

Luminaire

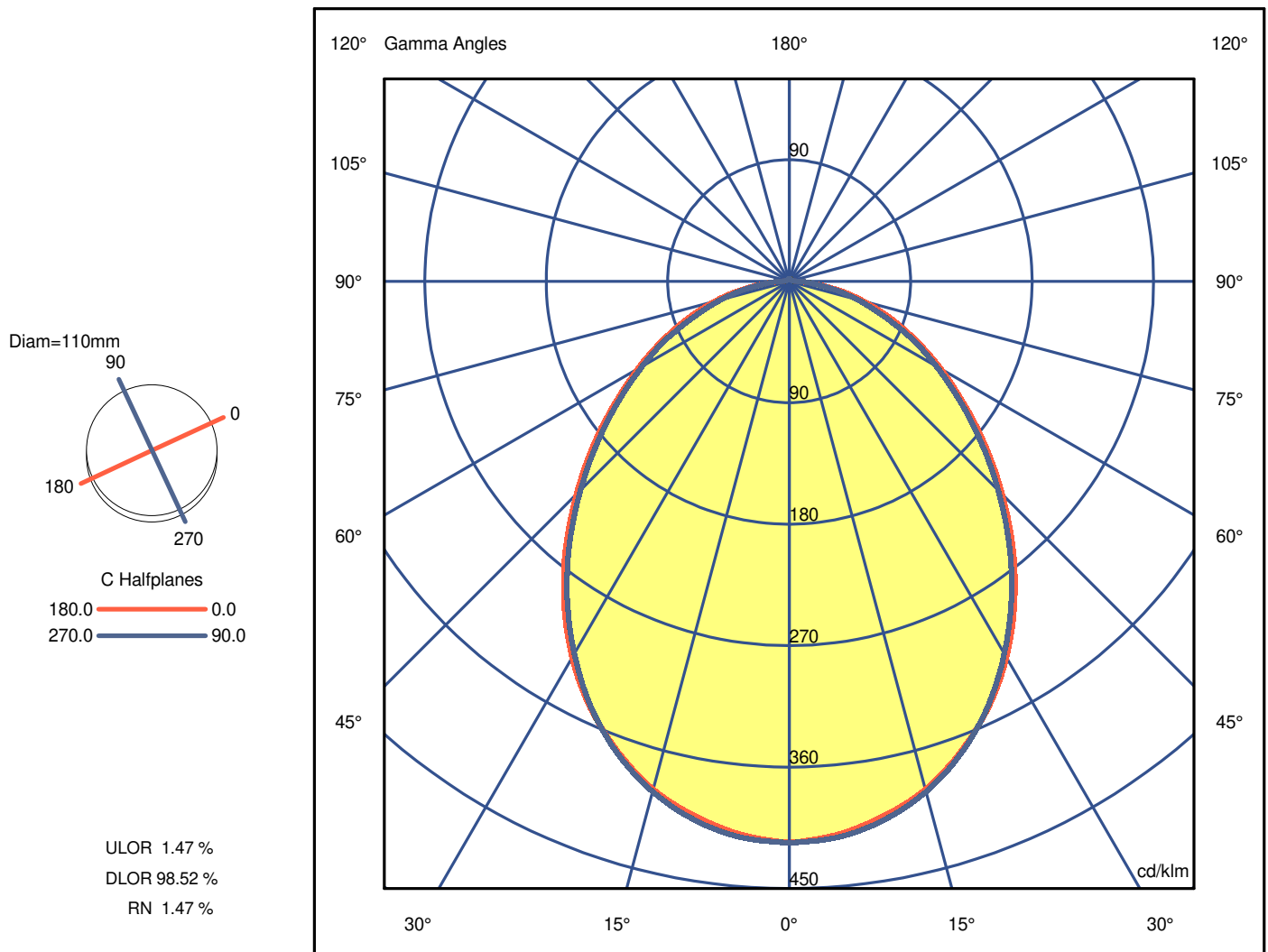
Code 10-7385-05-05V1
Name INVISIBLE

Measurem.

Code 10-7385-05-05V1
Name INVISIBLE

Luminaire Flux	496 lm	Luminaire Power	9.0 W	Efficacy	55.095 lm/W	Efficiency	100.00%
Source Flux	496 lm	Maximum value	415.83 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	110 mm	Height	15 mm		
Round Luminous Area		Diam.	100 mm	Height	0 mm		
Horizontal Luminous Area		0.007854 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°		0.001900 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		27-04-2017		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		496 lm	
Operator		Asselum T2		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
	LED	10-7385-05-05V1	495.86	9.00	1	
C.I.E.	52 82 96 99 100	D DIN 5040	A41			
F UTE	0.99 D + 0.01 T	B NBN	BZ 4			



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Luminous Intensity Table cd/klm Table 1/1

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	415.83	415.83	415.83	415.83	415.83	415.83	415.83
G 5.0	411.47	412.91	413.08	413.52	413.42	413.67	413.53
G 10.0	402.24	405.48	405.51	406.10	404.92	405.60	405.17
G 15.0	389.67	392.45	392.49	393.36	391.95	392.60	391.56
G 20.0	371.00	375.26	375.19	374.77	372.79	373.56	372.20
G 25.0	348.81	352.15	353.16	351.35	349.05	349.85	347.77
G 30.0	321.87	325.03	325.24	323.10	320.16	320.44	318.63
G 35.0	291.03	294.02	294.21	290.51	288.25	288.06	286.91
G 40.0	257.66	260.13	259.82	255.77	254.13	252.93	253.29
G 45.0	223.02	225.49	225.53	220.91	219.14	217.96	218.78
G 50.0	190.06	191.48	190.85	186.93	185.32	183.89	185.61
G 55.0	158.07	160.04	159.60	155.43	154.21	152.44	154.18
G 60.0	129.83	130.75	129.95	127.39	125.77	124.39	125.80
G 65.0	103.81	104.47	103.92	101.44	99.89	99.02	99.45
G 70.0	79.71	80.14	79.51	78.27	76.38	75.69	73.42
G 75.0	57.40	57.78	57.84	55.71	53.56	53.63	52.43
G 80.0	36.39	36.40	34.31	35.40	34.44	33.53	32.40
G 85.0	18.31	18.81	19.01	17.39	17.26	15.63	17.49
G 90.0	6.72	7.60	7.30	6.48	7.53	5.96	7.88
G 95.0	2.96	3.08	3.83	3.20	3.46	2.90	3.18
G100.0	2.81	2.80	2.68	2.68	2.64	2.60	2.56
G105.0	2.59	2.59	2.51	2.48	2.36	2.38	2.39
G110.0	2.36	2.36	2.25	2.24	2.16	2.13	2.08
G115.0	2.14	2.12	2.04	2.02	1.95	1.90	1.84
G120.0	1.93	1.93	1.86	1.85	1.82	1.76	1.73
G125.0	1.79	1.80	1.74	1.75	1.73	1.69	1.68
G130.0	1.70	1.71	1.66	1.69	1.69	1.66	1.68
G135.0	1.69	1.68	1.65	1.66	1.69	1.68	1.69
G140.0	1.74	1.72	1.68	1.70	1.71	1.71	1.74
G145.0	1.81	1.77	1.76	1.77	1.78	1.78	1.78
G150.0	1.89	1.87	1.84	1.85	1.88	1.86	1.84
G155.0	1.96	1.95	1.92	1.95	1.96	1.95	1.94
G160.0	2.05	2.03	2.03	2.04	2.05	2.03	2.01
G165.0	2.11	2.12	2.11	2.11	2.13	2.11	2.11
G170.0	2.16	2.19	2.19	2.18	2.20	2.18	2.18
G175.0	2.21	2.24	2.24	2.23	2.24	2.24	2.24
G180.0	2.23	2.26	2.25	2.26	2.25	2.26	2.26

