

Luminaire

Code A734-001-39-27K
Name Domus B 55
Line OxyTech

Measurement

Code CL041A25F011G
Name Domus B 55

Source Data

Code	LED	Correlated Color Temperature (CCT)	0K	Q.ty	1
Name	LED COB 6W 350mA 2700K	Color rendering index (CRI)	0		
Line					

Measurement Data

Coordinate system	CG	Symmetry Type	Asymmetrical
Date	30-04-2025	Maximum Gamma Angle	180°
Measurement Distance	6.49m	Measurement Flux	118.0 lm
Maximum	1699.83 cd/klm	Position	C=90.0° G=57.0°
Remarks	RM25032703		

Electrical Parameters

Channel 1		Channel 2	
Voltage	230.14 V	Voltage	0.00 V
Current	0.04 A	Current	0.00 A
Power	7.85 W	Power	0.00 W
Frequency	0 Hz	Frequency	0 Hz
Power Factor	0.93	Power Factor	0.00

Environmental Parameters

Temperature	24.4 °C	Air Speed	0.0 m/s
Humidity	42.8 %		

Luminaire Dimensions

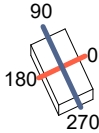
Rectangular Luminaire	Length	140 mm	Width	80 mm	Height	80 mm
Rectangular Luminous Area	Length	100 mm	Width	70 mm	Height	80 mm
Horizontal Luminous Area	0.007000 m2		Emitting area on Plane 180°	0.008000 m2		
Emitting area on Plane 0°	0.008000 m2		Emitting area on Plane 270°	0.005600 m2		
Emitting area on Plane 90°	0.005600 m2		Glare area at 76°	0.009456 m2		

Photometric Assessment

Luminaire Flux	118.0 lm	Source Flux	118.0 lm
Efficacy	15.044 lm/W	Efficiency	100.0 %
CIE Flux Codes	28 63 95 99 100	D DIN 5040	A11
F UTE	0.99 I + 0.01 T	B NBN	BZ 7 / 1 / BZ 6 / 4 / BZ 5

