

Luminaire

Code 00-9003-05-M1_1
Name COCO DOUBLE

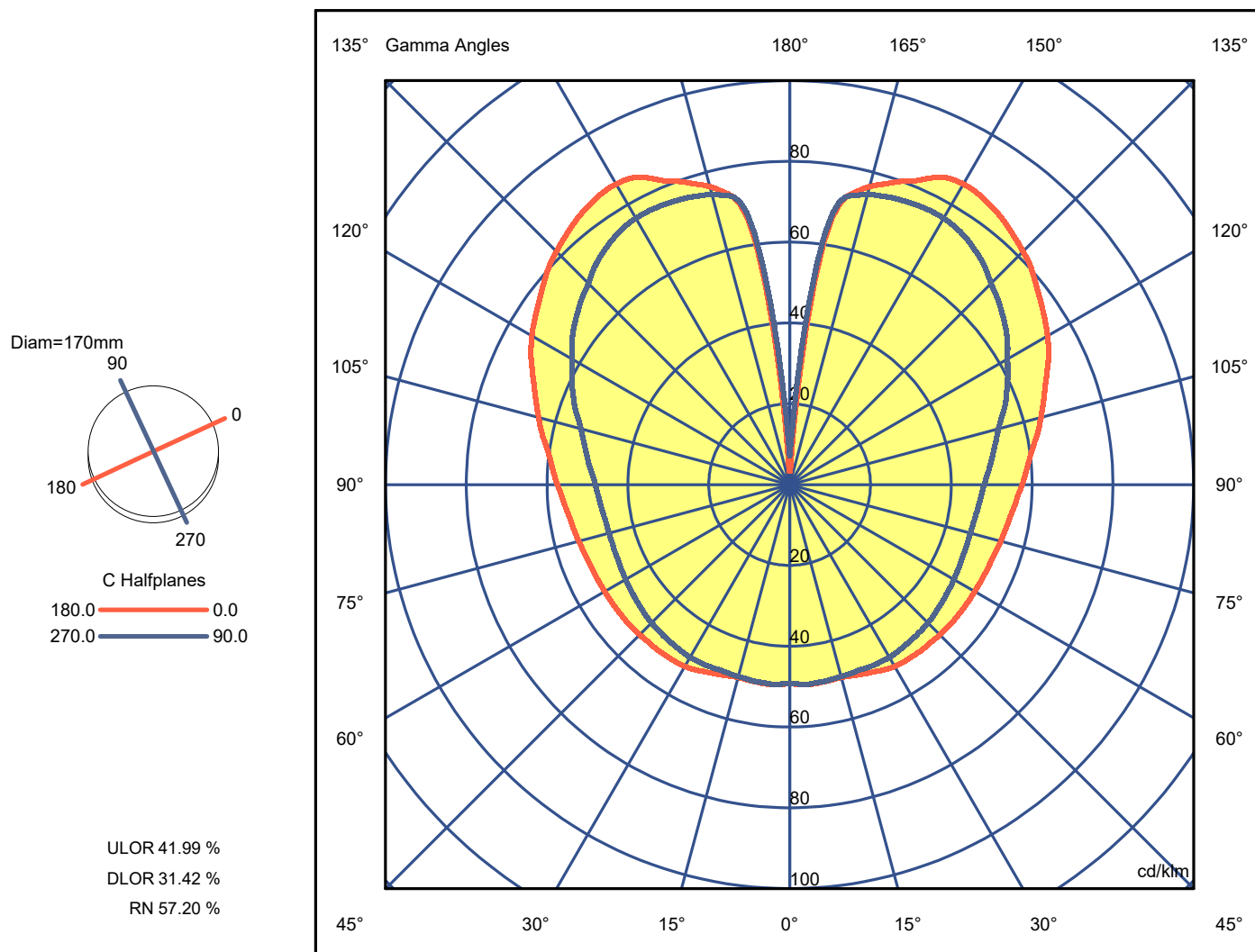
Measurment.

Code 00-9003-05-M1_1
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Luminaire Flux	592 lm	Luminaire Power	5.5 W	Efficacy	106.613 lm/W	Efficiency	73.41%
Source Flux	806 lm	Maximum value	85.91 cd/klm	Position	C=0.00 G=150.00	CG	Double Symmetrical
Round Luminaire		Diam.	170 mm	Height	120 mm		
Round Luminous Area		Diam.	170 mm	Height	120 mm		
Horizontal Luminous Area		0.022698 m2		Emitting area on Plane 180°		0.020400 m2	
Emitting area on Plane 0°		0.020400 m2		Emitting area on Plane 270°		0.020400 m2	
Emitting area on Plane 90°		0.020400 m2		Glare area at 76°		0.025285 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		18-11-2021		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		806 lm	
Operator		ASSELUM		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	E-14 LED	E-14 LED	806.00	5.55	1
C.I.E.	25 50 75 43 73	D DIN 5040	C12		
F UTE	0.31 J + 0.42 T	B NBN	BZ 8		



