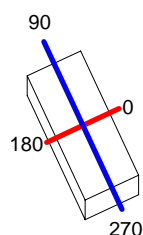


Luminaire		Measurem.		Lamp		
Code	0282	Code	0282	Code	5 LED 700mA 7.7W	
Name	5 cluster hanging lamp d/30	Name	5 cluster hanging lamp d/30	Number	1	
Line	VIBIA-Skan	Date	18-07-2014	Position	Universal	
Efficiency	68.75%	Coordinate system	CG	Total Flux	2890.50 lm	
Maximum value	335.49 cd/klm	Position	C=340.00 G=10.00	Asymmetrical		
Rectangular Luminaire	Length	1475 mm	Width	635 mm	Height	140 mm
Rectangular Luminous Area	Length	1455 mm	Width	615 mm	Height	0 mm
Horizontal Luminous Area	0.894825 m2	Emitting area on Plane 180°		0.000000 m2		
Emitting area on Plane 0°	0.000000 m2	Emitting area on Plane 270°		0.000000 m2		
Emitting area on Plane 90°	0.000000 m2	Glare area at 76°		0.216478 m2		
Symmetry Type	Asymmetrical	Maximum Gamma Angle		180		
Measurement Distance	0.00	Measurement Flux		2890.50 lm		
Operator		Source voltage		230.00 V		
Temperature	25.00 °C	Source current				
Humidity	50.00 %	Photocell				
Notes						

Luminaire Lamps					
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
- VIBIA	5 LED 700mA 7.7W	Lámpara leds 38.5W 700mA	2890.50	38.00	1
C.I.E.	58 86 97 100 69	D DIN 5040		A40	
F UTE	0.69 D	B NBN		BZ 3	

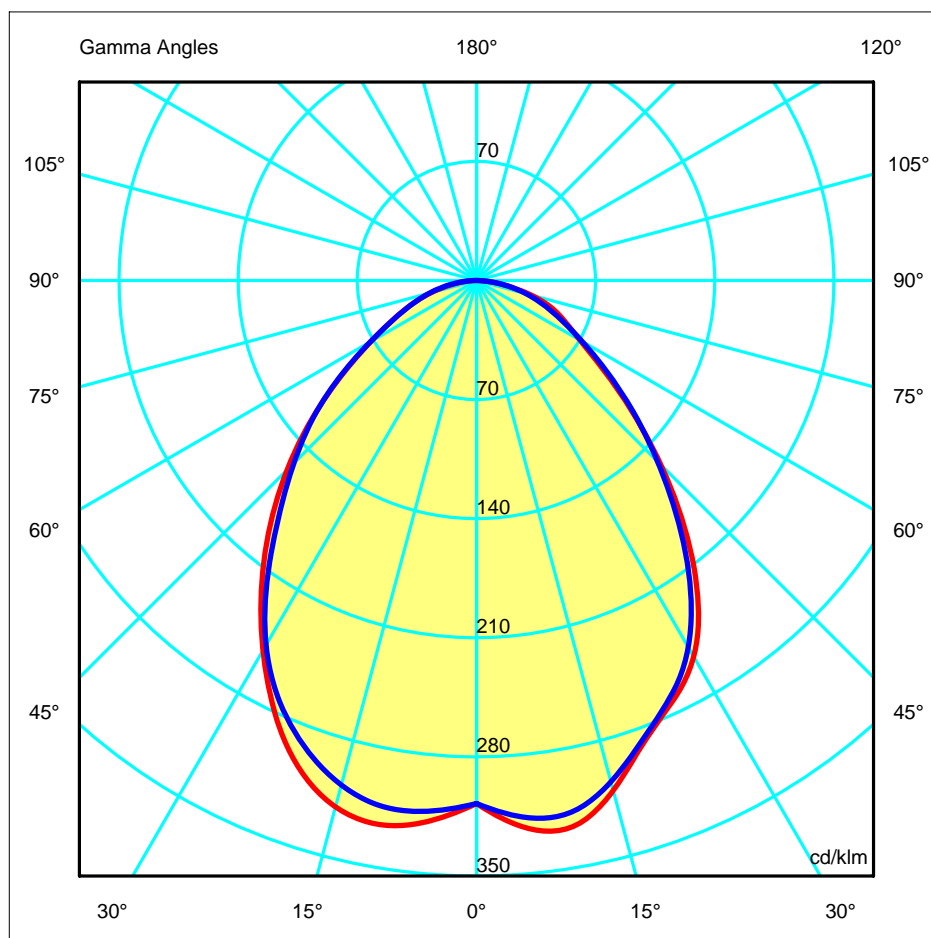
1475mm x 635mm



C Halfplanes

180.0 — 0.0
 270.0 — 90.0

ULOR 0.07 %
 DLOR 68.69 %
 RN 0.10 %



Luminaire				Measurem.				Lamp					
Code	0282			Code	0282			Code	5 LED 700mA 7.7W				
Name	5 cluster hanging lamp d/30			Name	5 cluster hanging lamp d/30			Number	1				
Line	VIBIA-Skan			Date	18-07-2014			Position	Universal				
Efficiency	68.75%			Coordinate system	CG			Total Flux	2890.50 lm				
Luminous Intensity Table cd/klm								Table 1/3					
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 0.0	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36
G 10.0	325.90	324.61	321.37	315.65	308.49	307.77	304.69	303.77	311.61	317.47	321.81	315.93	310.35
G 20.0	288.40	293.89	310.58	298.80	280.89	284.05	302.40	295.67	283.71	286.60	298.85	309.95	309.44
G 30.0	255.30	262.47	250.24	252.99	254.80	255.54	259.22	251.71	243.30	248.99	249.25	239.80	244.76
G 40.0	190.50	180.10	181.79	187.61	184.00	199.48	187.67	189.58	188.80	184.01	187.33	188.57	176.82
G 50.0	118.86	127.50	123.50	123.85	122.41	121.55	122.63	125.41	125.58	120.36	108.61	123.13	121.50
G 60.0	70.22	77.59	72.82	67.63	63.85	71.14	75.49	68.53	70.09	71.68	72.66	74.27	70.43
G 70.0	47.04	44.06	40.68	45.41	43.97	37.93	42.40	39.98	43.33	42.18	43.09	44.72	37.05
G 80.0	19.06	19.20	17.47	18.08	18.06	17.97	16.62	16.87	14.44	19.02	17.73	16.69	18.96
G 90.0	1.18	1.28	1.01	1.24	0.99	1.09	1.43	1.61	1.50	0.94	1.19	0.51	1.30
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

