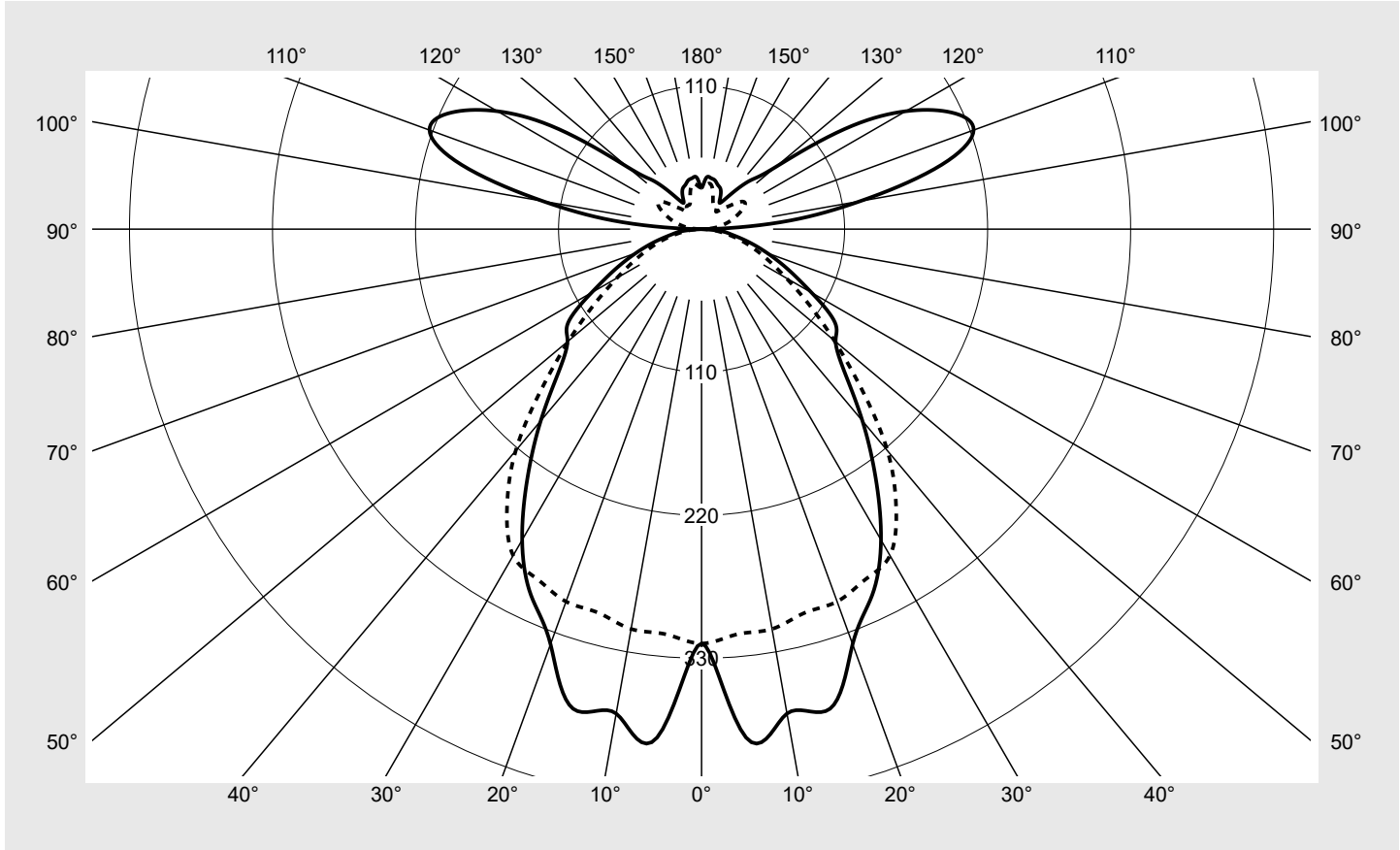


Photometric test report

Family Linear Office VEGA®	Order number: 5MN238DLE0S + 5MN91402 EAN: 4050737963747 + 4050737755007	LP number 56403_10
	Version suspended luminaire, prismatic light guide, direct-/ indirect distribution, 70% passpartout, sensor Master	serial documentation 23.10.2015
	Lamps LED 4000K / CRI ≥ 80	
	Controlgear ECG-DALI	
	Rated values Net luminous flux = 8030 lm Power consumption = 62.0 W Luminous efficacy = 129.5 lm/W	



