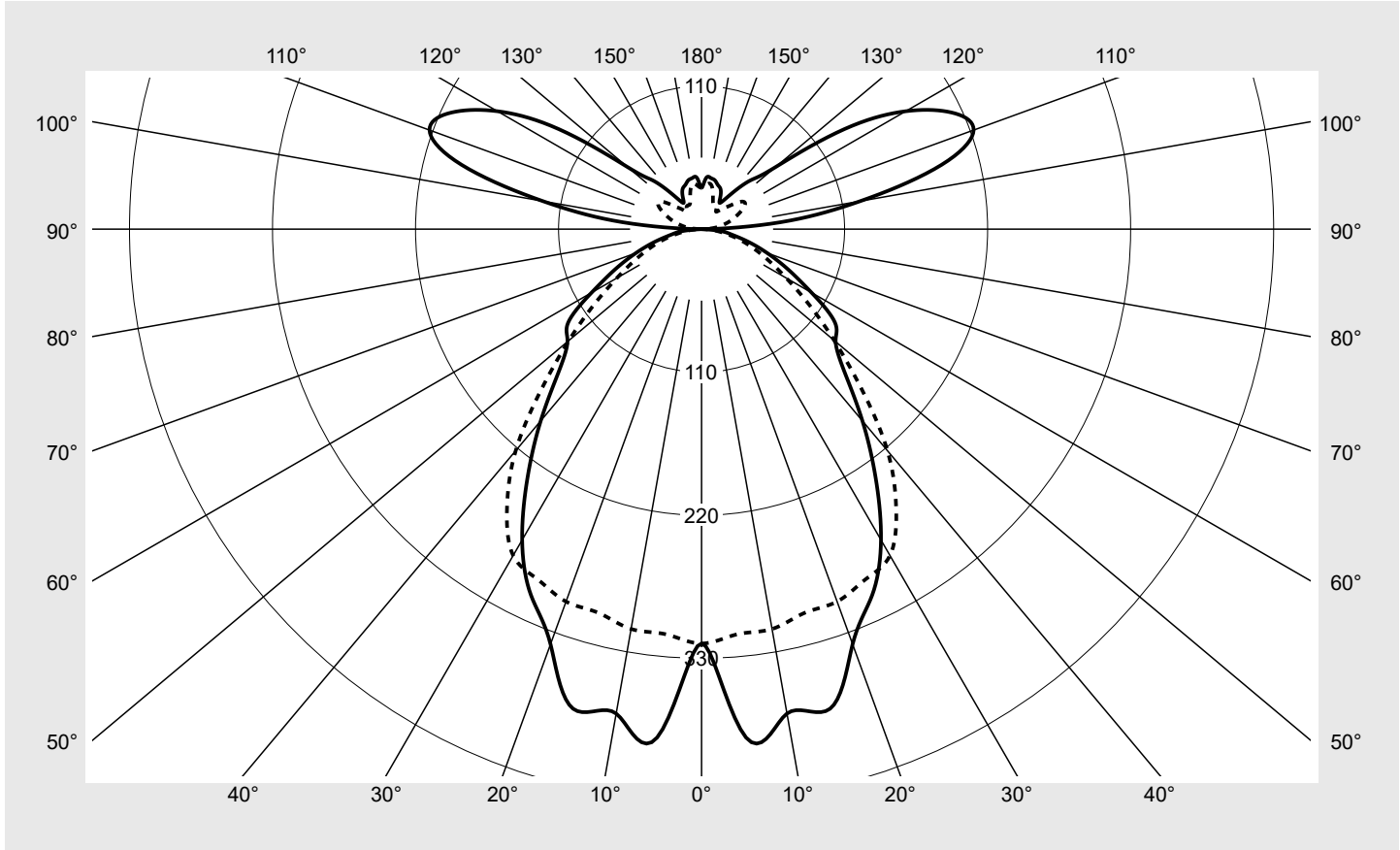


Photometric test report

Family Linear Office VEGA®	Order number: 5MN238DLC003 + 5MN91402 EAN: 4050737964164 + 4050737755007	LP number 56403_15
	Version suspended luminaire, prismatic light guide, direct-/ indirect distribution, 70% passpartout	serial documentation 23.10.2015
	Lamps LED 3000K / CRI ≥ 80	
	Controlgear ECG-DALI	
	Rated values Net luminous flux = 4250 lm Power consumption = 35.0 W Luminous efficacy = 121.4 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: 5MN238DLC003 + 5MN91402 EAN: 4050737964164 + 4050737755007	LP number 56403_15
Table of values for luminous intensities		Maximum luminous intensity

