

Luminaire

Code A734-003-39-27K
Name Domus B 26
Line OxyTech

Measurement

Code CL041A25F009G
Name Domus B 26

Source Data

Code LED
Name LED COB 6W 350mA 2700K
Line

Correlated Color Temperature (CCT) 0K
Color rendering index (CRI) 0

Q.ty 1

Measurement Data

Coordinate system CG
Date 29-04-2025
Measurement Distance 6.49m
Maximum 1975.33 cd/klm
Remarks RM25032701

Symmetry Type Asymmetrical
Maximum Gamma Angle 180°
Measurement Flux 98.0 lm
Position C=90.0° G=55.0°

Electrical Parameters

Channel 1
Voltage 230.23 V
Current 0.04 A
Power 7.85 W
Frequency 0 Hz
Power Factor 0.93

Channel 2
Voltage 0.00 V
Current 0.00 A
Power 0.00 W
Frequency 0 Hz
Power Factor 0.00

Environmental Parameters

Temperature 24.5 °C
Humidity 45.9 %

Air Speed 0.0 m/s

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			

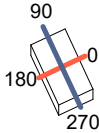
Photometric Assessment

Luminaire Flux 98.0 lm
Efficacy 12.492 lm/W
CIE Flux Codes 25 65 96 99 100
F UTE 0.99 I + 0.01 T

Source Flux 98.0 lm
Efficiency 100.0 %
D DIN 5040 A11
B NBN BZ 8 / 0.8 / BZ 7 / 1.25 / BZ 6 / 3 / BZ 5