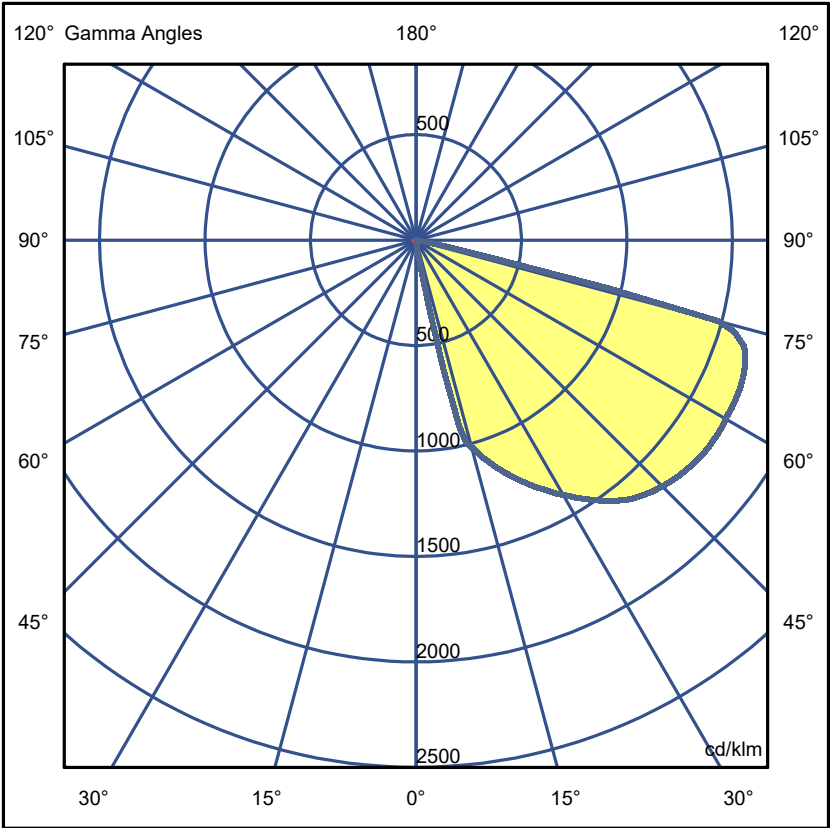


140mm x 80mm



C Halfplanes
180.0 — 0.0
270.0 — 90.0

ULOR 0.57 %
DLOR 99.43 %
RN 0.57 %



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Luminaire Flux	118 lm	Luminaire Power		7.8 W		Efficacy	15.044 lm/W		Efficiency	100.00%
Source Flux	118 lm	Maximum value		1699.83 cd/klm		Position	C=90.00 G=57.00		CG	Asymmetrical
Luminous Intensity Table cd/klm Table 1/3										
		C 0.00	C 45.00	C 90.00	C 135.00	C 180.00	C 225.00	C 270.00	C 315.00	
G 0.0	2	2	2	2	2	2	2	2	2	
G 1.0	2	2	2	3	3	2	1	1	1	
G 2.0	1	2	4	5	5	2	0	0	0	
G 3.0	1	2	7	7	7	2	0	0	0	
G 4.0	1	2	11	10	10	2	0	0	0	
G 5.0	1	3	16	13	13	3	0	0	0	
G 6.0	1	4	22	16	16	3	0	0	0	
G 7.0	1	5	31	19	19	3	0	0	0	
G 8.0	1	5	46	22	22	4	0	0	0	
G 9.0	1	6	80	25	25	4	0	0	0	
G 10.0	1	7	167	30	30	4	0	0	0	
G 11.0	1	8	344	37	37	4	0	0	0	
G 12.0	1	10	630	46	46	4	0	0	0	
G 13.0	1	12	908	57	57	4	0	0	0	
G 14.0	1	14	993	71	71	4	0	0	0	
G 15.0	1	16	1015	81	81	4	0	0	0	
G 16.0	1	18	1047	88	88	4	0	0	0	
G 17.0	1	21	1076	93	93	5	0	0	0	
G 18.0	1	24	1102	97	97	5	0	0	0	
G 19.0	1	26	1130	100	100	5	0	0	0	
G 20.0	1	28	1156	103	103	5	0	0	0	
G 21.0	1	30	1182	105	105	5	0	0	0	
G 22.0	1	32	1207	107	107	5	0	0	0	
G 23.0	1	34	1232	108	108	5	0	0	0	
G 24.0	1	36	1257	109	109	5	0	0	0	
G 25.0	1	37	1279	110	110	5	0	0	0	
G 26.0	1	39	1303	110	110	5	0	0	0	
G 27.0	1	40	1326	111	111	5	0	0	0	
G 28.0	1	41	1349	111	111	5	0	0	0	
G 29.0	1	42	1374	112	112	5	0	0	0	
G 30.0	1	43	1395	112	112	5	0	0	0	
G 31.0	1	43	1417	115	115	6	0	0	0	
G 32.0	1	44	1440	116	116	6	0	0	0	
G 33.0	1	44	1463	118	118	6	0	0	0	
G 34.0	1	44	1484	120	120	6	0	0	0	
G 35.0	1	44	1507	116	116	6	0	0	0	
G 36.0	1	44	1527	111	111	6	0	0	0	
G 37.0	1	44	1546	107	107	6	0	0	0	
G 38.0	1	43	1567	105	105	6	0	0	0	
G 39.0	1	42	1584	103	103	6	0	0	0	
G 40.0	1	42	1599	100	100	6	0	0	0	
G 41.0	1	41	1611	98	98	6	0	0	0	
G 42.0	1	40	1623	96	96	6	0	0	0	
G 43.0	1	39	1633	94	94	6	0	0	0	
G 44.0	1	38	1642	92	92	6	0	0	0	
G 45.0	1	36	1650	90	90	6	0	0	0	
G 46.0	1	35	1658	88	88	6	0	0	0	
G 47.0	1	34	1665	86	86	6	0	0	0	
G 48.0	1	34	1672	84	84	6	0	0	0	
G 49.0	1	33	1677	82	82	6	0	0	0	
G 50.0	1	32	1683	80	80	6	0	0	0	
G 51.0	1	32	1687	78	78	6	0	0	0	
G 52.0	1	32	1691	77	77	6	0	0	0	
G 53.0	1	31	1695	75	75	6	0	0	0	
G 54.0	1	31	1697	73	73	6	0	0	0	
G 55.0	1	31	1698	71	71	5	0	0	0	
G 56.0	1	30	1699	69	69	5	0	0	0	
G 57.0	1	30	1700	68	68	5	0	0	0	
G 58.0	1	30	1699	66	66	5	0	0	0	
G 59.0	1	29	1697	64	64	5	0	0	0	
G 60.0	1	29	1694	62	62	4	0	0	0	
G 61.0	1	28	1693	61	61	4	0	0	0	
G 62.0	1	28	1694	59	59	4	0	0	0	
G 63.0	1	27	1693	57	57	4	0	0	0	
G 64.0	1	27	1691	56	56	4	0	0	0	
G 65.0	1	26	1690	54	54	4	0	0	0	
G 66.0	1	25	1687	52	52	3	0	0	0	
G 67.0	1	25	1681	51	51	3	0	0	0	
G 68.0	1	24	1676	49	49	3	0	0	0	
G 69.0	1	23	1669	47	47	3	0	0	0	
G 70.0	1	22	1660	46	46	3	0	0	0	
G 71.0	1	21	1649	44	44	3	0	0	0	
G 72.0	1	20	1635	43	43	3	0	0	0	

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Source Flux	118 lm	Maximum value	1699.83 cd/klm	Position	C=90.00 G=57.00	CG	Asymmetrical