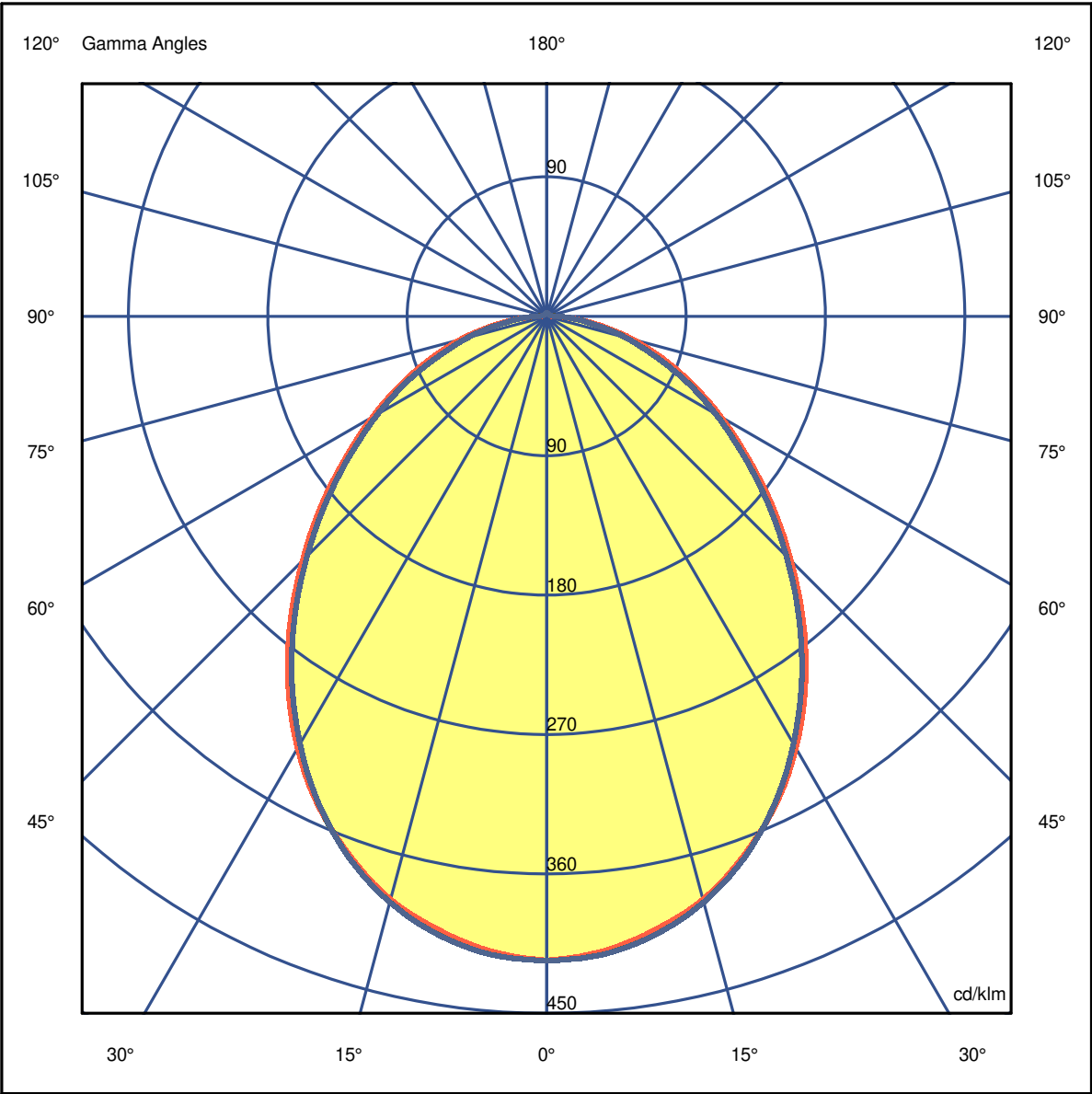
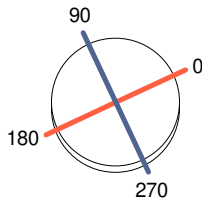
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Source Flux	496 lm	Maximum value	415.83 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