Luminous intensity in cd/klm C180-0 C270-90 **Imax: 401 cd/klm**



Classifications	
DIN 5040	B 5 1
CIE	N1=61 N2=86 N3=97 N4=71 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	71.0%
ϕ_o	29.0%

Measurement conditions
 DIN EN 13032 and DIN 5032

Photometric test report

Family Linear Office VEGA®	Order number: 5MN238DLE0S + 5MN91402 EAN: 4050737963747 + 4050737755007	LP number 56403_10
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°	318.7	318.7	318.7	318.7	318.7	318.7	318.7	1.9	1.9
5°	392.5	392.7	386.9	364.1	325.2	307.3	312.8	16.9	18.9
10°	378.3	373.0	368.0	380.2	400.7	354.0	312.2	35.2	54.1
15°	381.8	379.2	373.4	357.2	377.9	366.1	305.6	52.0	106.0
20°	339.7	336.6	335.5	336.4	339.1	368.9	304.8	63.7	169.8
25°	310.5	302.7	291.0	290.4	299.8	341.6	297.5	70.6	240.4
30°	276.0	265.3	255.9	243.2	241.7	299.7	289.8	72.6	312.9
35°	233.4	224.2	210.7	204.3	188.2	252.3	260.9	69.5	382.5
40°	192.5	183.2	173.3	163.4	147.5	199.6	222.4	63.1	445.6
45°	155.6	148.4	136.2	125.2	116.2	151.4	174.2	54.4	500.0
50°	134.6	129.3	111.6	98.2	93.1	116.8	133.2	47.8	547.8
55°	125.3	117.4	94.8	76.4	76.4	93.3	100.7	42.8	590.5
60°	97.7	94.1	75.7	59.2	63.0	75.6	75.2	35.9	626.5
65°	73.6	71.7	58.3	45.9	52.1	61.4	56.7	29.4	655.8
70°	53.7	51.4	42.8	34.2	41.2	47.5	41.9	22.7	678.6
75°	36.7	34.6	29.2	23.9	29.8	34.0	29.3	16.3	694.8
80°	23.1	21.1	17.5	14.8	18.6	20.5	17.6	10.2	705.0
85°	11.7	10.5	8.9	7.6	9.5	9.6	8.3	5.1	710.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	710.1
95°	60.9	46.5	24.4	9.7	8.5	8.7	8.4	12.1	722.2
100°	123.9	92.6	46.6	18.8	17.5	17.1	15.4	23.6	745.7
105°	191.1	139.2	72.9	28.0	25.4	25.3	21.8	35.0	780.8
110°	222.7	161.1	83.4	34.0	31.1	31.7	27.8	40.1	820.8
115°	212.2	164.7	81.3	37.2	35.6	35.5	34.0	39.5	860.4
120°	181.3	149.8	66.6	38.0	37.1	36.2	38.7	34.6	895.0
125°	134.1	94.1	48.6	38.4	38.1	37.0	36.8	25.6	920.6
130°	74.1	59.9	43.3	38.4	37.7	34.6	27.7	18.5	939.1
135°	52.9	48.2	42.1	37.4	30.3	27.0	21.8	14.4	953.4
140°	35.1	33.0	26.1	21.9	19.2	19.6	17.5	8.6	962.0
145°	24.6	25.9	23.7	22.9	18.3	20.5	20.1	7.0	969.0
150°	29.1	29.9	29.0	26.6	23.9	24.9	21.1	7.3	976.3
155°	34.3	34.0	31.4	27.4	28.9	29.4	21.3	6.9	983.2
160°	36.3	33.8	29.1	30.8	32.8	33.1	25.6	6.0	989.2
165°	39.0	37.6	36.2	36.1	36.6	36.2	32.3	5.2	994.3
170°	40.0	39.5	38.9	39.0	39.3	37.1	35.6	3.7	998.0
175°	39.4	39.3	38.7	37.5	35.5	33.9	33.4	1.8	999.8
180°	31.8	31.8	31.8	31.8	31.8	31.8	31.8	0.2	1000.0