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: 5MN238DLC003 + 5MN91402 EAN: 4050737964164 + 4050737755007	LP number 56403_15
-------------------------------	---	-----------------------

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	12.6	13.7	13.2	14.4	15.2	11.6	12.8	12.3	13.5	14.3
	3H	13.8	14.8	14.5	15.5	16.4	12.9	13.9	13.6	14.6	15.5
	4H	14.3	15.2	15.0	15.9	16.8	13.4	14.4	14.1	15.1	16.0
	6H	14.7	15.5	15.5	16.3	17.2	13.9	14.7	14.6	15.5	16.3
	8H	14.8	15.5	15.5	16.3	17.3	13.9	14.6	14.6	15.4	16.3
	12H	14.9	15.6	15.7	16.4	17.3	14.0	14.7	14.8	15.5	16.4
4H	2H	12.7	13.6	13.4	14.4	15.2	11.8	12.7	12.5	13.5	14.4
	3H	14.2	14.9	14.9	15.7	16.6	13.3	14.1	14.1	14.8	15.8
	4H	14.7	15.4	15.5	16.2	17.2	14.0	14.7	14.7	15.5	16.4
	6H	15.3	15.9	16.1	16.7	17.7	14.6	15.2	15.4	16.0	16.9
	8H	15.4	15.9	16.2	16.8	17.8	14.7	15.2	15.5	16.0	17.0
	12H	15.6	16.1	16.4	16.9	17.9	14.8	15.3	15.7	16.1	17.2
8H	4H	14.8	15.3	15.6	16.1	17.1	14.0	14.5	14.8	15.4	16.4
	6H	15.4	15.8	16.2	16.7	17.7	14.6	15.1	15.5	15.9	17.0
	8H	15.6	16.0	16.5	16.9	17.9	15.0	15.3	15.8	16.2	17.3
	12H	15.9	16.2	16.8	17.1	18.2	15.2	15.6	16.1	16.4	17.5
12H	4H	14.8	15.3	15.6	16.1	17.1	14.0	14.5	14.9	15.3	16.4
	6H	15.4	15.8	16.3	16.6	17.7	14.7	15.1	15.6	16.0	17.0
	8H	15.7	16.0	16.6	16.9	18.0	15.1	15.4	15.9	16.2	17.3

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 1250 B = 350		
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°		2137.4	2038.4	1871.8	1720.5	1597.0	2079.9	2393.7
50°		2034.3	1954.3	1687.1	1483.6	1407.7	1765.0	2012.7
55°		2121.4	1987.8	1605.7	1294.2	1293.7	1580.3	1705.5
60°		1898.5	1828.9	1470.3	1150.3	1224.5	1468.2	1460.9
65°		1690.8	1648.3	1340.9	1055.6	1197.8	1411.0	1304.0
70°		1525.3	1458.6	1216.6	971.0	1170.0	1348.2	1191.1
75°		1377.9	1296.9	1097.5	898.6	1119.2	1275.5	1097.9
80°		1295.0	1178.6	980.2	826.8	1040.7	1147.8	983.7
85°		1300.2	1174.2	987.6	842.0	1061.2	1072.6	922.5