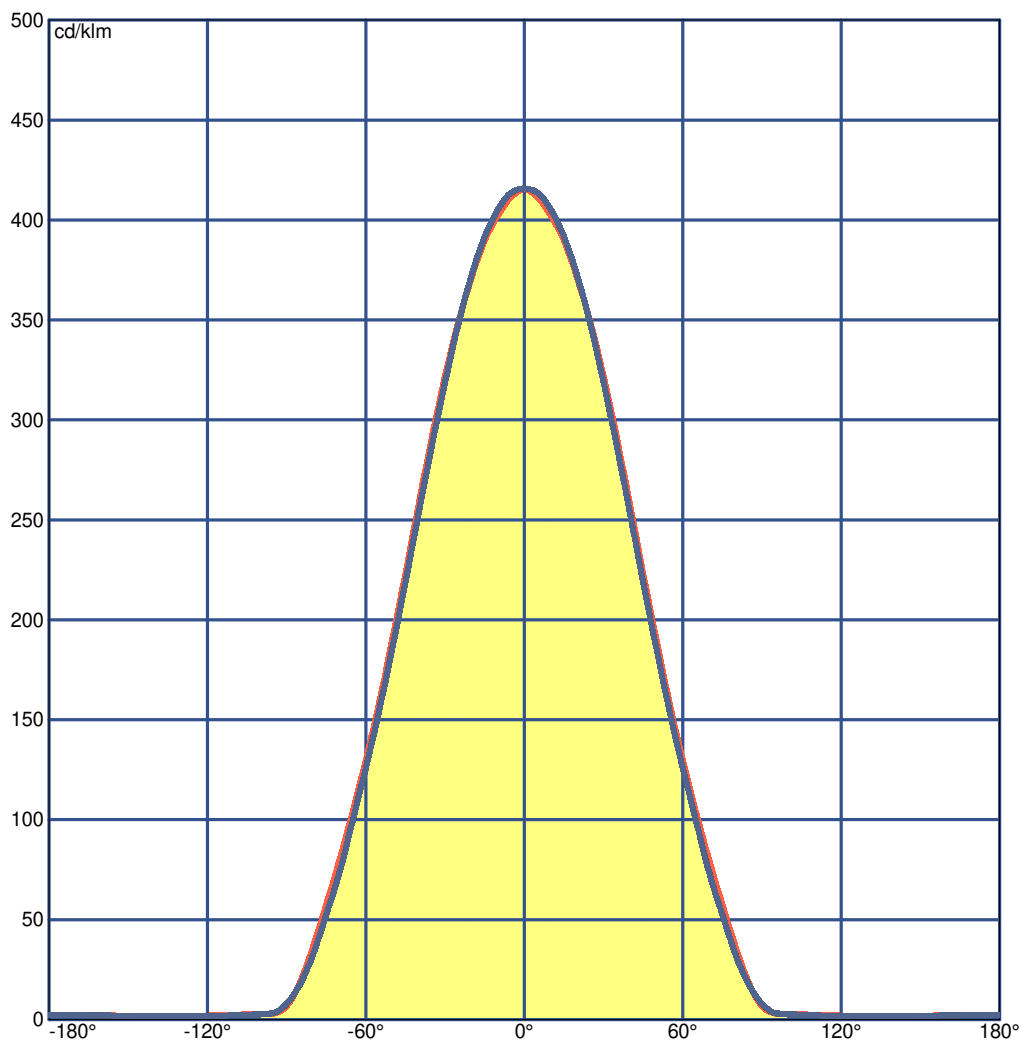
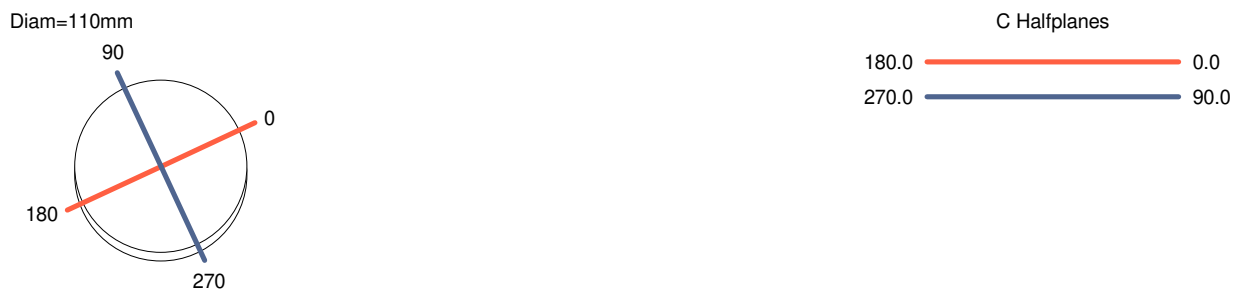
Diam=110mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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Source Flux	496 lm	Maximum value	415.83 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	Lateral View					Viewed Endwise				
x=2H y=2H	22.2	23.5	22.5	23.7	24.0	22.0	23.2	22.3	23.5	23.7
x=2H y=3H	23.6	24.8	24.0	25.0	25.3	23.3	24.5	23.7	24.7	25.0
x=2H y=4H	24.2	25.3	24.6	25.6	25.9	23.9	24.9	24.3	25.2	25.6
x=2H y=6H	24.7	25.7	25.1	26.0	26.4	24.3	25.3	24.7	25.6	26.0
x=2H y=8H	24.9	25.8	25.3	26.2	26.5	24.5	25.4	24.9	25.8	26.1
x=2H y=12H	25.0	25.9	25.4	26.3	26.6	24.6	25.5	25.0	25.8	26.2
x=4H y=2H	22.8	23.8	23.2	24.1	24.5	22.6	23.7	23.0	24.0	24.3
x=4H y=3H	24.4	25.3	24.8	25.7	26.0	24.1	25.1	24.6	25.4	25.8
x=4H y=4H	25.2	26.0	25.6	26.3	26.7	24.9	25.6	25.3	26.0	26.4
x=4H y=6H	25.8	26.5	26.2	26.9	27.3	25.4	26.1	25.9	26.5	27.0
x=4H y=8H	26.0	26.7	26.5	27.1	27.5	25.6	26.3	26.1	26.7	27.1
x=4H y=12H	26.2	26.8	26.7	27.2	27.7	25.8	26.4	26.3	26.8	27.3
x=8H y=4H	25.4	26.1	25.9	26.5	27.0	25.2	25.8	25.6	26.2	26.7
x=8H y=6H	26.2	26.7	26.7	27.2	27.7	25.9	26.4	26.4	26.9	27.3
x=8H y=8H	26.5	27.0	27.0	27.5	28.0	26.2	26.6	26.7	27.1	27.6
x=8H y=12H	26.8	27.2	27.3	27.7	28.2	26.4	26.8	26.9	27.3	27.8
x=12H y=4H	25.5	26.0	25.9	26.5	27.0	25.2	25.8	25.7	26.2	26.7
x=12H y=6H	26.3	26.7	26.8	27.2	27.7	26.0	26.4	26.5	26.9	27.4
x=12H y=8H	26.6	27.0	27.2	27.5	28.1	26.3	26.7	26.8	27.2	27.7

LedsC4

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Source Flux	496 lm	Maximum value	415.83 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Total Flux=495.86 Luminaire Flux=495.86

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	0.35	0.43	0.50	0.57	0.62	0.71	0.76	0.80	0.84	0.87	0.93	0.97
RC	4	4	4	4	4	4	4	4	4	4	4	4