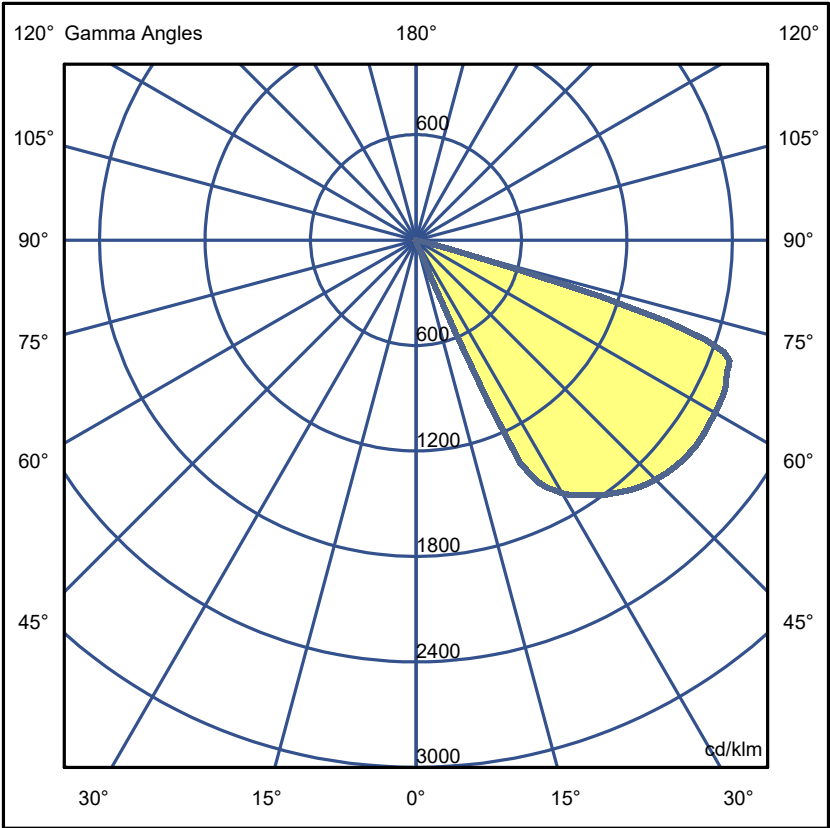


140mm x 80mm



C Halfplanes
180.0 0.0
270.0 90.0

ULOR 0.94 %
DLOR 99.06 %
RN 0.94 %



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Luminaire Flux	98 lm		Luminaire Power			7.8 W	Efficacy	12.492 lm/W			Efficiency		100.00%
Source Flux	98 lm		Maximum value			1975.33 cd/klm	Position	C=90.00 G=55.00			CG	Asymmetrical	
Luminous Intensity Table cd/klm Table 1/2													
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00
G 0.0	2	2	2	2	2	2	2	2	2	2	2	2	2
G 2.5	1	1	1	2	3	4	4	4	4	5	6	7	2
G 5.0	1	1	2	3	5	7	7	8	7	7	8	9	3
G 7.5	1	1	2	4	7	10	12	13	12	11	10	10	4
G 10.0	1	1	2	5	10	14	18	19	18	15	12	11	4
G 12.5	1	1	2	6	13	20	25	27	25	19	14	11	4
G 15.0	1	1	2	8	17	29	33	35	32	24	16	12	4
G 17.5	1	1	2	9	23	39	39	43	37	28	18	12	4
G 20.0	1	1	2	11	31	52	48	389	47	32	19	12	4
G 22.5	1	1	2	14	39	63	363	1402	74	39	20	12	4
G 25.0	1	1	2	17	48	234	1400	1517	95	48	23	12	4
G 27.5	1	1	3	21	56	1410	1592	1600	110	61	27	13	4
G 30.0	1	1	3	25	63	1603	1663	1668	122	72	32	13	4
G 32.5	1	1	3	29	66	1663	1718	1728	129	80	36	14	4
G 35.0	1	1	4	31	68	1713	1773	1780	133	85	39	15	4
G 37.5	1	1	4	33	68	1754	1819	1827	135	87	41	15	4
G 40.0	1	1	4	33	67	1789	1861	1865	135	87	43	16	4
G 42.5	0	1	4	33	65	1818	1898	1896	134	85	43	16	4
G 45.0	0	1	4	32	62	1844	1926	1924	131	82	43	17	4
G 47.5	0	1	4	31	59	1861	1949	1944	127	78	42	17	4
G 50.0	0	1	4	30	55	1871	1963	1957	122	74	41	17	4
G 52.5	0	1	4	28	52	1877	1972	1963	116	70	39	16	4
G 55.0	0	1	4	27	48	1876	1975	1964	110	65	38	16	4
G 57.5	0	1	3	25	44	1867	1968	1957	102	61	36	15	4
G 60.0	0	1	3	24	40	1853	1965	1944	94	56	35	15	4
G 62.5	0	1	3	22	37	1845	1958	1933	85	52	33	14	4
G 65.0	0	1	3	21	35	1830	1946	1918	80	48	31	14	4
G 67.5	0	1	3	19	32	1802	1917	1892	74	44	29	13	3
G 70.0	0	1	2	18	29	1749	1865	1851	67	40	27	13	3
G 72.5	0	1	2	16	26	756	1324	1790	57	36	26	12	3
G 75.0	0	0	2	14	23	37	194	1273	46	32	24	11	3
G 77.5	0	0	2	12	20	22	22	246	36	28	21	10	3
G 80.0	0	0	2	10	16	16	12	31	26	24	19	10	3
G 82.5	0	0	1	9	14	11	6	16	19	21	17	9	3
G 85.0	0	0	1	7	11	9	3	11	14	17	15	8	2
G 87.5	0	0	1	6	9	7	2	6	11	15	13	7	2
G 90.0	0	0	1	5	8	6	1	4	8	12	11	7	2
G 92.5	0	0	1	4	6	5	1	3	7	10	10	6	2
G 95.0	0	0	1	3	5	4	1	3	5	8	8	5	2
G 97.5	0	0	1	3	4	3	1	2	4	7	7	5	2
G100.0	0	0	1	2	4	3	1	2	4	6	6	4	2
G102.5	0	0	0	2	3	3	1	2	3	5	5	4	1
G105.0	0	0	0	2	3	2	1	2	3	4	5	4	1
G107.5	0	0	0	1	2	2	0	2	3	4	4	3	1
G110.0	0	0	0	1	2	2	0	2	2	3	3	3	1
G112.5	0	0	0	1	2	2	0	2	2	3	3	3	1
G115.0	0	0	0	1	2	2	1	2	2	3	3	2	1
G117.5	0	0	0	1	2	2	1	2	2	2	2	2	1
G120.0	0	0	0	1	2	2	1	2	2	2	2	2	1
G122.5	0	0	0	1	2	2	1	2	2	2	2	2	1
G125.0	0	0	0	1	2	2	1	2	2	2	2	2	1
G127.5	0	0	0	1	2	2	1	2	2	2	2	2	1
G130.0	0	0	0	1	2	2	1	2	2	2	2	2	1
G132.5	0	0	0	1	2	2	1	3	2	2	2	2	1
G135.0	0	0	0	1	2	2	1	3	3	2	2	2	1
G137.5	0	0	0	1	2	2	1	3	3	2	2	2	1
G140.0	1	0	0	1	2	3	1	3	3	2	2	2	1
G142.5	1	0	0	1	2	3	1	3	3	2	2	2	1
G145.0	1	1	0	1	2	3	1	3	3	3	2	2	1
G147.5	1	1	1	1	2	2	1	3	3	3	2	2	1
G150.0	1	1	1	1	2	2	1	3	3	3	2	2	1
G152.5	1	1	1	1	2	2	2	3	3	3	2	2	1
G155.0	1	1	1	1	2	2	2	3	3	3	3	2	1
G157.5	1	1	1	1	2	2	2	2	3	3	3	2	1
G160.0	1	1	1	1	2	2	1	2	3	3	3	2	1
G162.5	1	1	1	1	2	2	1	2	2	3	2	2	1
G165.0	1	1	1	1	1	1	1	1	2	2	2	2	1
G167.5	1	1	1	1	1	1	1	1	1	2	2	1	1
G170.0	1	1	1	1	1	1	1	1	1	1	1	1	2
G172.5	1	1	1	1	1	1	1	1	1	1	1	1	2
G175.0	1	1	1	1	1	1	1	1	1	1	1	1	1
G177.5	1	1	1	1	1	1	1	1	1	1	1	1	1
G180.0	1	1	1	1	1	1	1	1	1	1	1	1	1