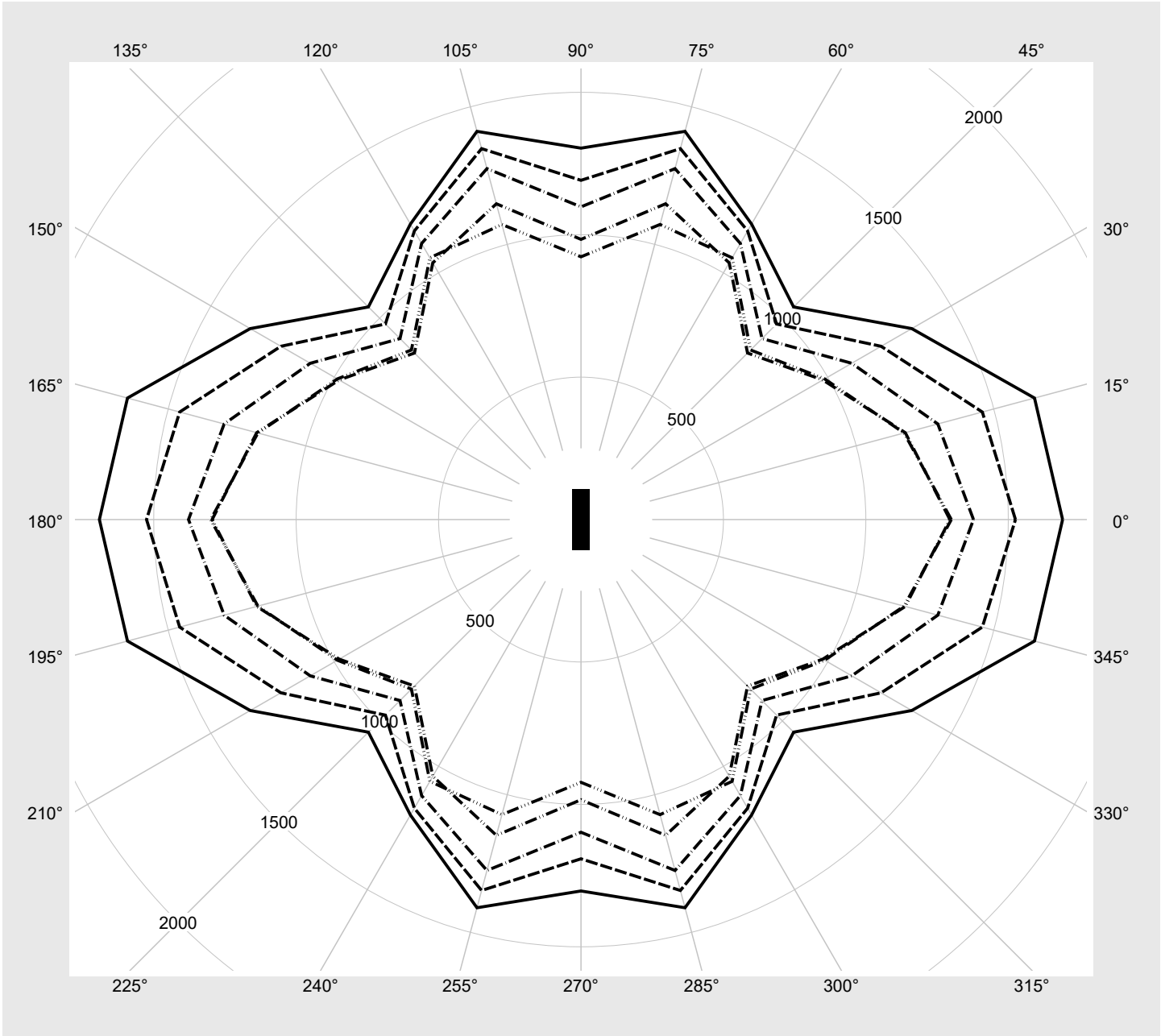
Photometric test report

Family Linear Office VEGA®	Order number: 5MN238DLC003 + 5MN91402 EAN: 4050737964164 + 4050737755007	LP number 56403_15
--------------------------------------	---	------------------------------

Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

siteco



Photometric test report

Family Linear Office VEGA®	Order number: 5MN238DLC003 + 5MN91402 EAN: 4050737964164 + 4050737755007	LP number 56403_15
--------------------------------------	---	------------------------------

Dimming levels table	environmental temperature: 25°C	siteco
-----------------------------	---------------------------------	---------------

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	4250	35.0
95	241	252	4038	33.3
90	227	250	3825	31.4
85	214	248	3612	29.6
80	200	246	3400	27.8
75	187	243	3188	26.1
70	174	241	2975	24.4
65	161	238	2762	22.6
60	148	235	2550	21.0
55	135	232	2338	19.3
50	122	229	2125	17.7
45	110	226	1912	16.1
40	97	222	1700	14.5
35	85	217	1488	12.9
30	72	212	1275	11.2
25	60	207	1062	9.6
20	48	200	850	8.1
15	36	192	638	6.5
10	24	183	425	5.1
5	12	166	212	3.2