Zonal Flux per 1000 Lumen

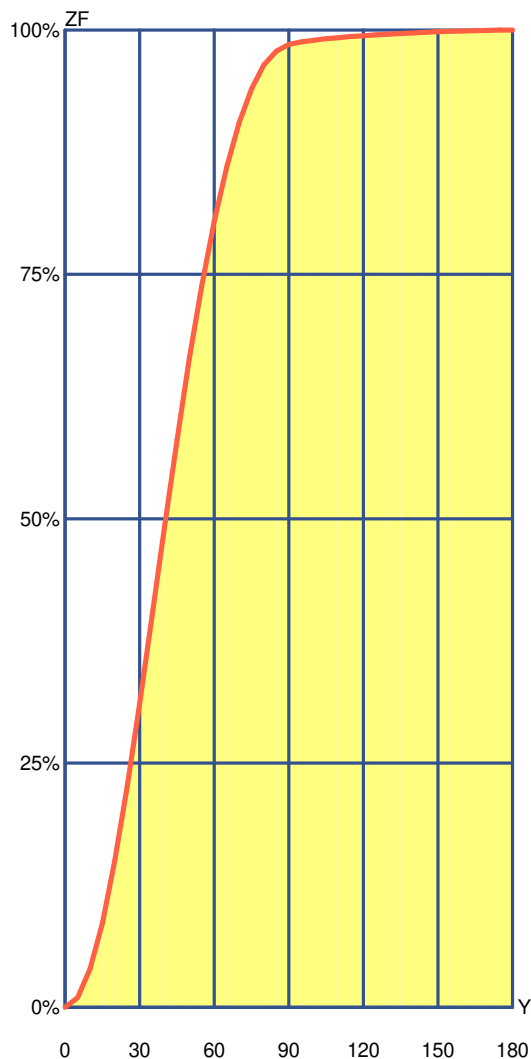
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	39	150	311	492	664	804	905	964	985	990	992	994	996	997	998	999	1000	1000

CIE Flux Codes

52 82 96 99 100

C.I.E. 4
D DIN 5040 A41
F UTE 0.99 D + 0.01 T
B NBN BZ 4
RN 1.47454 %
BLF 1.0

LOR 99.99912 %
ULOR 1.47453 %
DLOR 98.52459 %
UFF 1.47454 %
DFF 98.52546 %
FFR 1.49661 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	9.91	9.91	0.99 %	0.99 %
10°	29.28	39.19	2.93 %	3.92 %
15°	47.31	86.49	4.73 %	8.65 %
20°	63.14	149.63	6.31 %	14.96 %
25°	75.99	225.62	7.60 %	22.56 %
30°	85.17	310.79	8.52 %	31.08 %
35°	90.27	401.06	9.03 %	40.11 %
40°	91.27	492.33	9.13 %	49.23 %
45°	88.51	580.84	8.85 %	58.08 %
50°	82.72	663.56	8.27 %	66.36 %
55°	74.80	738.37	7.48 %	73.84 %
60°	65.64	804.01	6.56 %	80.40 %
65°	55.77	859.78	5.58 %	85.98 %
70°	45.45	905.22	4.54 %	90.52 %
75°	34.85	940.08	3.49 %	94.01 %
80°	24.17	964.24	2.42 %	96.43 %
85°	14.24	978.48	1.42 %	97.85 %
90°	6.76	985.25	0.68 %	98.53 %
95°	2.82	988.06	0.28 %	98.81 %
100°	1.61	989.68	0.16 %	98.97 %
105°	1.38	991.05	0.14 %	99.11 %
110°	1.23	992.28	0.12 %	99.23 %
115°	1.07	993.35	0.11 %	99.34 %
120°	0.93	994.29	0.09 %	99.43 %
125°	0.83	995.11	0.08 %	99.51 %
130°	0.74	995.86	0.07 %	99.59 %
135°	0.68	996.54	0.07 %	99.65 %
140°	0.63	997.16	0.06 %	99.72 %
145°	0.58	997.75	0.06 %	99.78 %
150°	0.54	998.28	0.05 %	99.83 %
155°	0.48	998.76	0.05 %	99.88 %
160°	0.42	999.18	0.04 %	99.92 %
165°	0.34	999.52	0.03 %	99.95 %
170°	0.26	999.78	0.03 %	99.98 %
175°	0.16	999.94	0.02 %	99.99 %
180°	0.05	999.99	0.01 %	100.00 %

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Utilizations CIE

Mounting	Direct				Normalization				Normalised				Suspension Ratio1/3								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	222	199	174	157	190	149	119	101	93	79	54	41	27	18	74	44	39	22	17	37	18	16	6					
0.80	256	235	185	171	224	163	148	130	106	93	65	52	34	25	87	54	49	29	24	46	25	22	7					
1.00	280	260	187	175	247	168	172	153	113	102	72	60	41	31	95	62	56	35	30	54	31	27	7					
1.25	300	283	185	176	269	169	196	178	118	108	79	67	48	38	102	69	64	42	37	61	37	34	8					
1.50	315	299	182	174	285	167	215	198	121	112	84	73	54	45	106	74	70	48	43	67	43	40	9					
2.00	333	320	173	167	306	161	244	229	123	116	91	82	64	55	110	82	78	58	53	75	54	49	10					
2.50	346	335	165	161	320	156	265	251	124	118	96	88	72	63	112	88	84	66	61	81	61	57	11					
3.00	354	345	159	156	329	151	281	268	124	119	99	92	78	70	113	92	89	72	68	85	68	63	11					
4.00	367	359	152	150	343	146	304	293	124	120	104	98	86	79	115	97	95	81	77	92	77	73	12					
5.00	374	368	147	146	353	142	319	309	124	121	107	102	92	86	116	101	99	87	84	96	83	79	12					
10.00	391	388	137	136	372	134	353	347	124	122	114	112	105	102	118	110	108	101	99	105	98	94	13					
20.00	399	398	130	130	382	128	372	369	123	122	118	116	113	111	119	114	114	110	109	111	107	104	14					