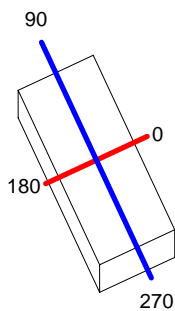
Luminaire				Measurem.				Lamp					
Code	0282			Code	0282			Code	5 LED 700mA 7.7W				
Name	5 cluster hanging lamp d/30			Name	5 cluster hanging lamp d/30			Number	1				
Line	VIBIA-Skan			Date	18-07-2014			Position	Universal				
Efficiency				68.75%		Coordinate system		CG		Total Flux		2890.50 lm	
Luminous Intensity Table cd/klm								Table 2/3					
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36
G 10.0	301.84	303.72	305.58	315.28	323.38	324.74	320.48	312.77	323.27	312.35	305.90	313.79	306.09
G 20.0	295.76	304.70	305.03	304.64	308.98	304.97	295.04	296.71	299.75	303.43	304.48	293.86	293.46
G 30.0	243.18	258.40	245.58	249.31	250.26	250.84	246.79	253.78	253.44	256.04	256.58	253.05	235.52
G 40.0	189.89	184.74	194.18	176.63	189.25	189.09	208.46	201.38	185.14	178.05	187.54	189.27	187.83
G 50.0	111.48	117.27	122.52	116.71	131.63	125.86	125.34	130.90	122.11	116.64	113.47	124.44	117.59
G 60.0	71.84	65.98	67.08	65.09	78.78	71.58	71.28	64.10	72.39	69.14	68.96	67.23	68.95
G 70.0	42.64	41.62	46.18	41.25	43.79	40.12	43.02	39.77	45.34	45.11	37.50	42.72	40.37
G 80.0	18.17	17.35	19.77	18.09	17.24	16.16	18.97	18.29	19.38	21.14	16.01	21.14	20.98
G 90.0	0.78	0.93	1.71	0.68	1.94	1.15	1.51	1.07	1.26	1.23	1.04	1.42	0.86
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire				Measurem.				Lamp					
Code	0282			Code	0282			Code	5 LED 700mA 7.7W				
Name	5 cluster hanging lamp d/30			Name	5 cluster hanging lamp d/30			Number	1				
Line	VIBIA-Skan			Date	18-07-2014			Position	Universal				
Efficiency	68.75%			Coordinate system	CG			Total Flux	2890.50 lm				
Luminous Intensity Table cd/klm								Table 3/3					
	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00
G 0.0	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36	307.36
G 10.0	324.74	320.48	312.77	323.27	312.35	305.90	313.79	306.09	309.59	314.05	314.21	305.34	303.86
G 20.0	304.97	295.04	296.71	299.75	303.43	304.48	293.86	293.46	299.65	292.87	284.76	299.25	299.82
G 30.0	250.84	246.79	253.78	253.44	256.04	256.58	253.05	235.52	245.92	247.33	262.14	252.77	250.47
G 40.0	189.09	208.46	201.38	185.14	178.05	187.54	189.27	187.83	179.81	180.61	190.52	193.19	195.78
G 50.0	125.86	125.34	130.90	122.11	116.64	113.47	124.44	117.59	121.64	125.04	122.17	118.17	116.10
G 60.0	71.58	71.28	64.10	72.39	69.14	68.96	67.23	68.95	75.19	72.02	84.91	69.71	74.36
G 70.0	40.12	43.02	39.77	45.34	45.11	37.50	42.72	40.37	47.98	39.91	42.96	49.31	44.13
G 80.0	16.16	18.97	18.29	19.38	21.14	16.01	21.14	20.98	20.93	18.28	18.08	18.17	17.44
G 90.0	1.15	1.51	1.07	1.26	1.23	1.04	1.42	0.86	1.15	1.45	1.44	1.06	1.99
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

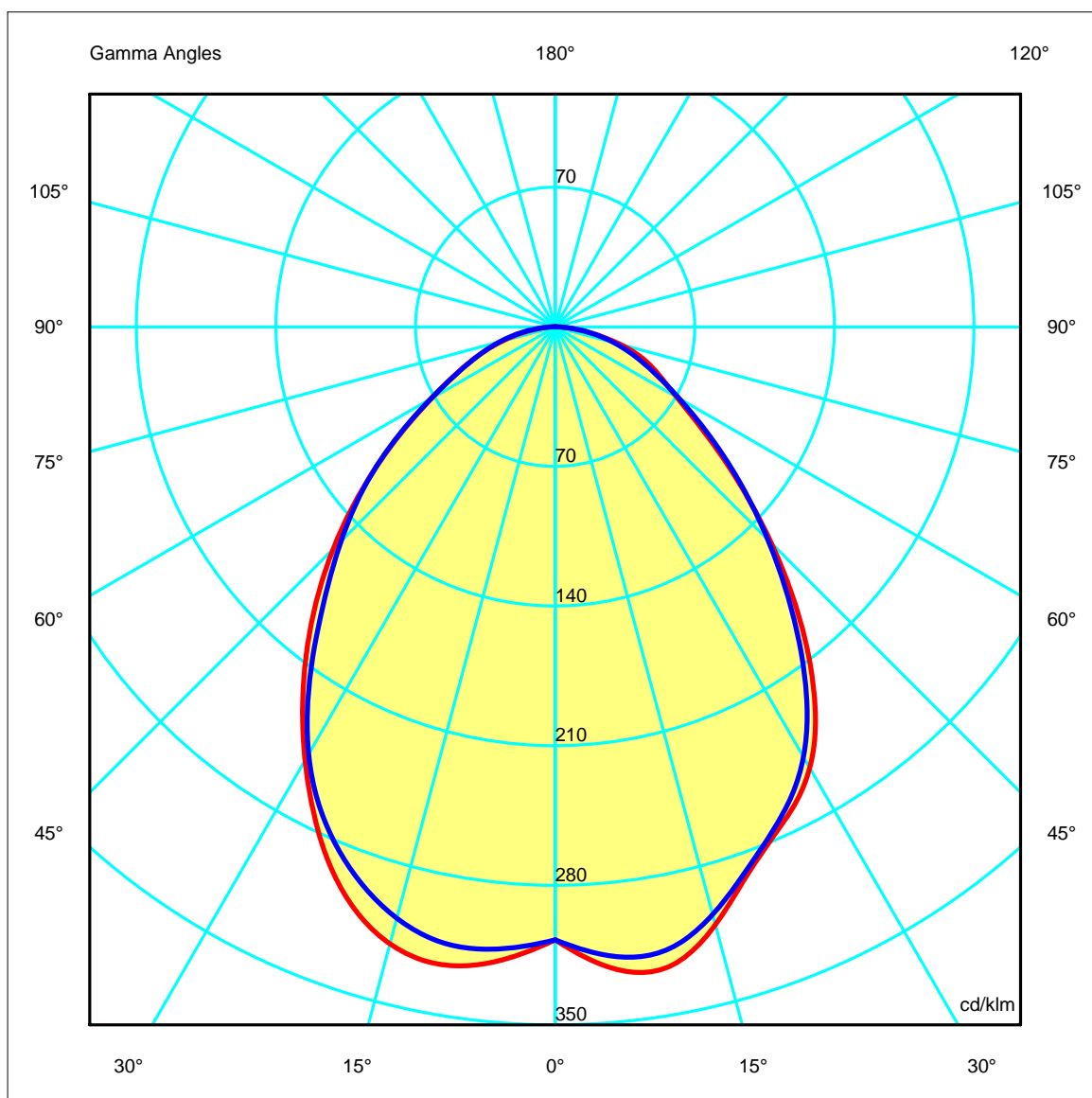
Luminaire		Measur.		Lamp	
Code	0282	Code	0282	Code	5 LED 700mA 7.7W
Name	5 cluster hanging lamp d/30	Name	5 cluster hanging lamp d/30	Number	1
Line	VIBIA-Skan	Date	18-07-2014	Position	Universal
Efficiency	68.75%	Coordinate system	CG	Total Flux	2890.50 lm