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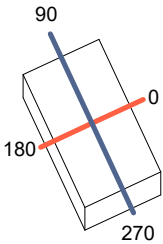
Name Domus B 26

Luminaire Flux	98 lm	Luminaire Power				7.8 W	Efficacy	12.492 lm/W			Efficiency	100.00%
Source Flux	98 lm	Maximum value				1975.33 cd/klm	Position	C=90.00 G=55.00			CG	Asymmetrical
Luminous Intensity Table cd/klm												
Table 2/2												
	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00	
G 0.0	2	2	2	2	2	2	2	2	2	2	2	
G 2.5	2	1	1	0	0	0	0	0	1	2	5	
G 5.0	2	1	0	0	0	0	0	0	1	2	4	
G 7.5	2	1	0	0	0	0	0	0	1	2	4	
G 10.0	2	0	0	0	0	0	0	0	1	2	4	
G 12.5	2	0	0	0	0	0	0	0	1	2	3	
G 15.0	2	0	0	0	0	0	0	0	0	2	3	
G 17.5	2	0	0	0	0	0	0	0	0	2	3	
G 20.0	2	0	0	0	0	0	0	0	0	2	3	
G 22.5	2	0	0	0	0	0	0	0	0	1	3	
G 25.0	2	0	0	0	0	0	0	0	0	1	3	
G 27.5	2	0	0	0	0	0	0	0	0	1	3	
G 30.0	2	0	0	0	0	0	0	0	0	1	3	
G 32.5	1	0	0	0	0	0	0	0	0	1	3	
G 35.0	1	0	0	0	0	0	0	0	0	1	2	
G 37.5	1	0	0	0	0	0	0	0	0	1	2	
G 40.0	1	0	0	0	0	0	0	0	0	1	2	
G 42.5	1	0	0	0	0	0	0	0	0	1	2	
G 45.0	1	0	0	0	0	0	0	0	0	0	2	
G 47.5	1	0	0	0	0	0	0	0	0	0	2	
G 50.0	1	0	0	0	0	0	0	0	0	0	2	
G 52.5	1	0	0	0	0	0	0	0	0	0	1	
G 55.0	1	0	0	0	0	0	0	0	0	0	1	
G 57.5	1	0	0	0	0	0	0	0	0	0	1	
G 60.0	1	0	0	0	0	0	0	0	0	0	1	
G 62.5	1	0	0	0	0	0	0	0	0	0	1	
G 65.0	1	0	0	0	0	0	0	0	0	0	1	
G 67.5	1	0	0	0	0	0	0	0	0	0	0	
G 70.0	1	0	0	0	0	0	0	0	0	0	0	
G 72.5	1	0	0	0	0	0	0	0	0	0	0	
G 75.0	1	0	0	0	0	0	0	0	0	0	0	
G 77.5	1	0	0	0	0	0	0	0	0	0	0	
G 80.0	1	0	0	0	1	0	0	0	0	0	0	
G 82.5	1	0	0	1	1	1	1	0	0	0	0	
G 85.0	1	0	0	1	1	1	1	1	0	0	0	
G 87.5	1	0	0	1	1	1	1	1	1	0	0	
G 90.0	1	0	1	1	1	1	1	1	1	0	0	
G 92.5	1	0	1	1	1	1	1	1	1	0	0	
G 95.0	1	0	1	1	1	1	1	1	1	0	0	
G 97.5	1	1	1	1	1	1	1	1	1	0	0	
G100.0	1	1	1	1	1	1	1	1	1	0	0	
G102.5	1	1	1	1	1	1	1	1	1	1	0	
G105.0	1	1	1	1	1	1	1	1	1	1	0	
G107.5	1	1	1	1	1	1	1	1	1	1	0	
G110.0	1	1	1	1	1	1	1	1	1	1	0	
G112.5	1	1	1	1	1	2	1	1	1	1	0	
G115.0	1	1	1	1	1	2	1	1	1	1	0	
G117.5	1	1	1	1	1	1	1	1	1	1	1	
G120.0	1	1	1	1	1	1	1	1	1	1	1	
G122.5	1	1	1	1	1	1	1	1	1	1	1	
G125.0	1	1	1	1	1	1	1	1	1	1	1	
G127.5	1	1	1	1	1	1	1	1	1	1	1	
G130.0	1	1	1	1	1	1	1	1	1	1	1	
G132.5	1	1	1	1	1	1	1	1	1	1	1	
G135.0	1	1	1	1	1	1	1	1	1	1	1	
G137.5	1	1	1	1	1	1	1	1	1	1	1	
G140.0	1	1	1	1	1	1	1	1	1	1	1	
G142.5	1	1	1	1	1	1	1	1	1	1	1	
G145.0	1	1	1	1	1	1	1	1	1	1	1	
G147.5	1	1	1	1	1	1	1	1	1	1	1	
G150.0	1	1	1	1	1	1	1	1	1	1	1	
G152.5	1	1	1	1	1	1	1	1	1	1	1	
G155.0	1	1	1	1	1	1	1	1	1	1	1	
G157.5	1	1	1	1	1	1	1	1	1	1	1	
G160.0	1	1	1	1	1	1	1	1	1	1	1	
G162.5	1	1	1	1	1	1	1	1	1	1	1	
G165.0	1	1	1	1	1	1	1	1	1	1	1	
G167.5	1	1	1	1	1	1	1	1	1	1	1	
G170.0	1	1	1	1	1	1	1	1	1	1	1	
G172.5	1	1	1	1	1	1	1	1	1	1	1	
G175.0	1	1	1	1	1	1	1	1	1	1	1	
G177.5	1	1	1	1	1	1	1	1	1	1	1	
G180.0	1	1	1	1	1	1	1	1	1	1	1	