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	447	435	386	378	429	373	338	329	301	295	252	247	217	214	292	248	246	215	214	245	214	213	193
0.80	502	490	421	412	480	406	391	381	339	333	291	285	255	251	328	285	283	252	250	281	250	249	225
1.00	538	525	438	431	513	424	428	417	362	356	316	310	281	276	350	309	307	277	275	304	275	272	245
1.25	569	557	451	444	543	437	463	452	382	376	339	332	305	300	369	331	328	300	298	325	297	294	264
1.50	592	581	459	453	564	445	490	478	396	390	356	349	323	318	382	347	344	318	315	340	314	311	278
2.00	614	604	458	454	584	446	520	509	405	400	371	365	342	337	391	361	359	336	333	353	331	326	290
2.50	627	618	455	452	596	443	540	530	409	405	380	374	354	349	395	369	367	347	344	361	341	335	296
3.00	634	626	450	448	603	439	553	543	410	406	384	379	361	356	396	373	371	353	350	364	346	340	299
4.00	650	643	451	449	618	441	577	568	417	414	396	391	377	372	403	384	382	368	365	374	359	352	308
5.00	662	656	453	451	630	443	595	587	424	421	405	402	389	384	409	393	392	379	376	383	370	362	316
10.00	689	686	458	458	656	450	636	631	439	437	428	426	418	415	424	415	414	406	404	403	395	385	335
20.00	697	695	454	453	663	446	652	649	440	439	434	432	428	426	425	420	420	415	414	408	403	392	339

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	621	608	579	570	600	564	489	481	471	465	408	403	363	360	460	403	401	361	359	400	359	358	342
0.80	725	711	668	658	699	650	588	577	561	553	497	490	449	444	547	489	487	445	443	484	443	441	424
1.00	808	792	736	727	776	717	670	657	633	625	571	563	523	517	617	561	559	518	515	554	514	512	494
1.25	884	869	797	788	849	777	748	734	701	693	642	633	595	588	682	630	627	588	585	622	583	579	563
1.50	940	926	840	832	903	820	808	794	751	743	695	686	650	643	730	682	679	642	639	672	636	631	615
2.00	1000	1000	901	895	982	882	900	885	825	818	777	768	737	729	802	762	758	727	722	749	718	711	696
2.50	1000	1000	938	934	1000	920	960	946	872	866	830	822	794	786	848	813	810	782	778	799	772	763	748
3.00	1000	1000	964	960	1000	946	1000	991	904	899	868	860	836	827	881	850	847	822	818	834	810	800	786
4.00	1000	1000	994	991	1000	977	1000	1000	944	939	914	907	887	879	919	894	891	871	867	877	857	844	831
5.00	1000	1000	1000	1000	1000	995	1000	1000	967	964	942	936	919	912	943	921	919	901	898	903	886	872	859
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	989	984	992	980	978	968	965	958	948	918
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	989	984	963	951

LM53 SHR C0-C180: 1.155 SHR C90-C270: 1.143 SHR Square: 1.252

LedsC4

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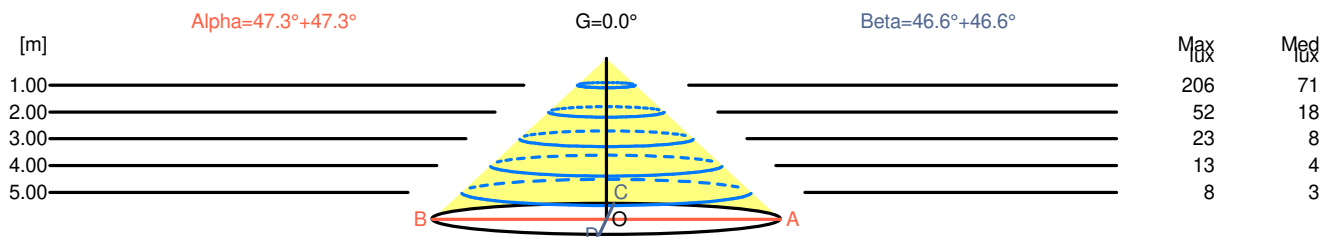
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Source Flux	496 lm	Maximum value	415.83 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.08	2.16	3.25	4.33	5.41	OC	1.06	2.12	3.17	4.23	5.29
OB	1.08	2.16	3.25	4.33	5.41	OD	1.06	2.12	3.17	4.23	5.29

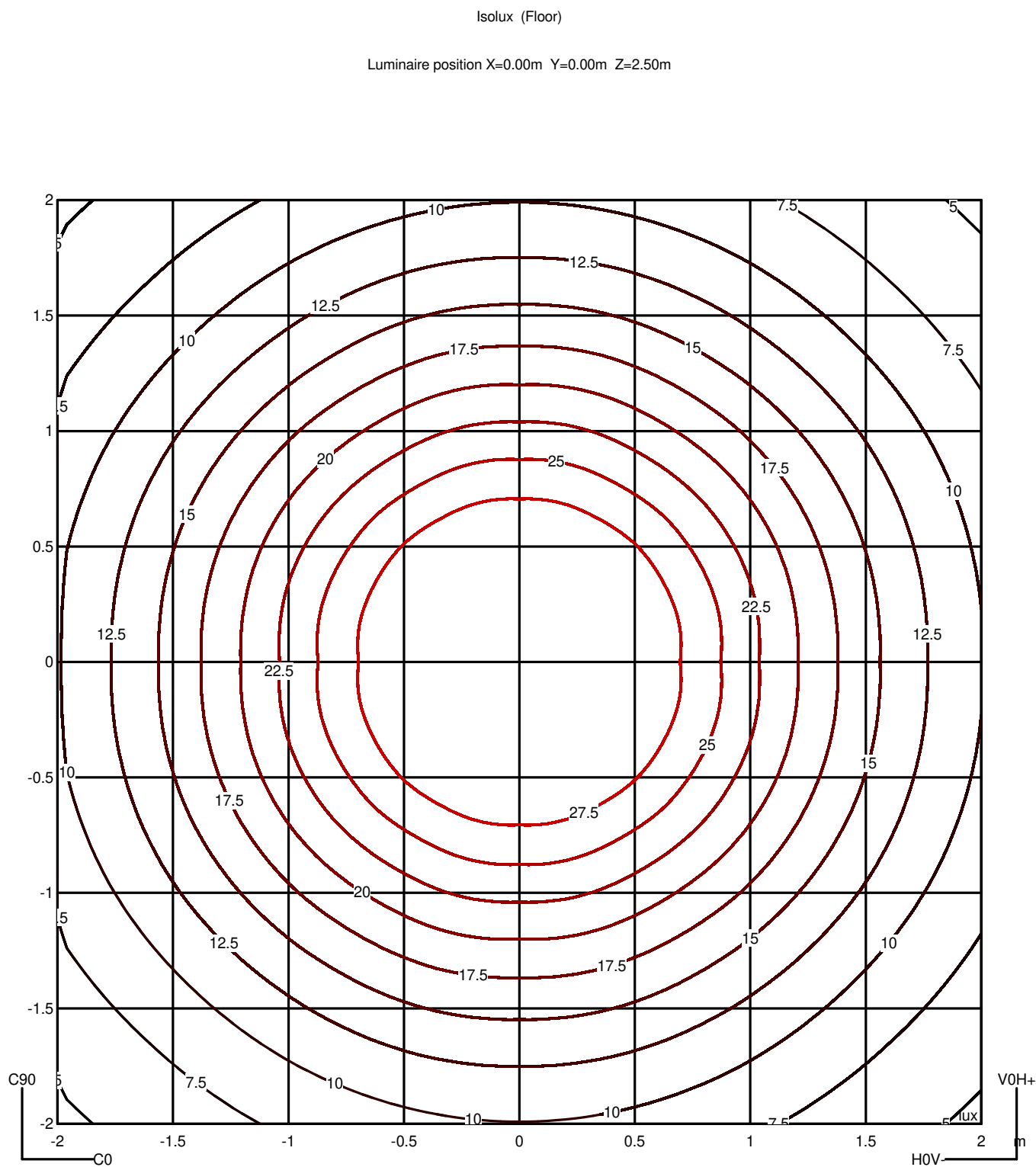
	0	5	15	25	35	45	55	65	75	85
OA	206.19	204.03	193.22	172.96	144.31	110.59	78.38	51.48	28.46	9.08
OB	206.19	204.03	193.22	172.96	144.31	110.59	78.38	51.48	28.46	9.08
OC	206.19	205.05	194.16	172.45	142.27	108.48	76.45	49.31	26.00	8.67
OD	206.19	205.05	194.16	172.45	142.27	108.48	76.45	49.31	26.00	8.67