1475mm x 635mm

C Halfplanes

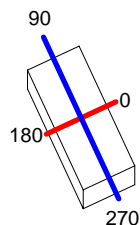


180.0 ————— 0.0
 270.0 ————— 90.0



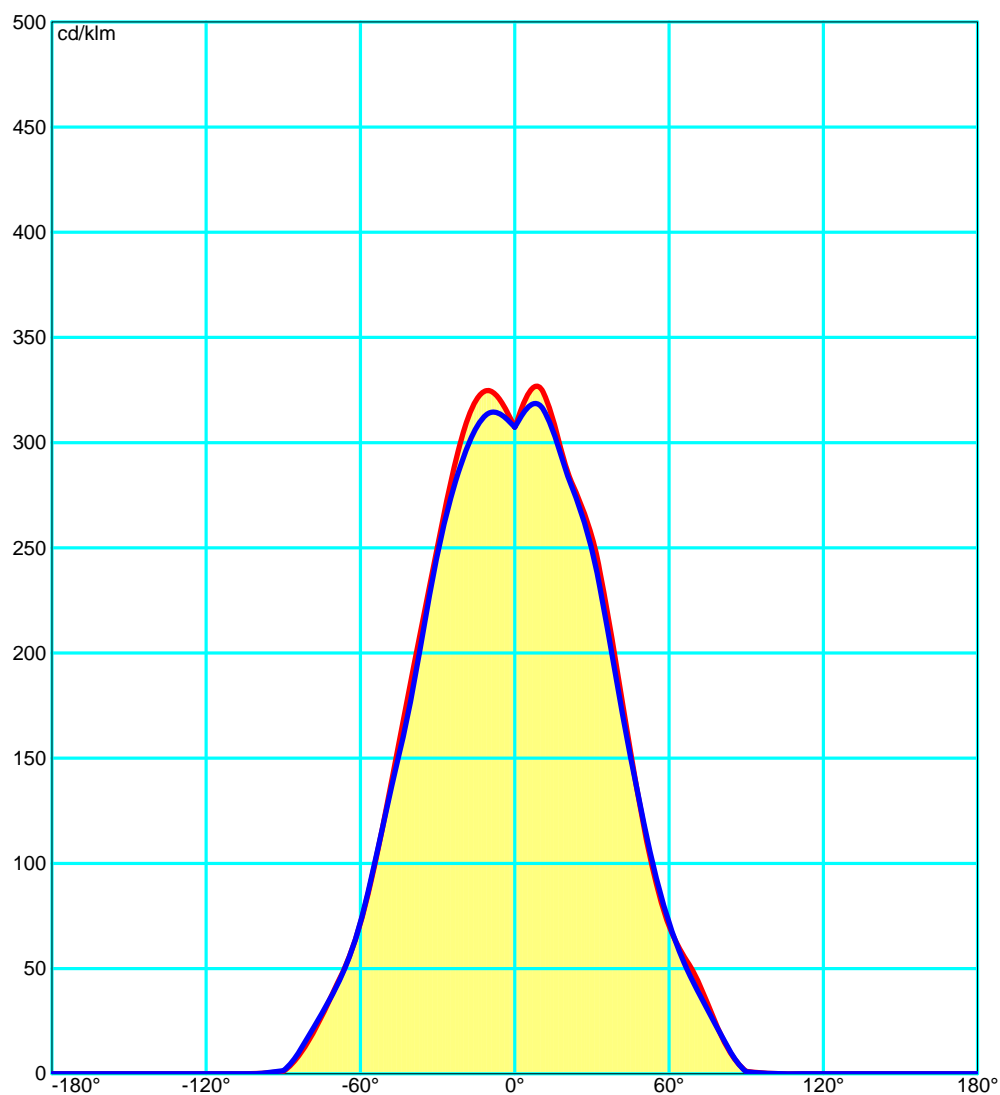
Luminaire		Measur.		Lamp	
Code	0282	Code	0282	Code	5 LED 700mA 7.7W
Name	5 cluster hanging lamp d/30	Name	5 cluster hanging lamp d/30	Number	1
Line	VIBIA-Skan	Date	18-07-2014	Position	Universal
Efficiency	68.75%	Coordinate system	CG	Total Flux	2890.50 lm

1475mm x 635mm



C Halfplanes

180.0 — 0.0
 270.0 — 90.0



Luminaire		Measurem.		Lamp	
Code	0282	Code	0282	Code	5 LED 700mA 7.7W
Name	5 cluster hanging lamp d/30	Name	5 cluster hanging lamp d/30	Number	1
Line	VIBIA-Skan	Date	18-07-2014	Position	Universal
Efficiency	68.75%	Coordinate system	CG	Total Flux	2890.50 lm

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	9.6	10.8	9.9	11.0	11.3	9.7	10.8	10.0	11.1	11.3
x=2H y=3H	10.7	11.8	11.0	12.0	12.5	10.9	12.0	11.2	12.2	12.5
x=2H y=4H	11.2	12.2	11.6	12.5	13.0	11.4	12.4	11.8	12.7	13.0
x=2H y=6H	11.6	12.5	11.9	12.8	13.4	11.8	12.7	12.2	13.0	13.4
x=2H y=8H	11.7	12.6	12.1	12.9	13.5	12.0	12.9	12.3	13.2	13.5
x=2H y=12H	11.8	12.6	12.1	12.9	13.6	12.1	12.9	12.4	13.2	13.6
x=4H y=2H	10.1	11.1	10.4	11.4	11.7	10.1	11.2	10.5	11.4	11.7
x=4H y=3H	11.5	12.4	11.9	12.7	13.1	11.6	12.5	12.0	12.8	13.1
x=4H y=4H	12.2	12.9	12.6	13.3	13.8	12.3	13.1	12.7	13.4	13.8
x=4H y=6H	12.7	13.3	13.1	13.7	14.3	12.9	13.5	13.3	13.9	14.3
x=4H y=8H	12.8	13.4	13.3	13.8	14.5	13.1	13.7	13.5	14.1	14.5
x=4H y=12H	13.0	13.5	13.4	13.9	14.6	13.2	13.8	13.7	14.2	14.6
x=8H y=4H	12.5	13.1	12.9	13.5	14.0	12.6	13.2	13.0	13.6	14.0
x=8H y=6H	13.1	13.6	13.6	14.0	14.7	13.3	13.8	13.8	14.2	14.7
x=8H y=8H	13.4	13.8	13.9	14.3	14.9	13.6	14.0	14.1	14.5	14.9
x=8H y=12H	13.6	13.9	14.1	14.4	15.1	13.8	14.2	14.3	14.6	15.1
x=12H y=4H	12.5	13.0	12.9	13.4	14.0	12.6	13.2	13.1	13.6	14.0
x=12H y=6H	13.2	13.6	13.7	14.1	14.7	13.4	13.8	13.8	14.2	14.7
x=12H y=8H	13.5	13.8	14.0	14.3	15.0	13.7	14.0	14.2	14.5	15.0