Photometric test report

Family Linear Office VEGA®	Order number: 5MN238DLE0S + 5MN91402 EAN: 4050737963747 + 4050737755007	LP number 56403_10
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UGR-Table		Standard room									
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	14.8	15.9	15.4	16.6	17.4	13.9	15.0	14.5	15.7	16.5
	3H	16.0	17.0	16.7	17.8	18.6	15.1	16.1	15.8	16.9	17.7
	4H	16.5	17.4	17.2	18.2	19.1	15.6	16.6	16.3	17.3	18.2
	6H	16.9	17.8	17.7	18.5	19.4	16.1	16.9	16.8	17.7	18.5
	8H	17.0	17.7	17.7	18.5	19.5	16.1	16.9	16.8	17.6	18.5
	12H	17.1	17.8	17.9	18.6	19.6	16.2	16.9	17.0	17.7	18.6
4H	2H	14.9	15.9	15.6	16.6	17.5	14.0	15.0	14.8	15.7	16.6
	3H	16.4	17.2	17.1	17.9	18.8	15.5	16.3	16.3	17.1	18.0
	4H	16.9	17.6	17.7	18.4	19.4	16.2	16.9	17.0	17.7	18.6
	6H	17.5	18.1	18.3	18.9	19.9	16.8	17.4	17.6	18.2	19.2
	8H	17.6	18.1	18.4	19.0	20.0	16.9	17.4	17.7	18.2	19.2
	12H	17.8	18.3	18.7	19.1	20.1	17.1	17.5	17.9	18.4	19.4
8H	4H	17.0	17.5	17.8	18.3	19.3	16.2	16.8	17.0	17.6	18.6
	6H	17.6	18.0	18.4	18.9	19.9	16.8	17.3	17.7	18.1	19.2
	8H	17.8	18.2	18.7	19.1	20.1	17.2	17.6	18.0	18.4	19.5
	12H	18.1	18.5	19.0	19.3	20.4	17.5	17.8	18.3	18.6	19.7
12H	4H	17.0	17.5	17.9	18.3	19.3	16.3	16.7	17.1	17.5	18.6
	6H	17.6	18.0	18.5	18.9	19.9	16.9	17.3	17.8	18.2	19.2
	8H	17.9	18.2	18.8	19.1	20.2	17.3	17.6	18.1	18.4	19.5

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 1250 B = 350		
C-planes	γ	0°	15°	30°	45°	60°	75°	90°
		180°	165°	150°	135°	120°	105°	90°
		195°	195°	210°	225°	240°	255°	270°
		345°	345°	330°	315°	300°	285°	
		Luminance in cd/m ²						
45°		4038.4	3851.3	3536.6	3250.7	3017.4	3929.8	4522.6
50°		3843.6	3692.5	3187.6	2803.1	2659.7	3334.8	3802.9
55°		4008.2	3755.7	3033.8	2445.3	2444.3	2985.9	3222.4
60°		3587.0	3455.5	2778.0	2173.5	2313.6	2774.1	2760.3
65°		3194.5	3114.4	2533.4	1994.5	2263.2	2665.9	2463.8
70°		2881.9	2756.0	2298.7	1834.6	2210.7	2547.3	2250.4
75°		2603.5	2450.4	2073.6	1697.9	2114.6	2410.0	2074.3
80°		2446.8	2227.0	1851.9	1562.2	1966.3	2168.6	1858.7
85°		2456.6	2218.6	1866.1	1590.8	2005.0	2026.5	1743.1