Luminous Intensity Table cd/klm Table 2/3

	C 0.00	C 45.00	C 90.00	C 135.00	C 180.00	C 225.00	C 270.00	C 315.00
G 73.0	1	19	1603	41	3	0	0	0
G 74.0	0	18	1565	39	2	0	0	0
G 75.0	0	17	1485	37	2	0	0	0
G 76.0	0	16	939	36	2	0	0	0
G 77.0	0	16	356	34	2	0	0	0
G 78.0	0	15	127	32	2	0	0	0
G 79.0	0	14	89	30	2	0	0	0
G 80.0	0	13	51	28	2	0	0	0
G 81.0	0	12	16	26	2	0	0	0
G 82.0	0	11	13	25	2	0	0	0
G 83.0	0	10	9	23	2	0	0	0
G 84.0	0	9	7	21	2	0	0	0
G 85.0	0	8	6	19	2	0	0	0
G 86.0	0	7	3	18	2	0	0	0
G 87.0	0	7	2	16	2	0	0	0
G 88.0	0	6	2	15	2	0	1	0
G 89.0	0	6	2	14	2	0	1	0
G 90.0	0	5	2	12	1	0	1	0
G 91.0	0	5	1	11	1	0	1	0
G 92.0	0	4	1	10	1	0	1	0
G 93.0	0	4	1	9	1	0	1	0
G 94.0	0	3	1	8	1	0	1	0
G 95.0	0	3	1	7	1	0	1	0
G 96.0	0	3	1	7	1	0	1	0
G 97.0	0	3	1	6	1	0	1	0
G 98.0	0	2	1	6	1	0	1	0
G 99.0	0	2	1	5	1	0	1	0
G100.0	0	2	1	5	1	0	1	0
G101.0	0	2	1	4	1	0	1	0
G102.0	0	2	1	4	1	0	1	0
G103.0	0	2	0	3	1	0	1	0
G104.0	0	1	0	3	1	0	1	0
G105.0	0	1	0	3	1	0	1	0
G106.0	0	1	0	3	1	0	1	0
G107.0	0	1	0	3	1	0	1	0
G108.0	0	1	0	2	1	0	1	0
G109.0	0	1	0	2	1	0	1	0
G110.0	0	1	0	2	1	0	1	0
G111.0	0	1	0	2	1	0	1	0
G112.0	0	1	0	2	1	0	1	0
G113.0	0	1	0	2	1	0	1	0
G114.0	0	1	0	2	1	0	1	0
G115.0	0	1	0	2	1	0	1	1
G116.0	0	1	0	1	1	0	1	1
G117.0	0	1	0	1	1	0	1	1
G118.0	0	1	0	1	1	0	1	1
G119.0	0	1	0	1	1	0	1	1
G120.0	0	1	0	1	1	0	1	1
G121.0	0	1	0	1	1	0	1	1
G122.0	0	1	0	1	1	0	1	1
G123.0	0	1	0	1	1	0	1	1
G124.0	0	1	0	1	1	0	1	1
G125.0	0	0	0	1	1	0	1	1
G126.0	0	0	0	1	1	0	1	1
G127.0	0	0	0	1	1	0	1	1
G128.0	0	0	0	1	1	0	1	1
G129.0	0	0	0	1	1	0	1	1
G130.0	0	0	0	1	1	0	1	1
G131.0	0	0	0	1	1	0	1	1
G132.0	0	0	0	1	1	0	1	1
G133.0	0	0	0	1	1	0	1	1
G134.0	0	0	0	1	1	0	1	1
G135.0	0	0	0	1	1	0	1	1
G136.0	0	0	0	1	1	0	1	1
G137.0	0	0	0	1	1	1	1	1
G138.0	0	0	0	1	1	1	1	1
G139.0	0	0	0	1	1	1	1	1
G140.0	0	0	0	1	1	1	1	1
G141.0	0	0	0	1	1	1	1	1
G142.0	0	0	0	1	1	1	1	1
G143.0	0	0	0	1	1	1	1	1
G144.0	0	0	0	1	1	1	1	1
G145.0	0	0	0	1	0	1	1	1

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Luminaire Flux	118 lm	Luminaire Power	7.8 W	Efficacy	15.044 lm/W	Efficiency	100.00%
Source Flux	118 lm	Maximum value	1699.83 cd/klm	Position	C=90.00 G=57.00	CG	Asymmetrical

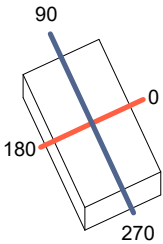
Luminous Intensity Table cd/klm Table 3/3

	C 0.00	C 45.00	C 90.00	C 135.00	C 180.00	C 225.00	C 270.00	C 315.00
G146.0	0	0	0	1	0	1	1	1
G147.0	0	0	0	1	0	1	1	1
G148.0	0	0	0	1	0	1	1	1
G149.0	0	0	0	1	0	1	1	1
G150.0	0	0	0	1	0	1	1	1
G151.0	1	0	0	1	0	1	1	1
G152.0	1	0	0	1	1	1	1	1
G153.0	1	1	0	1	1	1	1	1
G154.0	1	1	0	1	1	1	1	1
G155.0	1	1	1	1	1	0	1	1
G156.0	1	1	1	1	1	0	1	1
G157.0	1	1	1	1	1	1	1	1
G158.0	1	1	1	1	1	1	1	1
G159.0	1	1	1	1	1	1	1	1
G160.0	1	1	1	1	1	1	1	1
G161.0	1	1	1	1	1	1	1	1
G162.0	1	1	1	1	1	1	1	1
G163.0	1	1	1	1	1	1	1	1
G164.0	1	1	1	1	1	1	1	1
G165.0	1	1	1	1	1	1	1	1
G166.0	1	1	1	1	1	1	1	1
G167.0	1	1	1	1	1	1	1	1
G168.0	1	1	1	1	1	1	1	1
G169.0	1	1	1	1	1	1	1	1
G170.0	1	1	1	1	1	1	1	1
G171.0	1	1	1	1	1	1	1	1
G172.0	1	1	1	1	1	1	1	1
G173.0	1	1	1	1	1	1	1	1
G174.0	1	1	1	1	1	1	1	1
G175.0	1	1	1	1	1	1	1	1
G176.0	1	1	1	1	1	1	1	1
G177.0	1	1	1	1	1	1	1	1
G178.0	1	1	1	1	1	1	1	1
G179.0	1	1	1	1	1	1	1	1
G180.0	1	1	1	1	1	1	1	1