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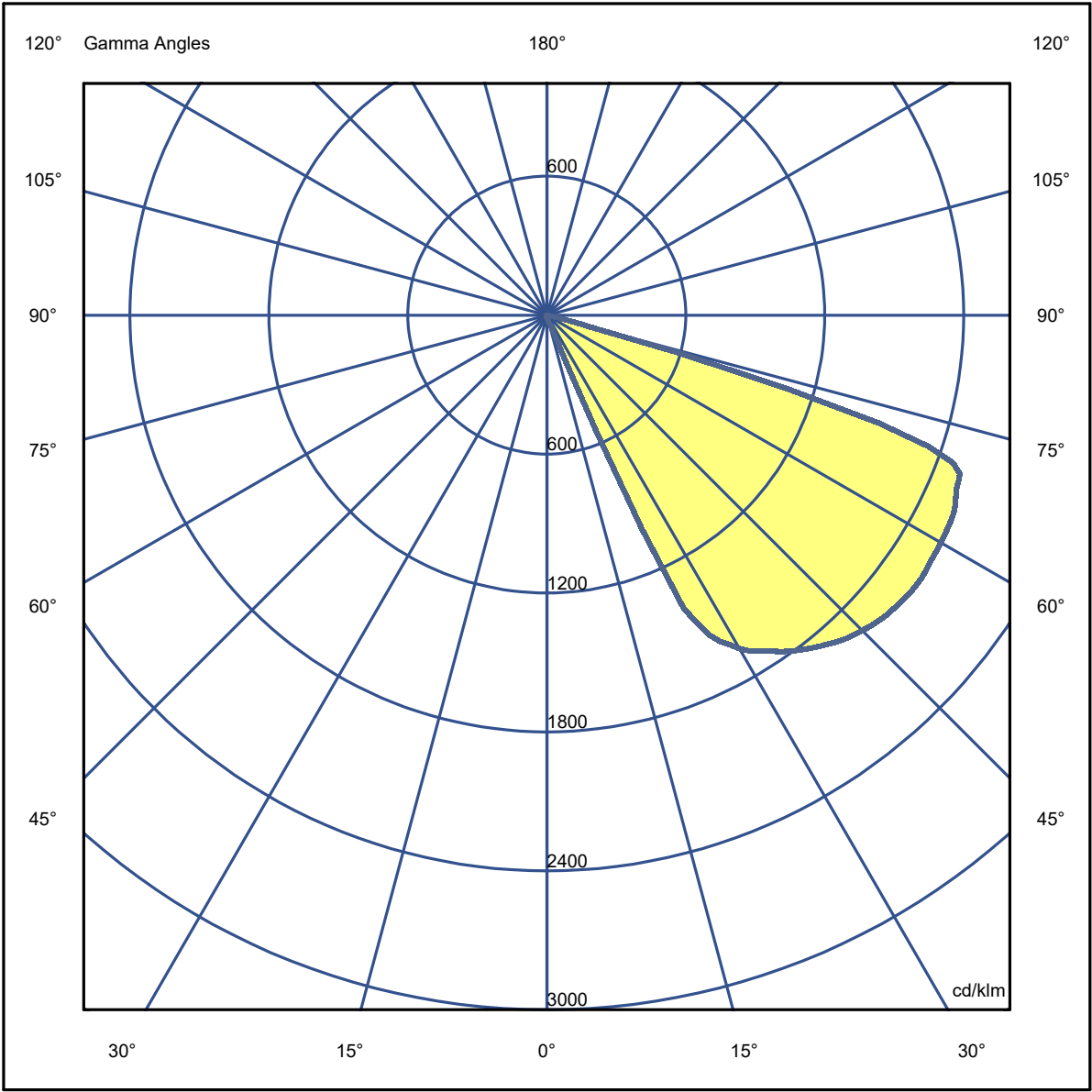
Luminaire Flux	98 lm	Luminaire Power	7.8 W	Efficacy	12.492 lm/W	Efficiency	100.00%
Source Flux	98 lm	Maximum value	1975.33 cd/klm	Position	C=90.00 G=55.00	CG	Asymmetrical