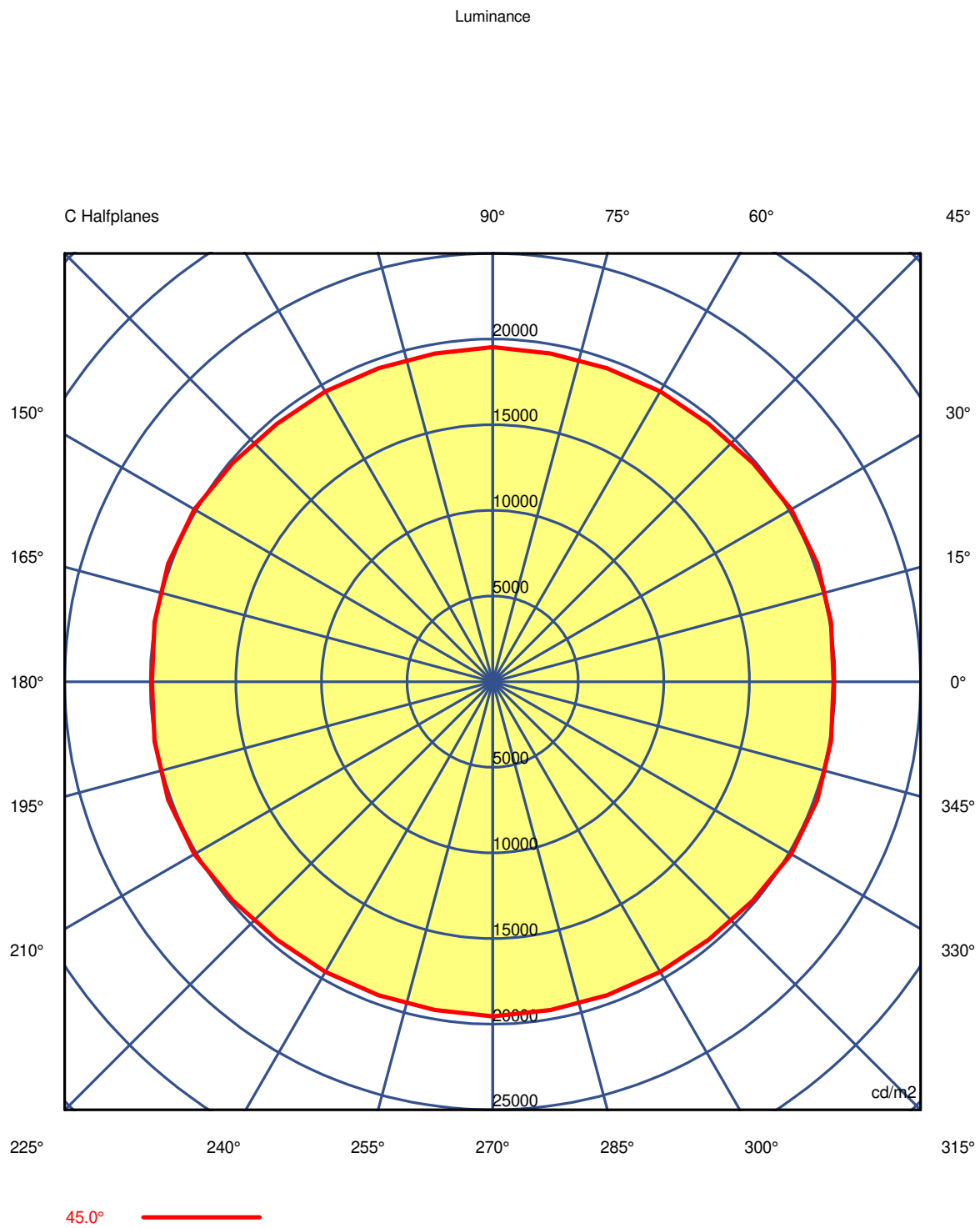
H[m]	D[m]	Max lux	Med lux	Alpha=47.3°+47.3°	G=0.0
1.00	2.16	206	71		
2.00	4.33	52	18		
3.00	6.49	23	8		
4.00	8.66	13	4		
5.00	10.82	8	3		

H[m]	D[m]	Max lux	Med lux	Beta=46.6°+46.6°	G=0.0
1.00	2.12	206	71		
2.00	4.23	52	18		
3.00	6.35	23	8		
4.00	8.46	13	4		
5.00	10.58	8	3		

Luminaire							
Code	10-7385-05-05V1						
Name	INVISIBLE						
Measurem.							
Code	10-7385-05-05V1						
Name	INVISIBLE						
Luminaire Flux	496 lm	Luminaire Power	9.0 W	Efficacy	55.095 lm/W	Efficiency	100.00%
Source Flux	496 lm	Maximum value	415.83 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical



Luminaire							
Code	10-7385-05-05V1						
Name	INVISIBLE						
Measurem.							
Code	10-7385-05-05V1						
Name	INVISIBLE						
Luminaire Flux	496 lm	Luminaire Power	9.0 W	Efficacy	55.095 lm/W	Efficiency	100.00%
Source Flux	496 lm	Maximum value	415.83 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical