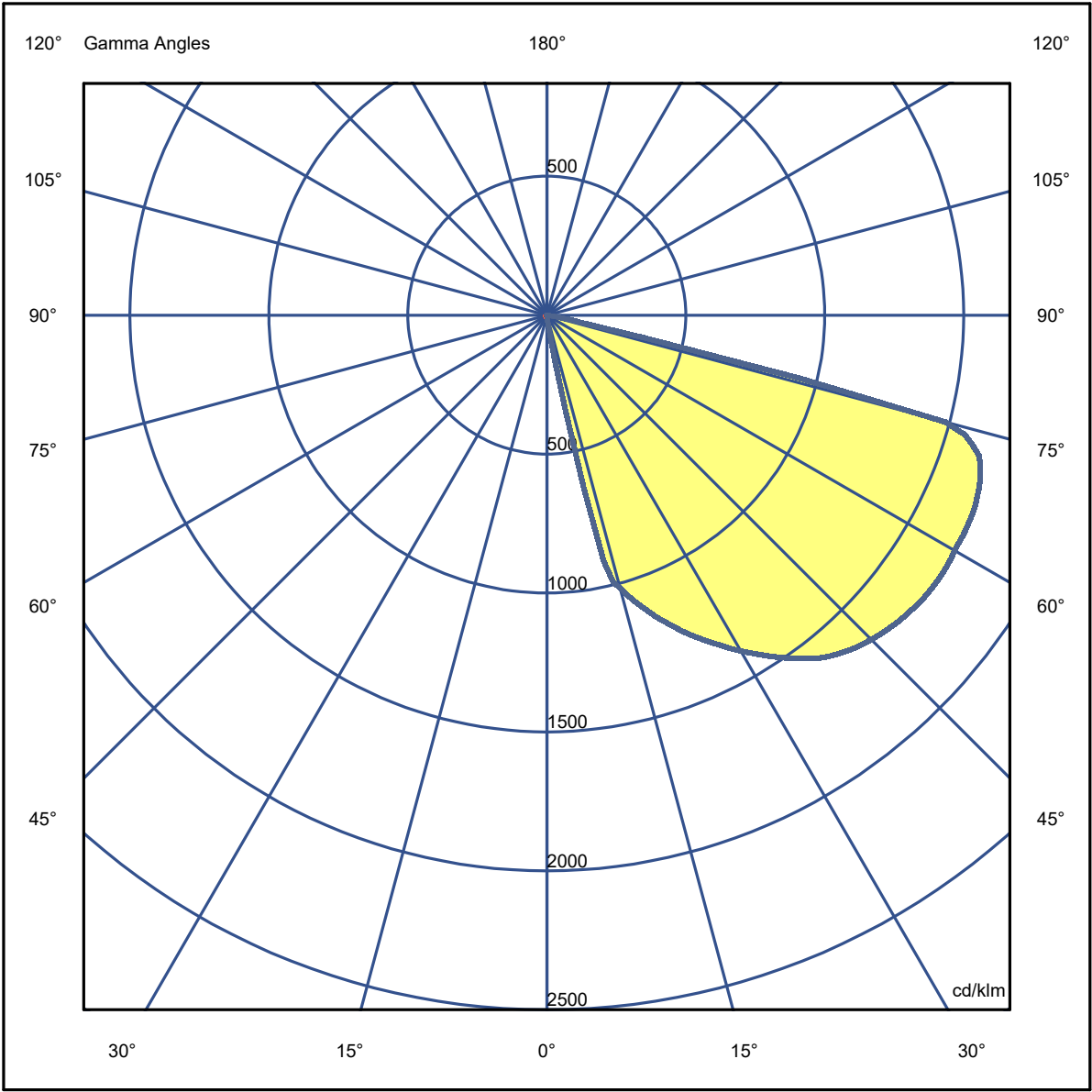
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Source Flux	118 lm	Maximum value	1699.83 cd/klm	Position	C=90.00 G=57.00	CG	Asymmetrical