140mm x 80mm



C Halfplanes

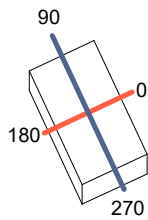
180.0 ————— 0.0
270.0 ————— 90.0



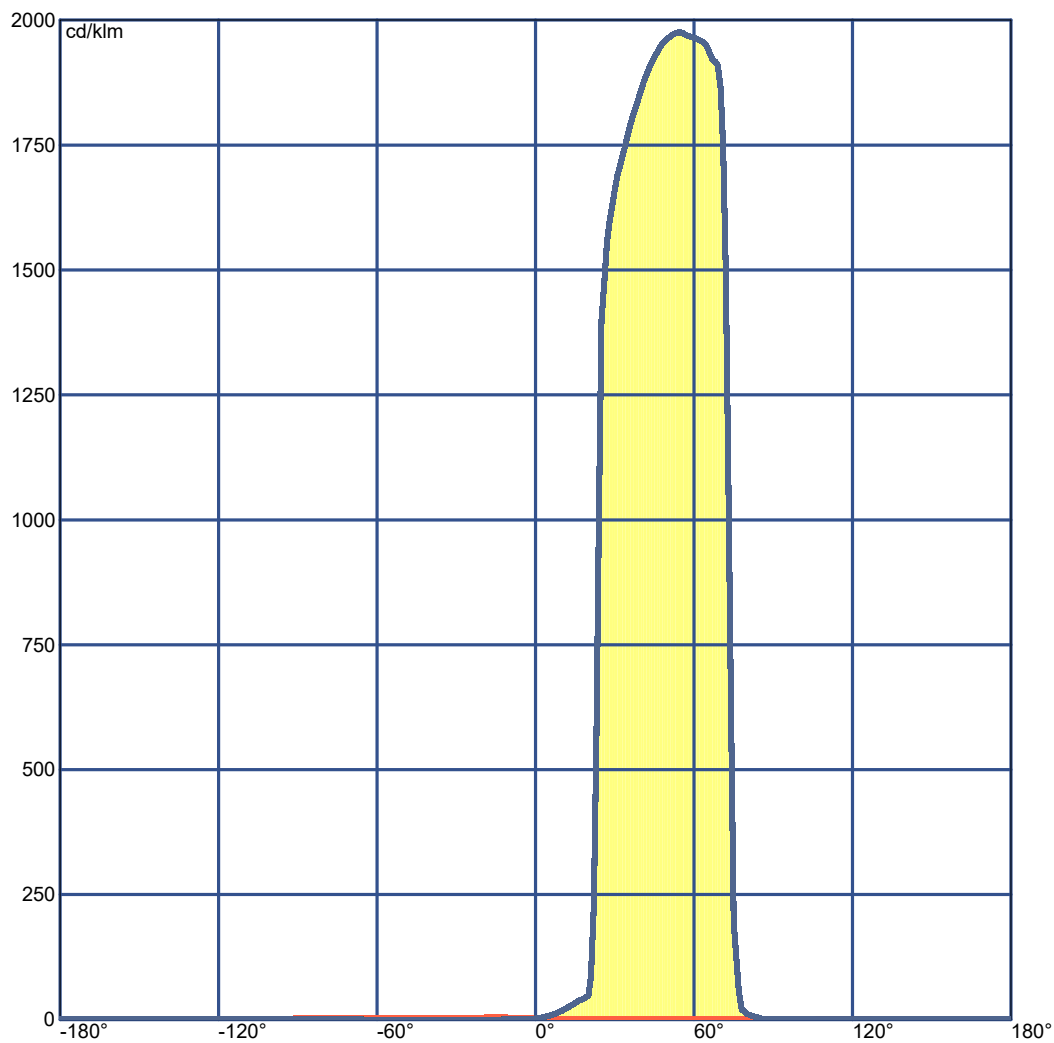
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140mm x 80mm