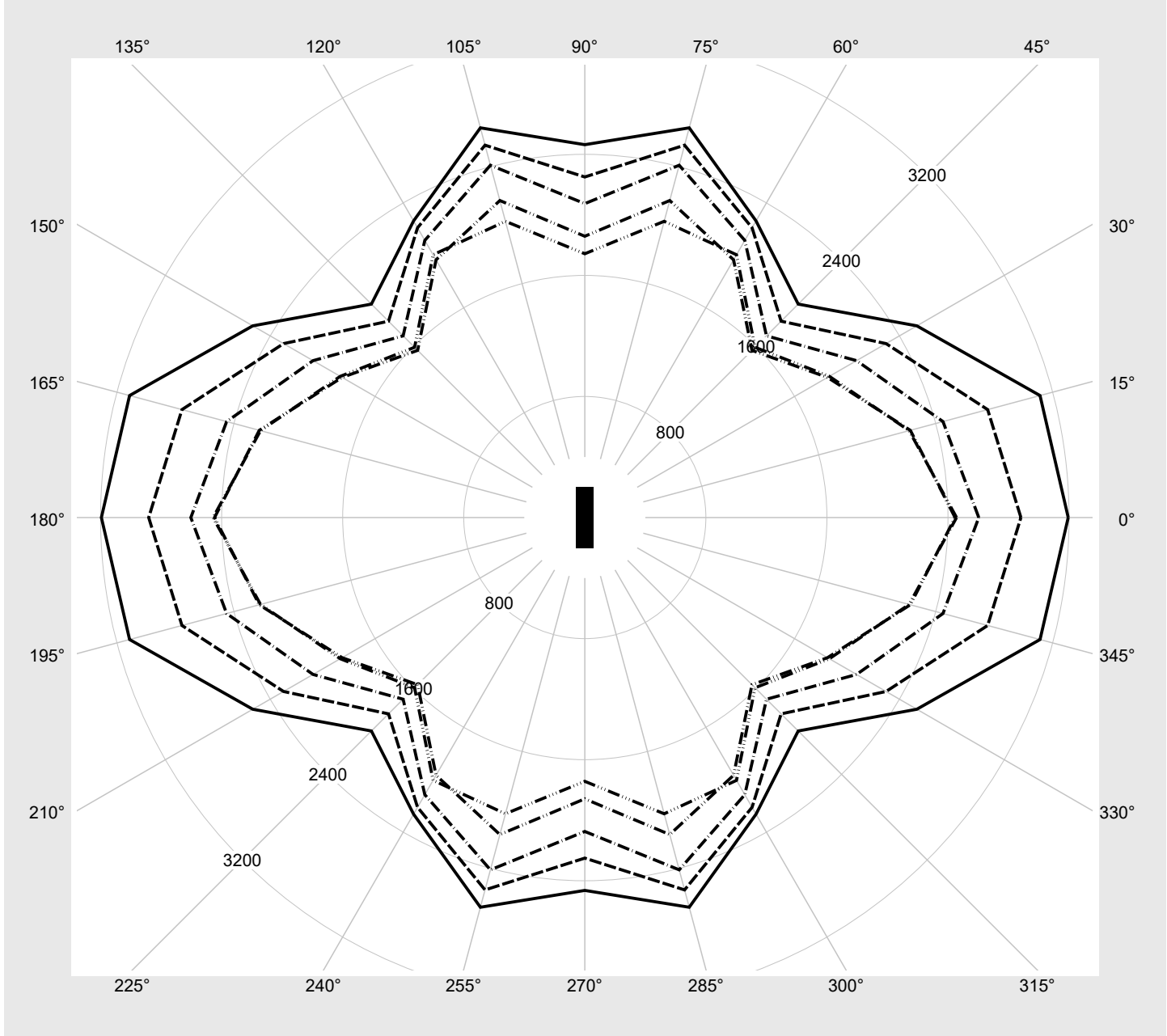
Photometric test report

Family Linear Office VEGA®	Order number: 5MN238DLE0S + 5MN91402 EAN: 4050737963747 + 4050737755007	LP number 56403_10
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Luminance values in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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Photometric test report

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Dimming levels table	environmental temperature: 25°C	siteco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	8030	62.0
95	240	252	7628	58.4
90	228	250	7227	55.2
85	215	248	6826	52.0
80	201	245	6424	48.7
75	188	243	6022	45.4
70	175	240	5621	42.0
65	162	237	5220	39.0
60	149	234	4818	36.1
55	137	231	4416	33.3
50	124	228	4015	30.4
45	111	224	3614	27.3
40	99	220	3212	24.2
35	86	215	2810	21.5
30	73	210	2409	18.5
25	61	204	2008	15.9
20	48	197	1606	13.2
15	36	188	1204	10.3
10	24	177	803	7.6
5	12	162	402	5.0