140mm x 80mm



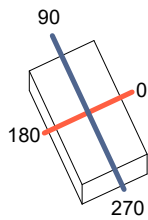
C Halfplanes



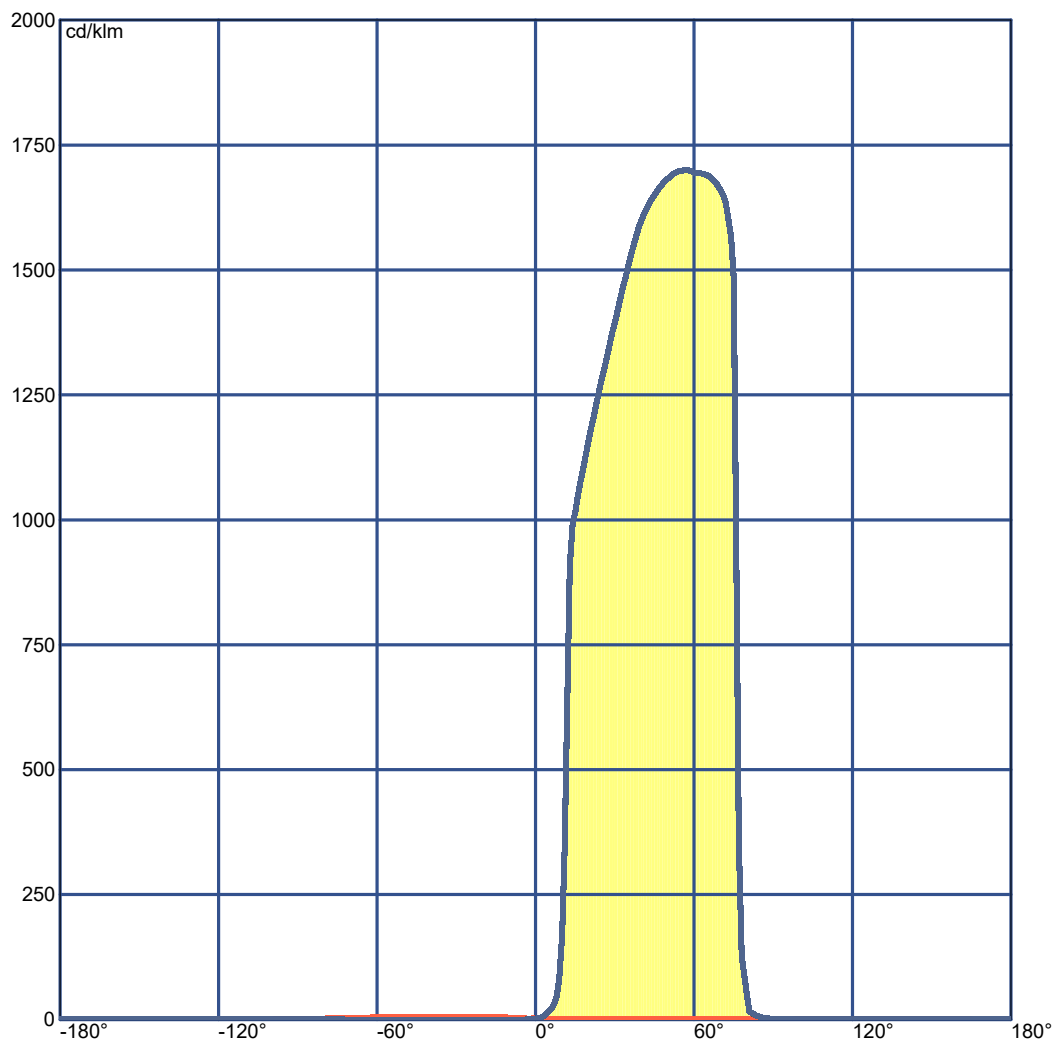
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Source Flux	118 lm	Maximum value	1699.83 cd/klm	Position	C=90.00 G=57.00	CG	Asymmetrical

140mm x 80mm



C Halfplanes
180.0 ————— 0.0
270.0 ————— 90.0



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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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions										
Room Dimensions	Lateral View					Viewed Endwise				
	x=2H y=2H	x=2H y=3H	x=2H y=4H	x=2H y=6H	x=2H y=8H	x=2H y=12H	x=4H y=2H	x=4H y=3H	x=4H y=4H	x=4H y=6H
x=2H y=2H	3.9	5.5	4.2	5.7	6.0	< 0	< 0	< 0	< 0	< 0
x=2H y=3H	4.0	5.5	4.4	5.8	6.1	< 0	< 0	< 0	< 0	< 0
x=2H y=4H	4.1	5.5	4.4	5.8	6.1	< 0	< 0	< 0	< 0	< 0
x=2H y=6H	4.1	5.3	4.4	5.7	6.0	< 0	< 0	< 0	< 0	< 0
x=2H y=8H	4.0	5.3	4.4	5.6	6.0	< 0	< 0	< 0	< 0	< 0
x=2H y=12H	4.0	5.2	4.4	5.5	5.9	< 0	< 0	< 0	< 0	< 0
x=4H y=2H	12.9	14.3	13.3	14.6	14.9	< 0	< 0	< 0	< 0	< 0
x=4H y=3H	12.8	14.0	13.2	14.4	14.7	< 0	< 0	< 0	< 0	< 0
x=4H y=4H	12.8	13.9	13.2	14.2	14.6	< 0	< 0	< 0	< 0	< 0
x=4H y=6H	12.7	13.7	13.2	14.1	14.5	< 0	< 0	< 0	< 0	< 0
x=4H y=8H	12.7	13.6	13.2	14.0	14.4	< 0	< 0	< 0	< 0	< 0
x=4H y=12H	12.7	13.5	13.2	13.9	14.3	< 0	< 0	< 0	< 0	< 0
x=8H y=4H	16.7	17.6	17.2	18.0	18.4	< 0	< 0	< 0	< 0	< 0
x=8H y=6H	16.7	17.4	17.2	17.9	18.3	< 0	< 0	< 0	< 0	< 0
x=8H y=8H	16.7	17.3	17.2	17.8	18.2	< 0	< 0	< 0	< 0	< 0
x=8H y=12H	16.7	17.2	17.2	17.7	18.2	< 0	< 0	< 0	< 0	< 0
x=12H y=4H	16.7	17.5	17.2	17.9	18.4	< 0	< 0	< 0	< 0	< 0
x=12H y=6H	16.7	17.3	17.2	17.8	18.3	< 0	< 0	< 0	< 0	< 0
x=12H y=8H	16.7	17.2	17.2	17.7	18.2	< 0	< 0	< 0	< 0	< 0