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



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Source Flux	98 lm	Maximum value	1975.33 cd/klm	Position	C=90.00 G=55.00	CG	Asymmetrical

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				
	< 0	0.6	< 0	0.9	1.2	< 0	< 0	< 0	< 0	< 0
x=2H y=2H	< 0	0.6	< 0	0.9	1.2	< 0	< 0	< 0	< 0	< 0
x=2H y=3H	< 0	1.0	< 0	1.3	1.6	< 0	< 0	< 0	< 0	< 0
x=2H y=4H	< 0	1.1	0.0	1.4	1.7	< 0	< 0	< 0	< 0	< 0
x=2H y=6H	< 0	1.1	0.2	1.4	1.8	< 0	< 0	< 0	< 0	< 0
x=2H y=8H	< 0	1.1	0.2	1.4	1.8	< 0	< 0	< 0	< 0	< 0
x=2H y=12H	< 0	1.0	0.3	1.4	1.8	< 0	< 0	< 0	< 0	< 0
x=4H y=2H	8.6	10.0	9.0	10.4	10.7	< 0	< 0	< 0	< 0	< 0
x=4H y=3H	8.6	9.8	9.0	10.2	10.5	< 0	< 0	< 0	< 0	< 0
x=4H y=4H	8.6	9.7	9.1	10.1	10.4	< 0	< 0	< 0	< 0	< 0
x=4H y=6H	8.6	9.5	9.1	9.9	10.4	< 0	< 0	< 0	< 0	< 0
x=4H y=8H	8.6	9.5	9.1	9.9	10.3	< 0	< 0	< 0	< 0	< 0
x=4H y=12H	8.6	9.4	9.1	9.8	10.3	< 0	< 0	< 0	< 0	< 0
x=8H y=4H	13.2	14.1	13.7	14.5	15.0	< 0	< 0	< 0	< 0	< 0
x=8H y=6H	13.2	13.9	13.7	14.4	14.8	< 0	< 0	< 0	< 0	< 0
x=8H y=8H	13.2	13.8	13.7	14.3	14.8	< 0	< 0	< 0	< 0	< 0
x=8H y=12H	13.2	13.7	13.7	14.2	14.7	< 0	< 0	< 0	< 0	< 0
x=12H y=4H	13.3	14.0	13.7	14.5	14.9	< 0	< 0	< 0	< 0	< 0
x=12H y=6H	13.3	13.9	13.8	14.3	14.8	< 0	< 0	< 0	< 0	< 0
x=12H y=8H	13.3	13.8	13.8	14.3	14.8	< 0	< 0	< 0	< 0	< 0

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Luminaire Flux	98 lm	Luminaire Power	7.8 W	Efficacy	12.492 lm/W	Efficiency	100.00%
Source Flux	98 lm	Maximum value	1975.33 cd/klm	Position	C=90.00 G=55.00	CG Asymmetrical	

Total Flux= 98.04 Luminaire Flux= 98.04

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	0.14	0.23	0.30	0.39	0.46	0.57	0.65	0.70	0.78	0.82	0.92	0.97
RC	9	9	8	8	8	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)	0	4	71	218	414	643	887	985	991	993	995	996	997	998	999	1000	1000	1000