Luminaire			Measurem.			Lamp		
Code	0282		Code	0282		Code	5 LED 700mA 7.7W	
Name	5 cluster hanging lamp d/30		Name	5 cluster hanging lamp d/30		Number	1	
Line	VIBIA-Skan		Date	18-07-2014		Position	Universal	
Efficiency	68.75%		Coordinate system	CG		Total Flux	2890.50 lm	

Total Flux=2890.50 Luminaire Flux=1987.35

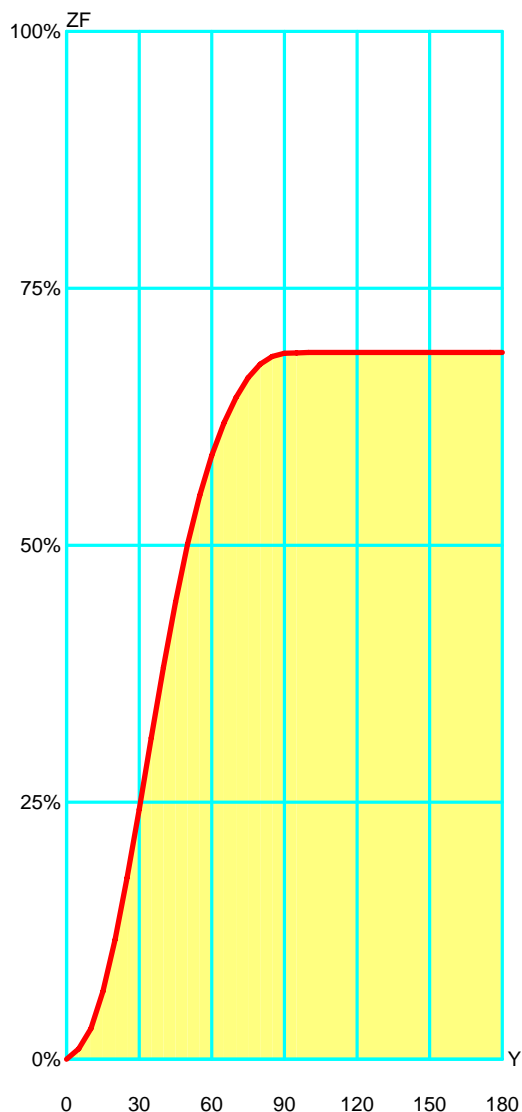
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.39	0.47	0.54	0.61	0.66	0.74	0.79	0.82	0.87	0.89	0.94	0.97
RC	4	4	3	3	3	3	3	3	3	3	3	3

Zonal Flux per 1000 Lumen																		
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	30	116	243	381	501	587	644	676	687	688	688	688	688	688	688	688	688	688

CIE Flux Codes
58 86 97 100 69

C.I.E. 4/4/3/3/3/3/3/3/3/3
D DIN 5040 A40
F UTE 0.69 D
B NBN BZ 3
RN 0.09607 %
BLF 1.0

LOR 68.75445 %
ULOR 0.06605 %
DLOR 68.68840 %
UFF 0.09607 %
DFF 99.90393 %
FFR 0.09616 %



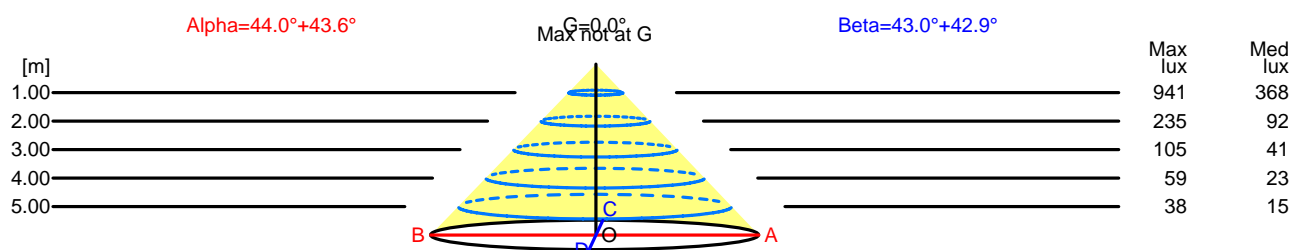
Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	10.10	10.10	1.47 %	1.47 %
10°	19.59	29.69	2.85 %	4.32 %
15°	36.20	65.89	5.27 %	9.58 %
20°	50.44	116.33	7.34 %	16.92 %
25°	60.20	176.53	8.76 %	25.68 %
30°	66.53	243.06	9.68 %	35.35 %
35°	69.54	312.60	10.11 %	45.47 %
40°	68.55	381.16	9.97 %	55.44 %
45°	63.73	444.88	9.27 %	64.71 %
50°	56.37	501.25	8.20 %	72.91 %
55°	47.35	548.61	6.89 %	79.79 %
60°	38.88	587.48	5.65 %	85.45 %
65°	31.45	618.93	4.57 %	90.02 %
70°	24.94	643.87	3.63 %	93.65 %
75°	19.11	662.98	2.78 %	96.43 %
80°	13.23	676.21	1.92 %	98.35 %
85°	7.45	683.66	1.08 %	99.43 %
90°	3.23	686.88	0.47 %	99.90 %
95°	0.33	687.21	0.05 %	99.95 %
100°	0.33	687.54	0.05 %	100.00 %
105°	0.00	687.54	0.00 %	100.00 %
110°	0.00	687.54	0.00 %	100.00 %
115°	0.00	687.54	0.00 %	100.00 %
120°	0.00	687.54	0.00 %	100.00 %
125°	0.00	687.54	0.00 %	100.00 %
130°	0.00	687.54	0.00 %	100.00 %
135°	0.00	687.54	0.00 %	100.00 %
140°	0.00	687.54	0.00 %	100.00 %
145°	0.00	687.54	0.00 %	100.00 %
150°	0.00	687.54	0.00 %	100.00 %
155°	0.00	687.54	0.00 %	100.00 %
160°	0.00	687.54	0.00 %	100.00 %
165°	0.00	687.54	0.00 %	100.00 %
170°	0.00	687.54	0.00 %	100.00 %
175°	0.00	687.54	0.00 %	100.00 %
180°	0.00	687.54	0.00 %	100.00 %


Luminaire		Measurem.		Lamp	
Code	0282	Code	0282	Code	5 LED 700mA 7.7W
Name	5 cluster hanging lamp d/30	Name	5 cluster hanging lamp d/30	Number	1
Line	VIBIA-Skan	Date	18-07-2014	Position	Universal
Efficiency	68.75%	Coordinate system	CG	Total Flux	2890.50 lm


Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.95	1.91	2.86	3.81	4.76	OC	0.93	1.87	2.80	3.74	4.67
OB	0.97	1.93	2.90	3.87	4.84	OD	0.93	1.86	2.79	3.72	4.65