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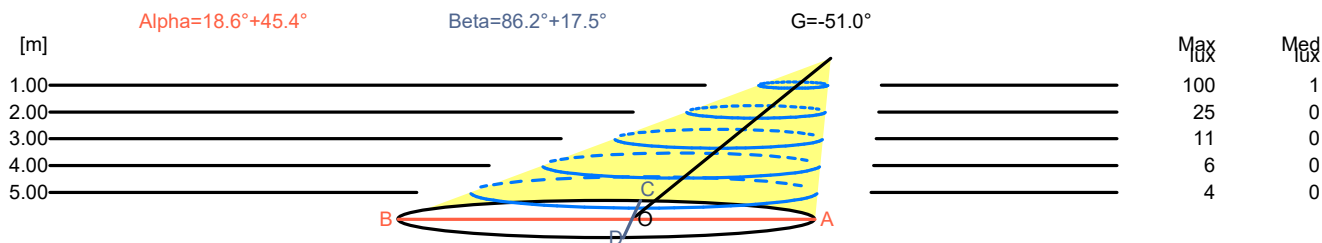
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Width at 50.00 % of Max Intensity

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	1.14	2.27	3.41	4.55	5.68	OC	23.97	47.94	71.90	95.87	119.84
OB	1.45	2.90	4.36	5.81	7.26	OD	0.50	1.00	1.50	2.00	2.50

	0	5	15	25	35	45	55	65	75	85
OA	0.21	0.15	0.13	0.13	0.11	0.10	0.08	0.07	0.06	0.05
OB	0.21	0.32	0.52	0.61	0.66	0.68	0.64	0.42	0.28	0.20
OC	0.21	1.93	119.79	151.00	177.80	194.75	200.45	199.41	175.24	0.67
OD	0.21	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.05



H[m]	D[m]	Max lux	Med lux	Alpha=18.6°+45.4°	G=-51.0
1.00	2.59	100	1		
2.00	5.18	25	0		
3.00	7.77	11	0		
4.00	10.36	6	0		
5.00	12.95	4	0		

H[m]	D[m]	Max lux	Med lux	Beta=17.5°+86.2°	G=0.0
1.00	24.47	100	1		
2.00	48.94	25	0		
3.00	73.40	11	0		
4.00	97.87	6	0		
5.00	122.34	4	0		

Luminaire

Code A734-001-39-27K

Name Domus B 55

Measurement

Code CL041A25F011G

Name Domus B 55

Luminaire Flux	118 lm	Luminaire Power	7.8 W	Efficacy	15.044 lm/W	Efficiency	100.00%
Source Flux	118 lm	Maximum value	1699.83 cd/klm	Position	C=90.00 G=57.00	CG Asymmetrical	

Total Flux=118.02 Luminaire Flux=118.02

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	0.17	0.25	0.32	0.40	0.46	0.57	0.64	0.70	0.77	0.82	0.92	0.97
RC	9	8	8	8	7	7	7	7	6	6	5	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)	1	38	121	252	424	627	846	989	994	996	997	998	999	999	999	1000	1000	1000