CIE Flux Codes

25 65 96 99 100

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

9/9/8/8/8/7/7/6/6/5/3

A11

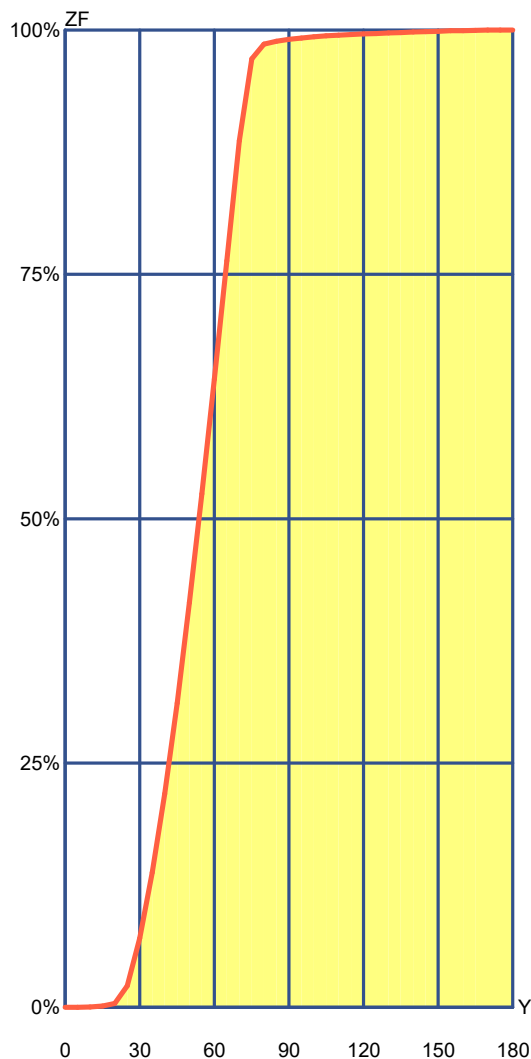
0.99 I + 0.01 T

BZ 8 / 0.8 / BZ 7 / 1.25 / BZ 6 / 3 / BZ 5

0.94438 %

1.0

LOR 100.00000 %
ULOR 0.94438 %
DLOR 99.05562 %
UFF 0.94438 %
DFF 99.05562 %
FFR 0.95338 %



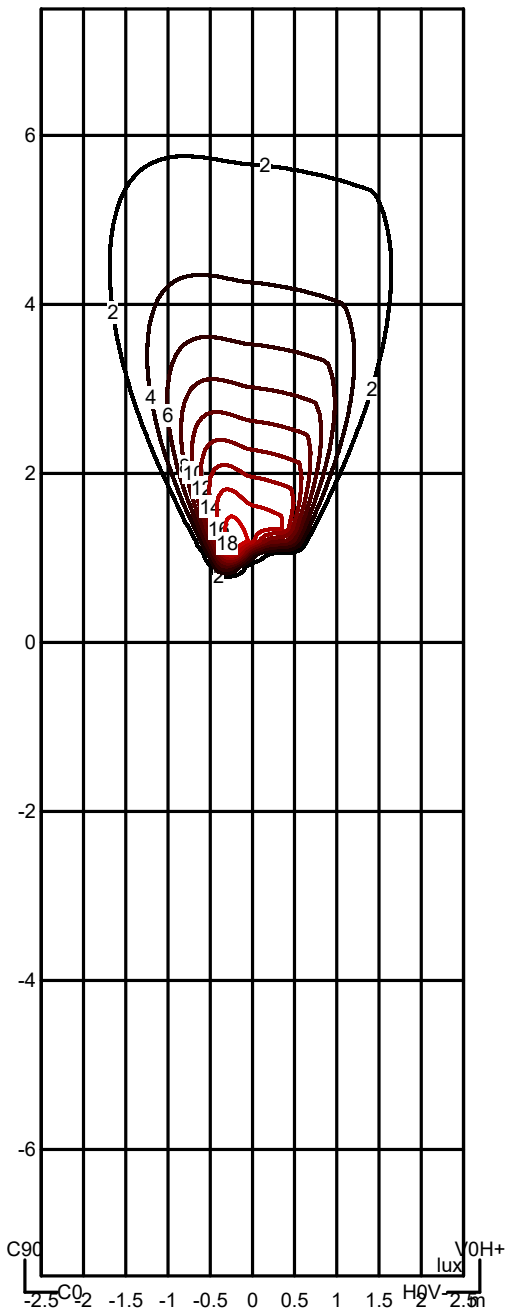
Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	0.07	0.07	0.01 %	0.01 %
10°	0.33	0.39	0.03 %	0.04 %
15°	0.90	1.29	0.09 %	0.13 %
20°	2.47	3.76	0.25 %	0.38 %
25°	18.12	21.88	1.81 %	2.19 %
30°	48.96	70.84	4.90 %	7.08 %
35°	67.17	138.01	6.72 %	13.80 %
40°	80.48	218.49	8.05 %	21.85 %
45°	92.54	311.03	9.25 %	31.10 %
50°	102.97	413.99	10.30 %	41.40 %
55°	111.29	525.29	11.13 %	52.53 %
60°	117.22	642.51	11.72 %	64.25 %
65°	121.31	763.82	12.13 %	76.38 %
70°	122.75	886.57	12.28 %	88.66 %
75°	83.92	970.49	8.39 %	97.05 %
80°	14.98	985.47	1.50 %	98.55 %
85°	3.07	988.55	0.31 %	98.85 %
90°	2.01	990.56	0.20 %	99.06 %
95°	1.44	991.99	0.14 %	99.20 %
100°	1.10	993.09	0.11 %	99.31 %
105°	0.88	993.97	0.09 %	99.40 %
110°	0.75	994.72	0.07 %	99.47 %
115°	0.65	995.37	0.07 %	99.54 %
120°	0.58	995.95	0.06 %	99.60 %
125°	0.54	996.49	0.05 %	99.65 %
130°	0.51	997.00	0.05 %	99.70 %
135°	0.49	997.49	0.05 %	99.75 %
140°	0.48	997.97	0.05 %	99.80 %
145°	0.46	998.42	0.05 %	99.84 %
150°	0.42	998.84	0.04 %	99.88 %
155°	0.37	999.21	0.04 %	99.92 %
160°	0.30	999.51	0.03 %	99.95 %
165°	0.23	999.74	0.02 %	99.97 %
170°	0.15	999.88	0.01 %	99.99 %
175°	0.09	999.97	0.01 %	100.00 %
180°	0.03	1000.00	0.00 %	100.00 %