Luminaire

Code 10-7385-05-05V1

Name INVISIBLE

Measurment

Code 10-7385-05-05V1

Name INVISIBLE

Luminaire Flux		496 lm		Luminaire Power		9.0 W		Efficacy		55.095 lm/W		Efficiency		100.00%	
Source Flux		496 lm		Maximum value		415.83 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
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	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14
G 5.0	26077.59	26146.87	26176.84	26179.58	26199.25	26206.85	26200.64	26211.54	26217.47	26208.06	26217.47	26211.54	26200.64	26077.59	26077.59
G 10.0	25787.25	25947.92	25995.50	25997.06	26029.85	26012.97	25958.62	25984.37	26004.70	25975.08	26004.70	25984.37	25958.62	25787.25	25787.25
G 15.0	25469.55	25611.50	25652.26	25653.80	25702.51	25685.83	25618.70	25645.17	25654.47	25593.02	25654.47	25645.17	25618.70	25469.55	25469.55
G 20.0	24926.26	25146.54	25211.06	25208.00	25199.94	25132.71	25046.82	25079.61	25087.68	25006.88	25087.68	25079.61	25046.82	24926.26	24926.26
G 25.0	24298.76	24465.76	24577.49	24601.55	24535.18	24406.38	24315.14	24355.61	24348.58	24226.44	24348.58	24355.61	24315.14	24298.76	24298.76
G 30.0	23464.61	23636.38	23725.52	23710.93	23624.41	23469.83	23339.98	23351.55	23338.45	23229.01	23338.45	23351.55	23339.98	23464.61	23464.61
G 35.0	22430.30	22596.98	22701.04	22675.54	22494.44	22308.02	22216.55	22205.63	22182.31	22113.25	22182.31	22205.63	22216.55	22430.30	22430.30
G 40.0	21235.41	21384.32	21469.58	21413.56	21188.48	21011.79	20944.17	20870.53	20841.88	20875.15	20841.88	20870.53	20944.17	21235.41	21235.41
G 45.0	19913.04	20068.72	20179.54	20136.32	19861.01	19641.64	19565.91	19484.63	19466.85	19534.03	19466.85	19484.63	19565.91	19913.04	19913.04
G 50.0	18668.05	18770.26	18824.55	18744.98	18483.98	18286.06	18201.86	18087.90	18085.85	18231.04	18085.85	18087.90	18201.86	18668.05	18668.05
G 55.0	17398.79	17556.13	17650.27	17568.06	17250.79	17037.67	16973.70	16824.03	16800.31	16970.69	16800.31	16824.03	16973.70	17398.79	17398.79
G 60.0	16393.66	16485.32	16507.92	16409.21	16192.14	16007.02	15880.67	15738.26	15730.99	15884.32	15730.99	15738.26	15880.67	16393.66	16393.66
G 65.0	15508.28	15583.58	15612.59	15524.78	15281.01	15056.52	14921.96	14818.07	14796.29	14856.51	14796.29	14818.07	14921.96	15508.28	15508.28
G 70.0	14713.19	14784.87	14773.33	14676.52	14544.83	14324.48	14099.56	14022.11	13867.27	13552.99	13867.27	14022.11	14099.56	14713.19	14713.19
G 75.0	14001.55	14057.25	14133.83	14110.16	13805.84	13367.31	13064.37	13070.53	13028.75	12790.40	13028.75	13070.53	13064.37	14001.55	14001.55
G 80.0	13232.26	13344.38	12961.06	12476.08	12726.04	12844.28	12521.76	12289.10	12070.09	11780.00	12070.09	12289.10	12521.76	13232.26	13232.26
G 85.0	13265.62	13481.20	13793.53	13772.95	12930.72	12565.76	12504.33	11604.51	11480.90	12670.79	11480.90	11604.51	12504.33	13265.62	13265.62
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	0.00	0.00

Luminaire

Code 10-7385-05-05V1
Name INVISIBLE

Measurment

Code 10-7385-05-05V1
Name INVISIBLE

Luminaire Flux	496 lm	Luminaire Power	9.0 W	Efficacy	55.095 lm/W	Efficiency	100.00%
Source Flux	496 lm	Maximum value	415.83 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14
G 5.0	26206.85	26199.25	26179.58	26176.84	26146.87	26077.59	26146.87	26176.84	26179.58	26199.25	26206.85	26200.64	26211.54
G 10.0	26012.97	26029.85	25997.06	25995.50	25947.92	25787.25	25947.92	25995.50	25997.06	26029.85	26012.97	25958.62	25984.37
G 15.0	25685.83	25702.51	25653.80	25652.26	25611.50	25469.55	25611.50	25652.26	25653.80	25702.51	25685.83	25618.70	25645.17
G 20.0	25132.71	25199.94	25208.00	25211.06	25146.54	24926.26	25146.54	25211.06	25208.00	25199.94	25132.71	25046.82	25079.61
G 25.0	24406.38	24535.18	24601.55	24577.49	24465.76	24298.76	24465.76	24577.49	24601.55	24535.18	24406.38	24315.14	24355.61
G 30.0	23469.83	23624.41	23710.93	23725.52	23636.38	23464.61	23636.38	23725.52	23710.93	23624.41	23469.83	23339.98	23351.55
G 35.0	22308.02	22494.44	22675.54	22701.04	22596.98	22430.30	22596.98	22701.04	22675.54	22494.44	22308.02	22216.55	22205.63
G 40.0	21011.79	21188.48	21413.56	21469.58	21384.32	21235.41	21384.32	21469.58	21413.56	21188.48	21011.79	20944.17	20870.53
G 45.0	19641.64	19861.01	20136.32	20179.54	20068.72	19913.04	20068.72	20179.54	20136.32	19861.01	19641.64	19565.91	19484.63
G 50.0	18286.06	18483.98	18744.98	18824.55	18770.26	18668.05	18770.26	18824.55	18744.98	18483.98	18286.06	18201.86	18087.90
G 55.0	17037.67	17250.79	17568.06	17650.27	17556.13	17398.79	17556.13	17650.27	17568.06	17250.79	17037.67	16973.70	16824.03
G 60.0	16007.02	16192.14	16409.21	16507.92	16485.32	16393.66	16485.32	16507.92	16409.21	16192.14	16007.02	15880.67	15738.26
G 65.0	15056.52	15281.01	15524.78	15612.59	15583.58	15508.28	15583.58	15612.59	15524.78	15281.01	15056.52	14921.96	14818.07
G 70.0	14324.48	14544.83	14676.52	14773.33	14784.87	14713.19	14784.87	14773.33	14676.52	14544.83	14324.48	14099.56	14022.11
G 75.0	13367.31	13805.84	14110.16	14133.83	14057.25	14001.55	14057.25	14133.83	14110.16	13805.84	13367.31	13064.37	13070.53
G 80.0	12844.28	12726.04	12476.08	12961.06	13344.38	13232.26	13344.38	12961.06	12476.08	12726.04	12844.28	12521.76	12289.10
G 85.0	12565.76	12930.72	13772.95	13793.53	13481.20	13265.62	13481.20	13793.53	13772.95	12930.72	12565.76	12504.33	11604.51
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

Code 10-7385-05-05V1
Name INVISIBLE

Measurem.