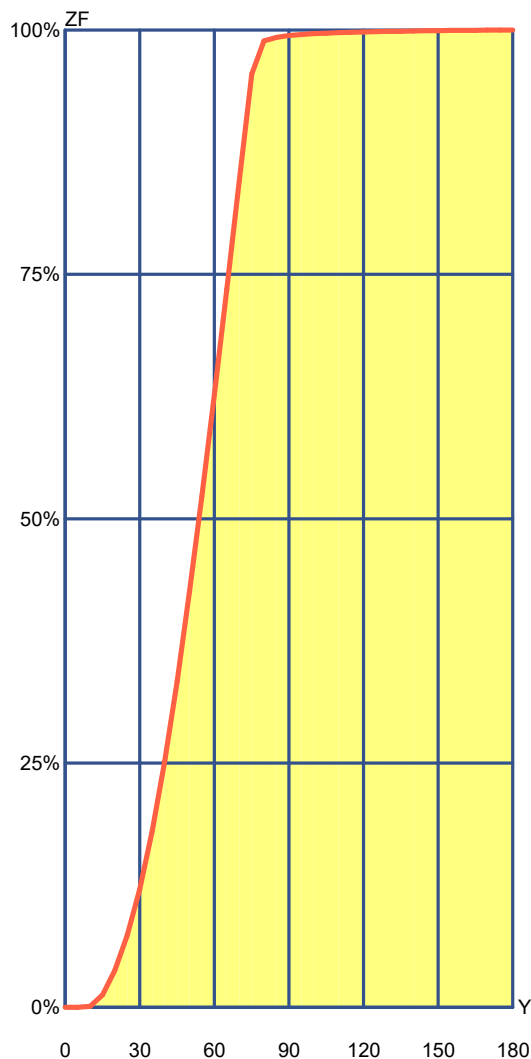
CIE Flux Codes

28 63 95 99 100

C.I.E.
D DIN 5040
F UTE
B NBN
RN
BLF

9/8/8/8/7/7/7/6/6/5/3
A11
0.99 I + 0.01 T
BZ 7 / 1 / BZ 6 / 4 / BZ 5
0.56509 %
1.0

LOR 100.00000 %
ULOR 0.56509 %
DLOR 99.43491 %
UFF 0.56509 %
DFF 99.43491 %
FFR 0.56830 %



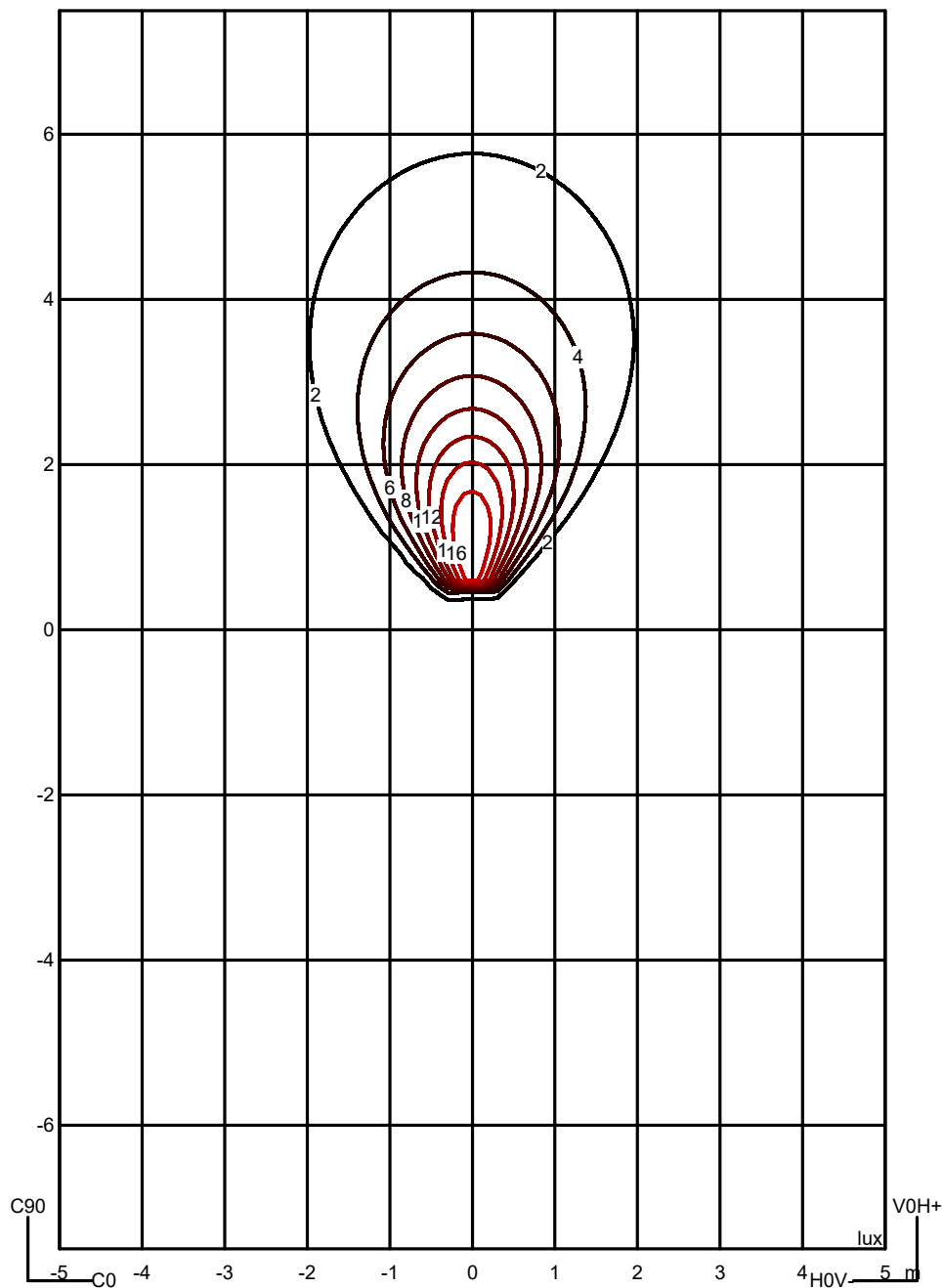
Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	0.07	0.07	0.01 %	0.01 %
10°	0.83	0.90	0.08 %	0.09 %
15°	11.80	12.70	1.18 %	1.27 %
20°	25.01	37.71	2.50 %	3.77 %
25°	35.86	73.57	3.59 %	7.36 %
30°	47.37	120.94	4.74 %	12.09 %
35°	59.61	180.55	5.96 %	18.05 %
40°	71.45	252.00	7.14 %	25.20 %
45°	81.84	333.83	8.18 %	33.38 %
50°	90.61	424.44	9.06 %	42.44 %
55°	98.17	522.60	9.82 %	52.26 %
60°	104.06	626.67	10.41 %	62.67 %
65°	108.37	735.03	10.84 %	73.50 %
70°	111.11	846.15	11.11 %	84.61 %
75°	109.10	955.25	10.91 %	95.52 %
80°	33.73	988.98	3.37 %	98.90 %
85°	3.49	992.47	0.35 %	99.25 %
90°	1.88	994.35	0.19 %	99.43 %
95°	1.20	995.55	0.12 %	99.55 %
100°	0.79	996.34	0.08 %	99.63 %
105°	0.57	996.91	0.06 %	99.69 %
110°	0.44	997.35	0.04 %	99.73 %
115°	0.37	997.72	0.04 %	99.77 %
120°	0.32	998.04	0.03 %	99.80 %
125°	0.28	998.32	0.03 %	99.83 %
130°	0.26	998.58	0.03 %	99.86 %
135°	0.24	998.82	0.02 %	99.88 %
140°	0.22	999.03	0.02 %	99.90 %
145°	0.20	999.23	0.02 %	99.92 %
150°	0.17	999.40	0.02 %	99.94 %
155°	0.16	999.56	0.02 %	99.96 %
160°	0.14	999.70	0.01 %	99.97 %
165°	0.12	999.82	0.01 %	99.98 %
170°	0.10	999.92	0.01 %	99.99 %
175°	0.06	999.98	0.01 %	100.00 %
180°	0.02	1000.00	0.00 %	100.00 %