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	888.42	932.43	896.90	788.16	655.20	442.83	261.96	166.45	96.53	22.57
OB	888.42	921.80	925.56	810.60	636.57	454.73	278.37	155.37	79.65	20.00
OC	888.42	914.98	881.63	779.46	632.60	435.49	270.65	159.51	87.84	23.96
OD	888.42	904.80	887.26	790.27	619.58	438.72	281.02	154.52	82.82	24.27



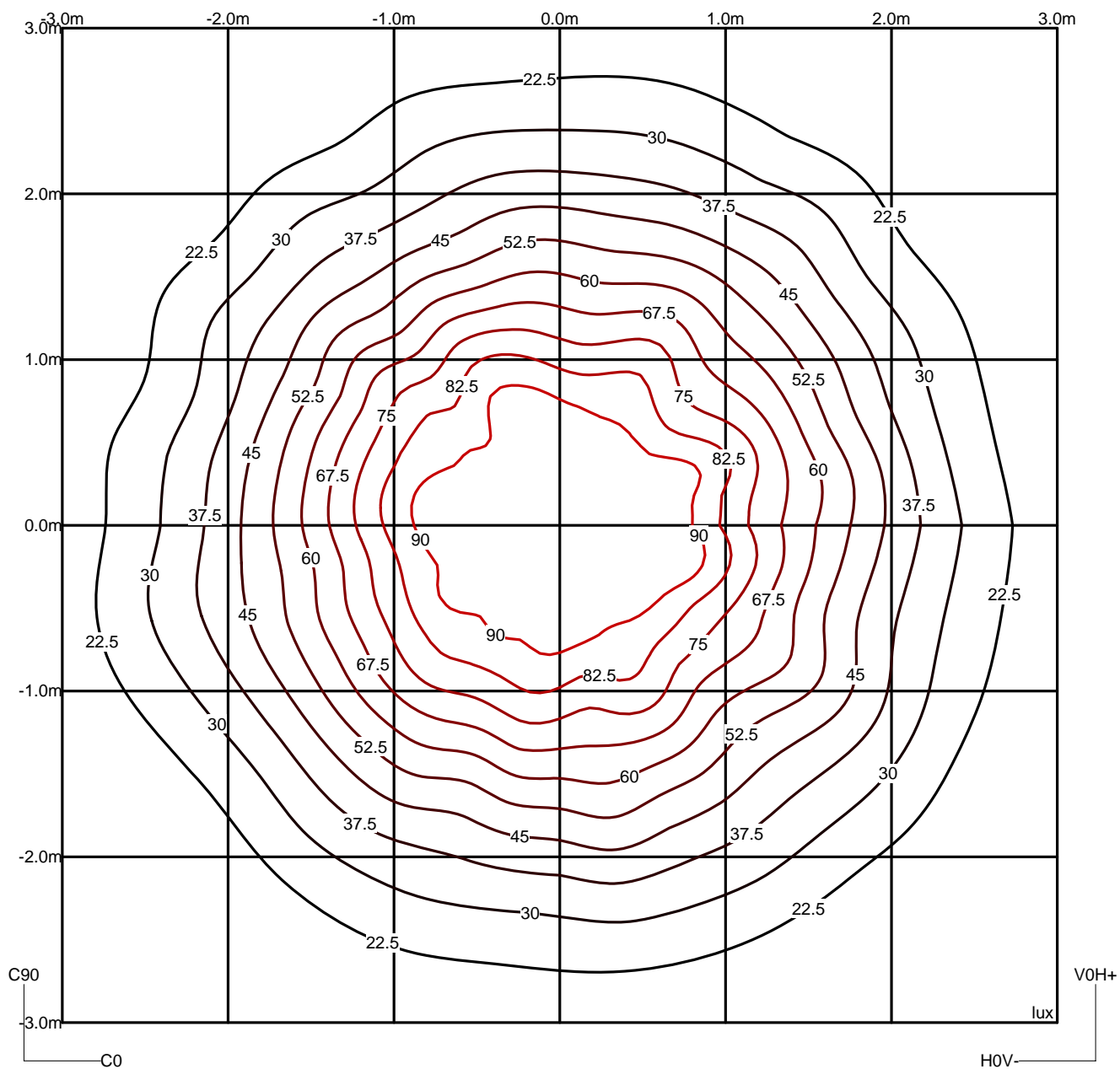
H[m]	D[m]	Max lux	Med lux	Alpha=44.0°+43.6°	G=0.0 Max not at G	
1.00	1.92	941	368			
2.00	3.84	235	92			
3.00	5.76	105	41			
4.00	7.68	59	23			
5.00	9.60	38	15			

H[m]	D[m]	Max lux	Med lux	Beta=42.9°+43.0°	G=0.0 Max not at G	
1.00	1.86	941	368			
2.00	3.73	235	92			
3.00	5.59	105	41			
4.00	7.45	59	23			
5.00	9.32	38	15			

Luminaire		Measurem.		Lamp	
Code	0282	Code	0282	Code	5 LED 700mA 7.7W
Name	5 cluster hanging lamp d/30	Name	5 cluster hanging lamp d/30	Number	1
Line	VIBIA-Skan	Date	18-07-2014	Position	Universal
Efficiency	68.75%	Coordinate system	CG	Total Flux	2890.50 lm

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=3.00m



Luminaire		Measur.		Lamp	
Code	0282	Code	0282	Code	5 LED 700mA 7.7W
Name	5 cluster hanging lamp d/30	Name	5 cluster hanging lamp d/30	Number	1
Line	VIBIA-Skan	Date	18-07-2014	Position	Universal
Efficiency	68.75%	Coordinate system	CG	Total Flux	2890.50 lm

Utilizations CIE

Mounting	Direct				Normalization				Normalised				Suspension Ratio				b/3				Standard CIE Settings			
Ceiling																								
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000	
0.60	142	128	107	97	122	92	75	63	55	47	30	23	12	8	44	24	22	10	8	20	8	7	0	
0.80	165	151	114	105	144	100	94	82	63	56	37	29	17	12	52	31	28	14	12	26	12	11	0	
1.00	181	168	114	107	160	103	110	98	67	61	41	34	21	16	57	35	32	18	15	31	16	14	0	
1.25	194	183	113	107	174	103	127	115	71	65	46	39	26	21	61	40	37	23	20	35	20	18	0	
1.50	204	194	110	106	185	102	140	129	72	67	49	43	30	25	63	43	41	27	24	39	24	22	0	
2.00	217	209	104	101	199	97	160	149	73	69	53	48	37	32	66	48	46	33	30	44	31	28	0	
2.50	226	219	99	97	209	94	174	165	74	70	57	52	42	37	67	52	50	38	36	48	36	33	0	
3.00	232	226	96	93	216	91	185	176	74	71	59	55	46	41	68	54	52	42	40	50	40	37	0	
4.00	241	236	91	90	226	88	200	193	74	72	62	59	51	47	69	58	57	48	46	55	45	43	1	
5.00	247	243	89	88	232	86	211	204	75	73	64	61	55	51	70	61	59	52	50	57	50	47	1	
10.00	259	257	83	82	246	81	234	230	75	74	69	68	64	62	72	66	66	61	60	64	59	57	1	
20.00	265	264	79	79	254	78	247	245	75	74	72	71	69	68	72	70	69	67	66	68	65	63	1	