Code 10-7385-05-05V1
Name INVISIBLE

Luminaire Flux	496 lm	Luminaire Power	9.0 W	Efficacy	55.095 lm/W	Efficiency	100.00%
Source Flux	496 lm	Maximum value	415.83 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14	26253.14
G 5.0	26217.47	26208.06	26217.47	26211.54	26200.64	26206.85	26199.25	26179.58	26176.84	26146.87
G 10.0	26004.70	25975.08	26004.70	25984.37	25958.62	26012.97	26029.85	25997.06	25995.50	25947.92
G 15.0	25654.47	25593.02	25654.47	25645.17	25618.70	25685.83	25702.51	25653.80	25652.26	25611.50
G 20.0	25087.68	25006.88	25087.68	25079.61	25046.82	25132.71	25199.94	25208.00	25211.06	25146.54
G 25.0	24348.58	24226.44	24348.58	24355.61	24315.14	24406.38	24535.18	24601.55	24577.49	24465.76
G 30.0	23338.45	23229.01	23338.45	23351.55	23339.98	23469.83	23624.41	23710.93	23725.52	23636.38
G 35.0	22182.31	22113.25	22182.31	22205.63	22216.55	22308.02	22494.44	22675.54	22701.04	22596.98
G 40.0	20841.88	20875.15	20841.88	20870.53	20944.17	21011.79	21188.48	21413.56	21469.58	21384.32
G 45.0	19466.85	19534.03	19466.85	19484.63	19565.91	19641.64	19861.01	20136.32	20179.54	20068.72
G 50.0	18085.85	18231.04	18085.85	18087.90	18201.86	18286.06	18483.98	18744.98	18824.55	18770.26
G 55.0	16800.31	16970.69	16800.31	16824.03	16973.70	17037.67	17250.79	17568.06	17650.27	17556.13
G 60.0	15730.99	15884.32	15730.99	15738.26	15880.67	16007.02	16192.14	16409.21	16507.92	16485.32
G 65.0	14796.29	14856.51	14796.29	14818.07	14921.96	15056.52	15281.01	15524.78	15612.59	15583.58
G 70.0	13867.27	13552.99	13867.27	14022.11	14099.56	14324.48	14544.83	14676.52	14773.33	14784.87
G 75.0	13028.75	12790.40	13028.75	13070.53	13064.37	13367.31	13805.84	14110.16	14133.83	14057.25
G 80.0	12070.09	11780.00	12070.09	12289.10	12521.76	12844.28	12726.04	12476.08	12961.06	13344.38
G 85.0	11480.90	12670.79	11480.90	11604.51	12504.33	12565.76	12930.72	13772.95	13793.53	13481.20
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire

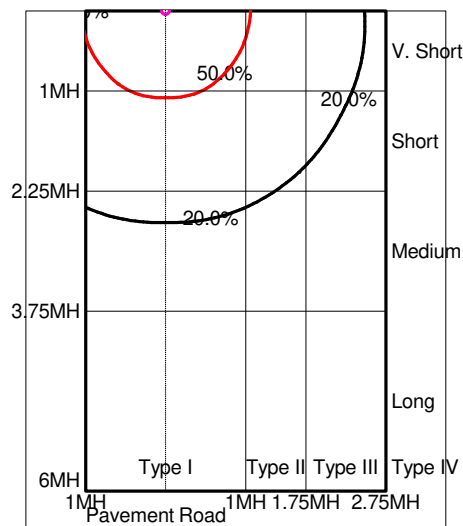
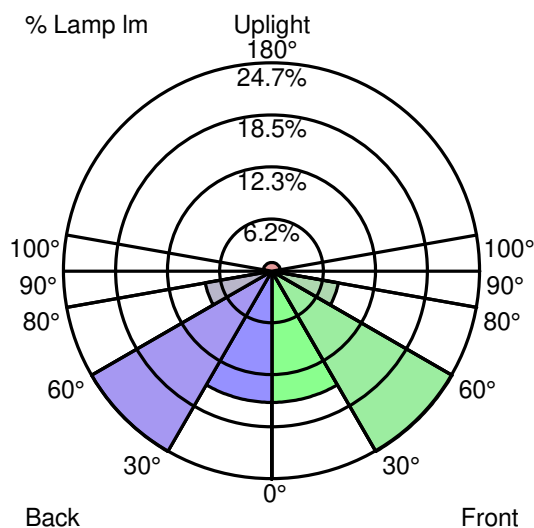
Code 10-7385-05-05V1
Name INVISIBLE

Measurem.

Code 10-7385-05-05V1
Name INVISIBLE

Luminaire Flux	496 lm	Luminaire Power	9.0 W	Efficacy	55.095 lm/W	Efficiency	100.00%
Source Flux	496 lm	Maximum value	415.83 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

US ROAD STANDARDS



Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	77.2 lm	15.6 %	15.6 %
FM	30° -- 60°	122.4 lm	24.7 %	24.7 %
FH	60° -- 80°	39.7 lm	8.0 %	8.0 %
FVH	80° -- 90°	5.1 lm	1.0 %	1.0 %
BL	0° -- 30°	77.2 lm	15.6 %	15.6 %
BM	30° -- 60°	122.4 lm	24.7 %	24.7 %
BH	60° -- 80°	39.7 lm	8.0 %	8.0 %
BVH	80° -- 90°	5.1 lm	1.0 %	1.0 %
UL	90° -- 100°	2.1 lm	0.4 %	0.4 %
UH	100° -- 180°	5.1 lm	1.0 %	1.0 %
TOTALS		495.9 lm	100.0 %	100.0 %
BUG B0 U1 G0 Type V Very Short Quadrilateral Symmetry				