Luminaire
Code A734-003-39-27K
Name Domus B 26
Measurement
Code CL041A25F009G
Name Domus B 26

Luminaire Flux	98 lm	Luminaire Power	7.8 W	Efficacy	12.492 lm/W	Efficiency	100.00%
Source Flux	98 lm	Maximum value	1975.33 cd/klm	Position	C=90.00 G=55.00	CG	Asymmetrical

Isolux (Floor)

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



Luminaire

Code A734-003-39-27K

Name Domus B 26

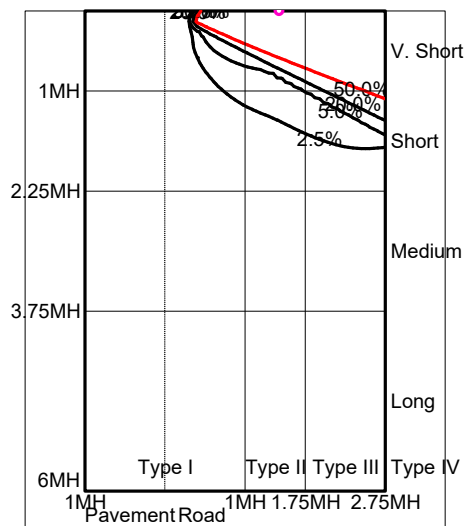
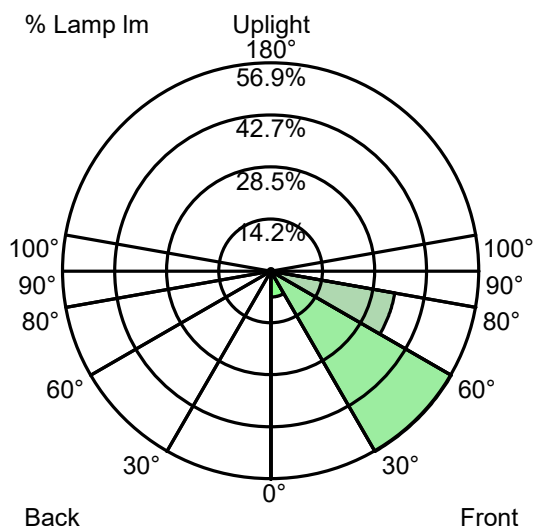
Measurement

Code CL041A25F009G

Name Domus B 26

Luminaire Flux	98 lm	Luminaire Power	7.8 W	Efficacy	12.492 lm/W	Efficiency	100.00%
Source Flux	98 lm	Maximum value	1975.33 cd/klm	Position	C=90.00 G=55.00	CG	Asymmetrical

US ROAD STANDARDS



Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	7.0 lm	7.1 %	7.1 %
FM	30° -- 60°	55.8 lm	56.9 %	56.9 %
FH	60° -- 80°	33.7 lm	34.4 %	34.4 %
FVH	80° -- 90°	0.5 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°	0.0 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°	0.7 lm	0.7 %	0.7 %
TOTALS		98.0 lm	100.0 %	100.0 %
BUG B0 U1 G0 Type IV Very Short Asymmetrical				