Wall

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	296	288	252	246	284	244	224	219	197	193	165	162	142	141	191	162	161	141	140	161	140	140	126
0.80	331	322	272	267	316	263	257	251	220	216	188	185	165	163	213	185	184	164	163	183	163	162	145
1.00	352	344	281	276	336	272	280	273	232	229	203	199	180	178	225	199	197	178	177	196	177	176	157
1.25	371	363	286	283	353	278	302	294	243	239	216	212	194	191	235	211	210	192	190	208	190	188	167
1.50	384	377	290	286	366	282	318	310	250	247	225	221	204	201	242	220	218	202	200	216	199	197	175
2.00	396	389	286	283	376	278	335	328	253	250	232	228	214	211	244	226	225	210	208	221	207	205	179
2.50	402	396	282	280	382	275	346	339	253	251	235	232	219	216	245	229	228	215	213	224	212	208	181
3.00	405	400	277	275	385	270	353	346	252	250	236	233	222	219	243	230	228	217	216	224	213	210	181
4.00	414	410	276	274	393	270	367	361	255	253	242	239	230	227	246	235	234	225	223	229	220	216	185
5.00	421	418	276	275	400	271	378	373	258	257	247	245	237	234	250	240	239	231	230	234	226	221	189
10.00	438	436	279	278	417	274	404	400	267	266	260	259	254	252	258	252	252	247	246	245	240	234	200
20.00	442	441	274	274	420	270	413	411	266	266	262	262	259	258	257	254	254	251	250	247	244	237	201

Working Pl.

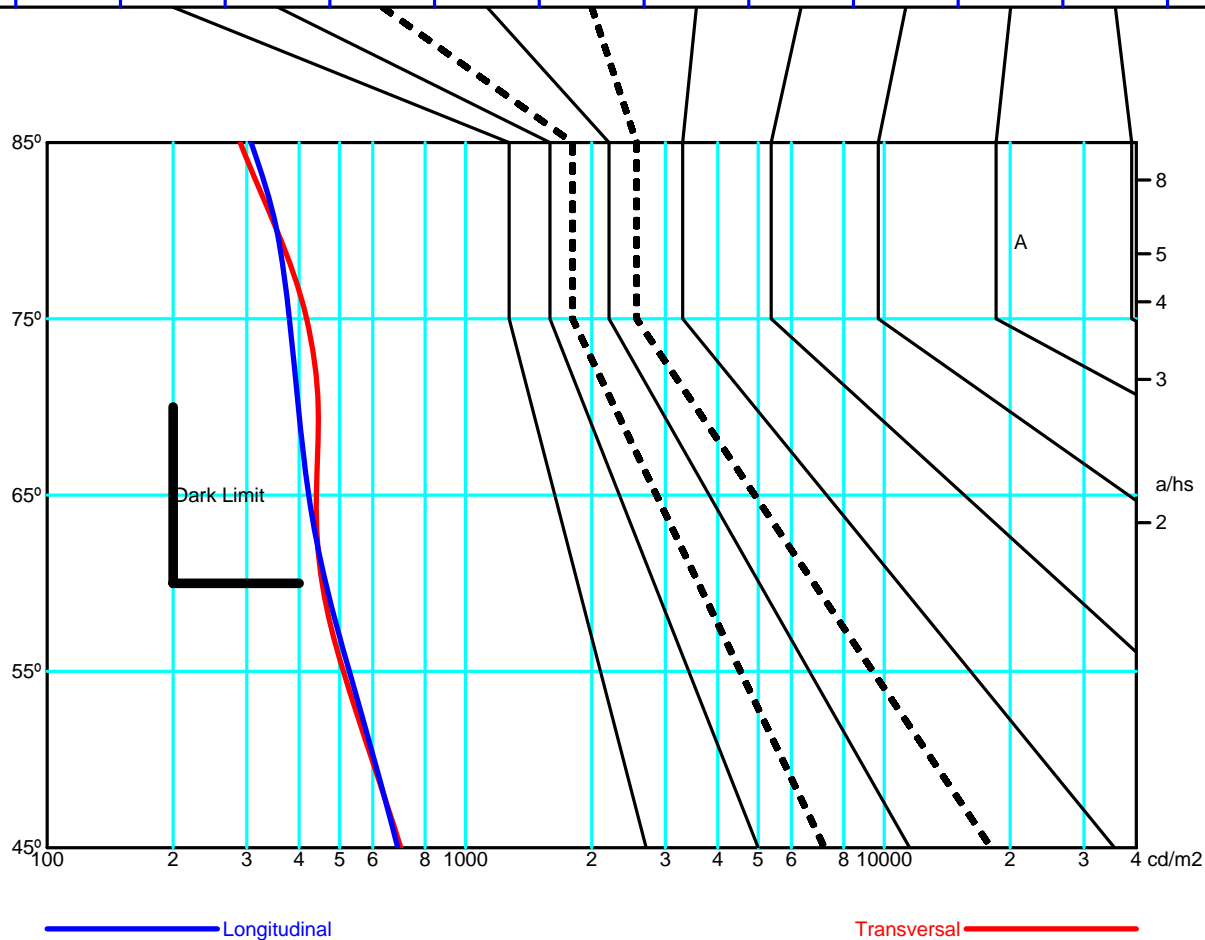
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	451	443	421	415	437	411	364	359	351	347	310	307	280	279	344	307	306	279	279	305	279	278	267
0.80	522	512	481	475	504	469	432	425	412	407	370	366	339	337	403	366	365	337	336	363	336	335	324
1.00	577	568	526	520	557	514	487	479	461	456	421	416	390	387	451	415	414	387	386	411	386	384	373
1.25	628	618	566	561	606	554	540	531	506	501	468	463	438	435	494	462	460	435	433	456	432	430	419
1.50	665	656	594	590	641	582	580	570	538	534	503	498	475	471	526	496	494	470	468	490	467	464	454
2.00	720	711	634	630	693	623	640	631	587	583	557	552	532	527	573	548	546	526	523	541	521	517	508
2.50	754	746	658	655	726	647	680	671	617	613	591	586	569	564	603	581	579	562	559	573	556	551	542
3.00	778	771	674	672	749	664	708	700	638	635	615	611	596	591	624	605	603	588	585	595	581	575	566
4.00	807	802	693	691	777	682	744	736	662	660	644	640	627	623	647	632	630	618	615	622	610	602	594
5.00	825	820	703	702	794	694	766	759	677	674	661	658	647	643	662	649	647	637	634	638	627	619	611
10.00	863	860	725	724	830	716	814	810	707	706	698	696	690	687	691	684	683	677	675	671	665	654	647
20.00	884	882	736	736	850	728	841	839	723	722	718	717	714	712	707	704	703	700	699	690	687	674	667

