25.9	26.6	26.4	27.1	27.6
	8H	27.1	27.8	27.6	28.3	28.8	26.1	26.8	26.6	27.3	27.8
	12H	27.6	28.2	28.1	28.6	29.2	26.3	26.9	26.8	27.4	27.9
12H	4H	25.8	26.6	26.3	27.1	27.6	25.4	26.2	25.9	26.7	27.2
	6H	26.8	27.4	27.3	27.9	28.4	26.0	26.7	26.5	27.2	27.7
	8H	27.3	27.8	27.8	28.3	28.9	26.3	26.9	26.8	27.4	27.9

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°		16408.9	16332.3	15925.8	16277.3	19307.4	26902.0	34339.2	
50°		17498.7	17224.7	16233.7	15559.7	17407.4	24052.2	31301.7	
55°		18263.4	17956.0	16745.5	15307.1	15957.1	21317.8	27928.7	
60°		17687.4	17498.9	16528.0	14946.7	14712.7	18716.2	24382.4	
65°		15944.2	15896.8	15307.1	14037.5	13467.1	16296.1	20984.3	
70°		13830.2	13866.4	13512.0	12699.8	12090.5	14010.6	17962.1	
75°		11983.2	12048.7	11865.5	11337.2	10698.6	11806.2	15223.9	
80°		10526.2	10593.7	10625.0	10118.7	9373.3	9675.2	12674.9	
85°		9490.2	9559.6	9655.3	9226.9	8261.2	7785.3	10557.4	

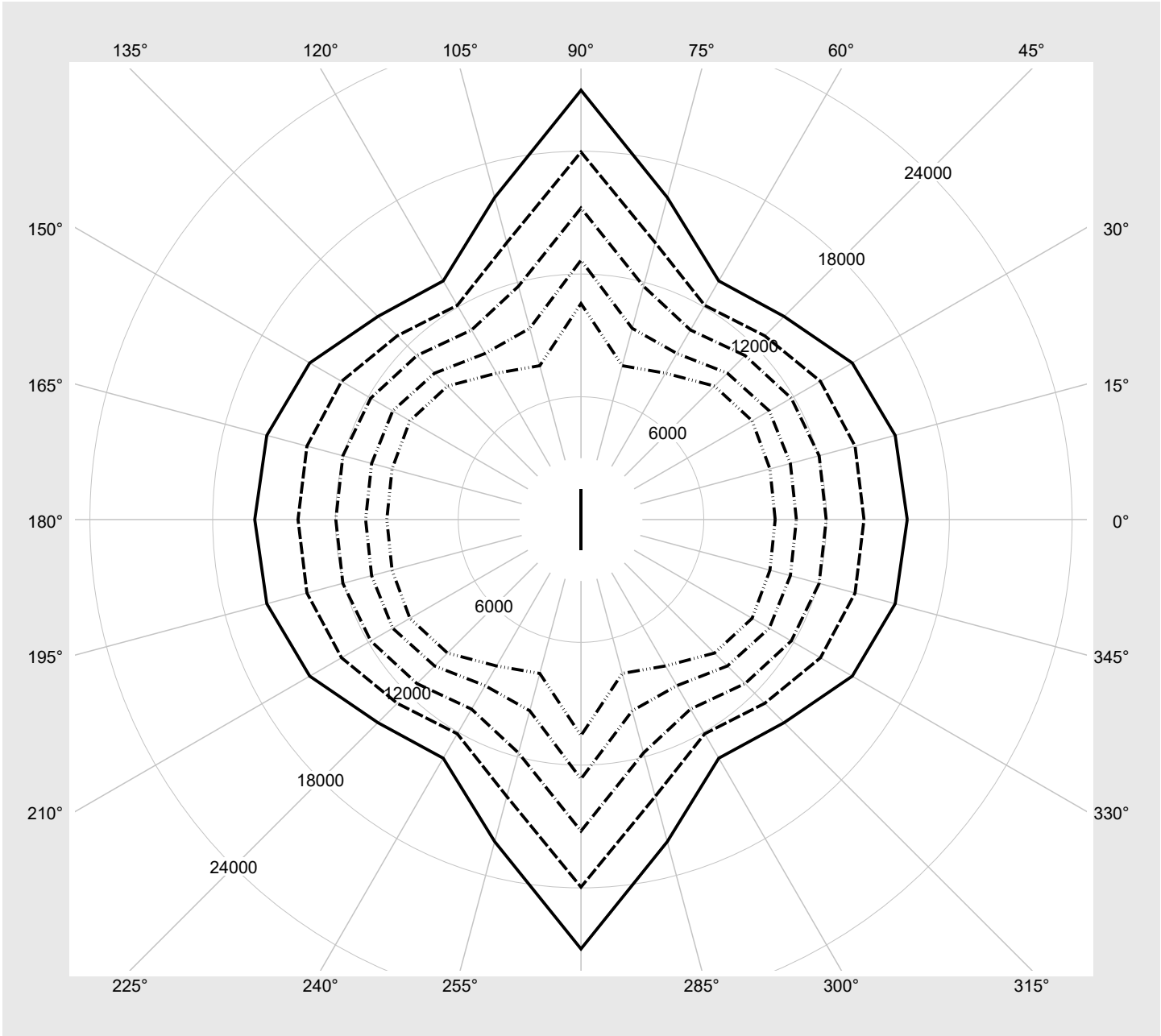
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Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



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Multilumen Table	environmental temperature: 25°C	siteco
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DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	10390	60.4
2	A	C	F	9850	56.9
3	A	D	E	9310	53.4
4	A	D	F	8830	50.4
5	B	C	E	8340	47.4
6	B	C	F	7840	44.3
7	B	D	E	7350	41.3
8	B	D	F	6910	38.7