Luminaire
Code A734-001-39-27K
Name Domus B 55
Measurement
Code CL041A25F011G
Name Domus B 55

Luminaire Flux	118 lm	Luminaire Power	7.8 W	Efficacy	15.044 lm/W	Efficiency	100.00%
Source Flux	118 lm	Maximum value	1699.83 cd/klm	Position	C=90.00 G=57.00	CG	Asymmetrical

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire

Code A734-001-39-27K

Name Domus B 55

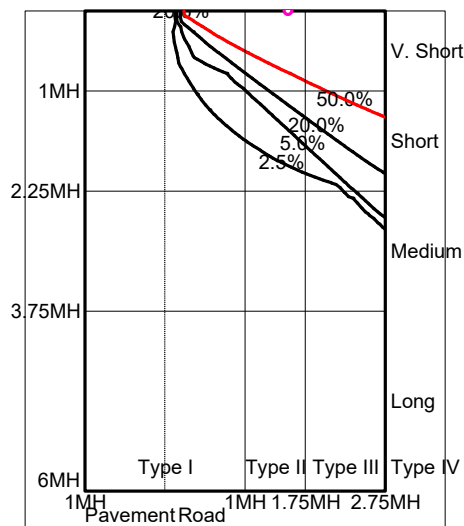
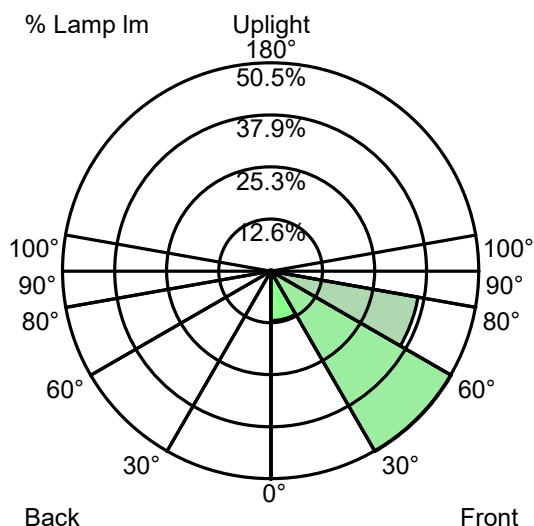
Measurement

Code CL041A25F011G

Name Domus B 55

Luminaire Flux	118 lm	Luminaire Power	7.8 W	Efficacy	15.044 lm/W	Efficiency	100.00%
Source Flux	118 lm	Maximum value	1699.83 cd/klm	Position	C=90.00 G=57.00	CG	Asymmetrical

US ROAD STANDARDS



Luminaire Classification System (LCS)

LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	14.2 lm	12.0 %	12.0 %
FM	30° -- 60°	59.6 lm	50.5 %	50.5 %
FH	60° -- 80°	42.8 lm	36.3 %	36.3 %
FVH	80° -- 90°	0.6 lm	0.5 %	0.5 %
BL	0° -- 30°	0.0 lm	0.0 %	0.0 %
BM	30° -- 60°	0.1 lm	0.1 %	0.1 %
BH	60° -- 80°	0.1 lm	0.0 %	0.0 %
BVH	80° -- 90°	0.0 lm	0.0 %	0.0 %
UL	90° -- 100°	0.2 lm	0.2 %	0.2 %
UH	100° -- 180°	0.4 lm	0.3 %	0.3 %
TOTALS		118.0 lm	100.0 %	100.0 %
BUG B0 U1 G0 Type III Very Short Asymmetrical				