LM53 SHR C0-C180: 1.214 SHR C90-C270: 1.190 SHR Square: 1.252

Luminaire		Measurem.		Lamp	
Code	0282	Code	0282	Code	5 LED 700mA 7.7W
Name	5 cluster hanging lamp d/30	Name	5 cluster hanging lamp d/30	Number	1
Line	VIBIA-Skan	Date	18-07-2014	Position	Universal
Efficiency	68.75%	Coordinate system	CG	Total Flux	2890.50 lm

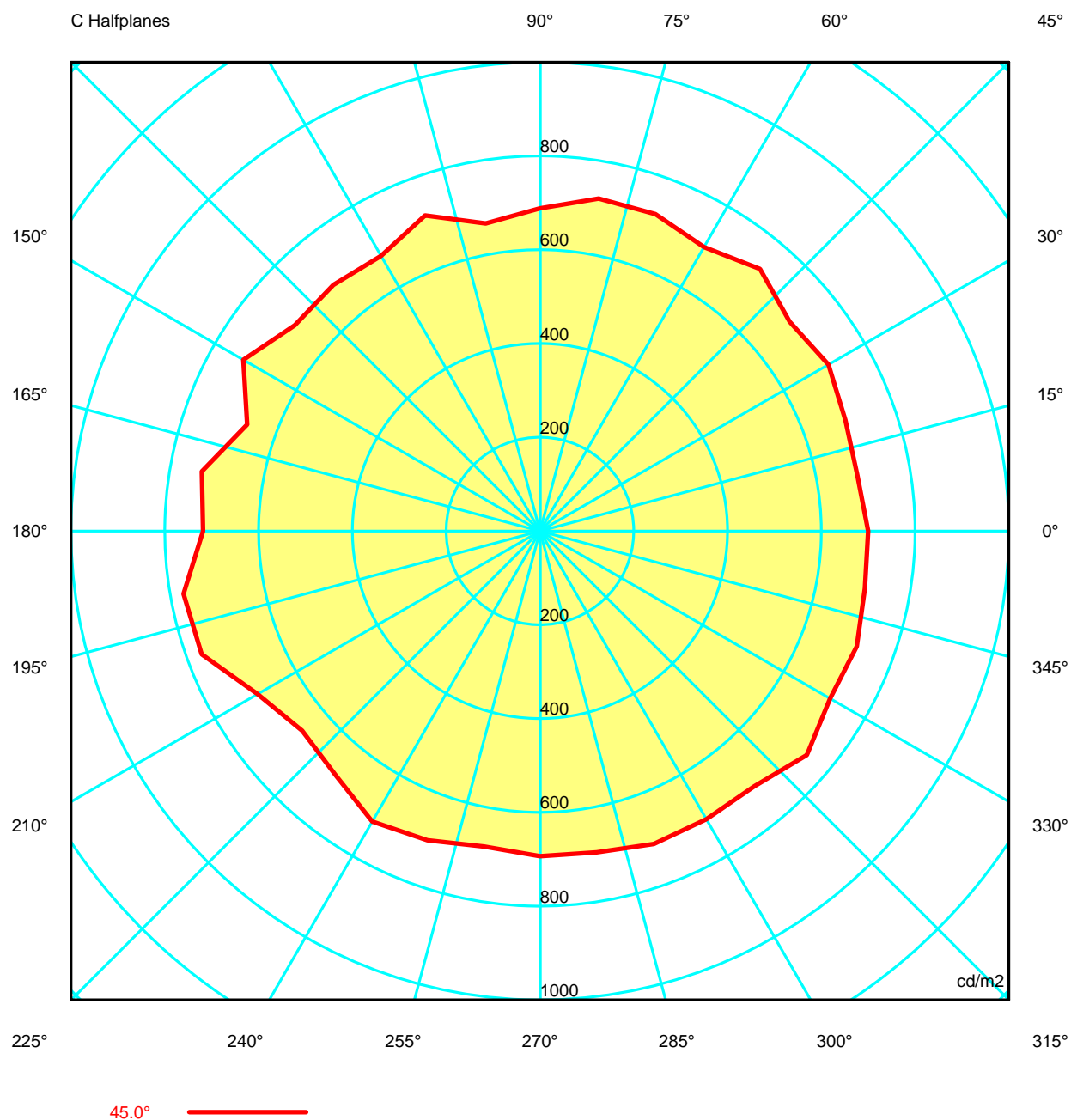
Average Luminance [cd/m ²]										
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
700	597	510	454	440	444	417	355	289	---	
90.0°	688	605	527	463	422	398	379	354	307	---

Flush mounted or longitudinal view												
		Illumination(lx)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55



Luminaire		Measur.		Lamp	
Code	0282	Code	0282	Code	5 LED 700mA 7.7W
Name	5 cluster hanging lamp d/30	Name	5 cluster hanging lamp d/30	Number	1
Line	VIBIA-Skan	Date	18-07-2014	Position	Universal
Efficiency	68.75%	Coordinate system	CG	Total Flux	2890.50 lm

Luminance



Luminaire					Measurem.					Lamp				
Code	0282				Code	0282				Code	5 LED 700mA 7.7W			
Name	5 cluster hanging lamp d/30				Name	5 cluster hanging lamp d/30				Number	1			
Line	VIBIA-Skan				Date	18-07-2014				Position	Universal			
Efficiency					68.75%		Coordinate system		CG		Total Flux		2890.50 lm	
Luminance cd/m2					Table 1/3									
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00	
G 0.0	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84	
G 5.0	1046.01	1041.55	1023.36	1016.22	1009.08	1005.22	992.31	989.56	1013.18	1026.43	1030.04	1009.11	997.34	
G 10.0	1068.97	1064.75	1054.13	1035.37	1011.86	1009.52	999.41	996.38	1022.10	1041.33	1055.55	1036.26	1017.98	
G 15.0	1037.67	1041.92	1075.42	1039.98	988.69	995.37	1015.11	1011.83	1005.86	1020.02	1053.84	1069.14	1054.07	
G 20.0	991.38	1010.28	1067.65	1027.15	965.56	976.43	1039.50	1016.36	975.27	985.20	1027.30	1065.46	1063.72	
G 25.0	971.86	1005.02	1014.61	995.42	965.70	966.89	1020.58	990.21	943.76	961.12	982.99	990.05	1007.14	
G 30.0	952.24	979.02	933.38	943.65	950.41	953.17	966.88	938.87	907.49	928.73	929.71	894.43	912.93	
G 35.0	893.86	880.08	847.85	872.29	876.36	914.72	885.77	873.53	858.70	863.04	871.94	839.04	823.13	
G 40.0	803.30	759.44	766.57	791.13	775.91	841.17	791.37	799.44	796.15	775.93	789.94	795.14	745.63	
G 45.0	699.86	687.00	692.82	710.27	694.84	729.84	699.45	719.36	720.13	688.26	666.34	716.38	677.90	
G 50.0	597.33	640.74	620.64	622.39	615.17	610.82	616.25	630.22	631.06	604.83	545.78	618.76	610.56	
G 55.0	510.40	575.25	543.23	520.46	507.63	522.53	545.61	530.77	533.39	527.32	487.08	536.94	533.66	
G 60.0	453.64	501.27	470.45	436.94	412.53	459.62	487.73	442.76	452.81	463.09	469.43	479.81	454.99	
G 65.0	440.15	448.67	418.41	416.58	392.57	403.32	441.19	396.13	420.95	421.80	444.31	447.08	390.42	
G 70.0	444.29	416.14	384.25	428.92	415.23	358.23	400.47	377.62	409.25	398.33	406.95	422.37	349.89	
G 75.0	416.80	388.68	356.00	403.53	398.91	339.12	356.79	352.16	356.75	379.28	369.03	377.62	342.77	
G 80.0	354.60	357.24	325.06	336.32	335.95	334.30	309.11	313.90	268.64	353.90	329.90	310.48	352.72	
G 85.0	289.39	314.15	281.61	271.41	267.54	307.26	267.63	279.47	208.99	307.18	285.24	236.66	335.50	
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Luminaire					Measurem.					Lamp			
Code	0282				Code	0282				Code	5 LED 700mA 7.7W		
Name	5 cluster hanging lamp d/30				Name	5 cluster hanging lamp d/30				Number	1		
Line	VIBIA-Skan				Date	18-07-2014				Position	Universal		
Efficiency		68.75%			Coordinate system		CG			Total Flux		2890.50 lm	
Luminance cd/m2 Table 2/3													
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84
G 5.0	987.69	985.76	993.75	1012.10	1028.72	1034.08	1027.93	1010.17	1033.81	1006.70	994.27	1014.35	993.91
G 10.0	990.06	996.21	1002.33	1034.14	1060.70	1065.17	1051.19	1025.90	1060.34	1024.53	1003.39	1029.24	1004.00
G 15.0	999.24	1017.32	1021.00	1051.71	1076.60	1070.84	1046.56	1031.27	1055.95	1040.95	1020.61	1026.51	1018.81
G 20.0	1016.68	1047.41	1048.56	1047.23	1062.14	1048.33	1014.22	1019.96	1030.41	1043.04	1046.65	1010.15	1008.79
G 25.0	971.02	1025.12	993.92	1004.30	1007.83	999.52	962.63	988.53	995.94	1016.60	1017.96	985.09	949.68
G 30.0	907.05	963.82	915.99	929.92	933.45	935.63	920.51	946.60	945.31	955.02	957.02	943.87	878.49
G 35.0	861.14	877.05	866.49	838.00	863.21	868.45	909.29	903.62	869.50	858.00	882.21	878.37	836.46
G 40.0	800.73	778.99	818.81	744.82	798.03	797.37	879.04	849.16	780.71	750.80	790.83	798.12	792.05
G 45.0	685.46	682.96	730.68	664.45	732.27	718.67	771.85	767.87	695.48	662.27	678.86	715.40	701.73
G 50.0	560.21	589.33	615.72	586.51	661.49	632.51	629.88	657.84	613.63	586.14	570.23	625.36	590.94
G 55.0	491.32	497.87	507.28	497.59	583.32	542.36	523.80	526.80	532.85	509.15	495.45	522.65	504.59
G 60.0	464.10	426.27	433.39	420.50	508.97	462.41	460.48	414.10	467.66	446.69	445.49	434.32	445.46
G 65.0	436.28	397.65	419.74	390.10	454.47	410.84	425.87	370.82	437.81	423.52	398.26	399.16	403.85
G 70.0	402.75	393.09	436.15	389.62	413.54	378.87	406.35	375.57	428.24	426.02	354.16	403.44	381.23
G 75.0	371.66	370.39	420.41	375.37	369.16	343.91	384.15	370.09	404.67	419.87	322.56	406.74	382.74
G 80.0	338.06	322.79	367.69	336.46	320.71	300.66	352.83	340.15	360.46	393.31	297.89	393.33	390.30
G 85.0	286.47	266.06	316.45	277.26	287.94	256.40	314.65	293.36	307.62	344.34	263.55	355.78	355.70
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire					Measurem.					Lamp			
Code	0282				Code	0282				Code	5 LED 700mA 7.7W		
Name	5 cluster hanging lamp d/30				Name	5 cluster hanging lamp d/30				Number	1		
Line	VIBIA-Skan				Date	18-07-2014				Position	Universal		
Efficiency		68.75%			Coordinate system		CG			Total Flux		2890.50 lm	
Luminance cd/m2 Table 3/3													
	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00
G 0.0	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84	992.84
G 5.0	1034.08	1027.93	1010.17	1033.81	1006.70	994.27	1014.35	993.91	1000.72	1015.01	1021.28	993.35	990.96
G 10.0	1065.17	1051.19	1025.90	1060.34	1024.53	1003.39	1029.24	1004.00	1015.47	1030.11	1030.63	1001.52	996.68
G 15.0	1070.84	1046.56	1031.27	1055.95	1040.95	1020.61	1026.51	1018.81	1032.51	1026.52	1005.19	1010.93	1009.40
G 20.0	1048.33	1014.22	1019.96	1030.41	1043.04	1046.65	1010.15	1008.79	1030.06	1006.77	978.88	1028.69	1030.64
G 25.0	999.52	962.63	988.53	995.94	1016.60	1017.96	985.09	949.68	987.67	974.46	983.58	996.99	992.25
G 30.0	935.63	920.51	946.60	945.31	955.02	957.02	943.87	878.49	917.26	922.53	977.77	942.83	934.23
G 35.0	868.45	909.29	903.62	869.50	858.00	882.21	878.37	836.46	837.94	845.26	910.92	886.45	888.50
G 40.0	797.37	879.04	849.16	780.71	750.80	790.83	798.12	792.05	758.21	761.61	803.39	814.63	825.56
G 45.0	718.67	771.85	767.87	695.48	662.27	678.86	715.40	701.73	683.14	693.36	695.75	709.96	709.41
G 50.0	632.51	629.88	657.84	613.63	586.14	570.23	625.36	590.94	611.26	628.38	613.93	593.84	583.45
G 55.0	542.36	523.80	526.80	532.85	509.15	495.45	522.65	504.59	541.36	547.53	575.31	501.31	511.22
G 60.0	462.41	460.48	414.10	467.66	446.69	445.49	434.32	445.46	485.77	465.29	548.55	450.37	480.41
G 65.0	410.84	425.87	370.82	437.81	423.52	398.26	399.16	403.85	460.90	408.61	486.16	450.92	452.29
G 70.0	378.87	406.35	375.57	428.24	426.02	354.16	403.44	381.23	453.15	376.91	405.75	465.71	416.77
G 75.0	343.91	384.15	370.09	404.67	419.87	322.56	406.74	382.74	431.98	357.60	356.71	427.26	372.87
G 80.0	300.66	352.83	340.15	360.46	393.31	297.89	393.33	390.30	389.41	339.99	336.37	337.95	324.45
G 85.0	256.40	314.65	293.36	307.62	344.34	263.55	355.78	355.70	330.70	311.25	309.98	256.20	291.99
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00