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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	49.26	49.26	49.26	49.26	49.26	49.26	49.26
G 2.5	49.47	49.37	49.27	49.21	49.25	49.32	49.36
G 5.0	49.64	49.45	49.26	49.16	49.26	49.44	49.58
G 7.5	49.63	49.47	49.31	49.23	49.28	49.38	49.44
G 10.0	49.52	49.41	49.29	49.22	49.26	49.34	49.38
G 12.5	49.40	49.34	49.28	49.24	49.22	49.22	49.22
G 15.0	49.34	49.31	49.28	49.25	49.21	49.16	49.14
G 17.5	49.63	49.53	49.42	49.30	49.20	49.12	49.09
G 20.0	50.06	49.90	49.68	49.44	49.22	49.06	49.00
G 22.5	50.46	50.28	50.02	49.73	49.44	49.22	49.13
G 25.0	50.96	50.73	50.38	49.98	49.61	49.35	49.25
G 27.5	51.52	51.16	50.62	50.08	49.65	49.39	49.29
G 30.0	51.92	51.46	50.80	50.16	49.69	49.41	49.32
G 32.5	52.13	51.62	50.93	50.22	49.66	49.31	49.19
G 35.0	52.20	51.66	50.90	50.13	49.53	49.14	49.00
G 37.5	52.33	51.74	50.92	50.09	49.43	49.01	48.86
G 40.0	52.36	51.76	50.92	50.06	49.35	48.87	48.69
G 42.5	52.39	51.74	50.87	49.96	49.22	48.72	48.54
G 45.0	52.51	51.80	50.84	49.87	49.07	48.55	48.36
G 47.5	52.61	51.84	50.81	49.77	48.92	48.36	48.16
G 50.0	52.68	51.86	50.75	49.61	48.66	48.03	47.80
G 52.5	52.74	51.85	50.66	49.45	48.47	47.83	47.60
G 55.0	52.76	51.85	50.61	49.33	48.28	47.58	47.33
G 57.5	52.80	51.85	50.55	49.21	48.11	47.38	47.12
G 60.0	52.86	51.87	50.52	49.12	47.96	47.18	46.89
G 62.5	52.95	51.93	50.51	49.05	47.82	47.00	46.70
G 65.0	53.07	52.00	50.53	48.99	47.69	46.81	46.49
G 67.5	53.18	52.11	50.62	49.03	47.66	46.71	46.35
G 70.0	53.38	52.09	50.59	49.07	47.65	46.66	46.29
G 72.5	53.69	52.38	50.83	49.24	47.81	46.74	46.25
G 75.0	54.06	52.68	51.06	49.38	47.90	46.78	46.27
G 77.5	54.40	53.02	51.38	49.64	48.09	46.90	46.36
G 80.0	54.82	53.47	51.85	50.08	48.45	47.17	46.58
G 82.5	55.28	53.96	52.33	50.54	48.85	47.50	46.88
G 85.0	55.97	54.61	52.92	51.03	49.15	47.75	47.21
G 87.5	56.57	55.24	53.56	51.64	49.67	48.17	47.58
G 90.0	57.51	56.02	54.22	52.28	50.23	48.69	48.08
G 92.5	58.33	56.87	55.10	53.15	51.06	49.45	48.80
G 95.0	59.20	57.87	56.21	54.28	52.11	50.37	49.66
G 97.5	60.24	58.94	57.28	55.33	53.06	51.22	50.47
G100.0	61.61	60.41	58.56	56.39	54.02	52.13	51.36
G102.5	63.05	61.83	59.91	57.56	55.12	53.19	52.40
G105.0	64.37	63.15	61.21	58.81	56.30	54.28	53.46
G107.5	65.69	64.56	62.76	60.46	57.93	55.84	54.98
G110.0	67.15	66.06	64.31	62.06	59.56	57.48	56.62
G112.5	68.69	67.62	65.87	63.58	61.03	58.91	58.02
G115.0	70.49	69.38	67.50	65.08	62.46	60.32	59.43
G117.5	72.21	71.00	69.03	66.55	63.90	61.74	60.85
G120.0	73.68	72.45	70.47	67.97	65.29	63.10	62.20
G122.5	75.00	73.91	72.13	69.78	67.11	64.86	63.91
G125.0	76.25	75.23	73.55	71.30	68.68	66.46	65.52
G127.5	77.60	76.62	74.97	72.71	70.04	67.77	66.80
G130.0	79.10	78.05	76.27	73.92	71.27	69.04	68.11
G132.5	80.58	79.23	77.39	75.05	72.41	70.24	69.34
G135.0	81.65	80.44	78.54	76.13	73.49	71.33	70.43
G137.5	82.69	81.40	79.45	77.11	74.69	72.78	72.00
G140.0	83.69	82.37	80.39	78.06	75.76	73.97	73.26
G142.5	84.63	82.94	80.86	78.58	76.42	74.86	74.27
G145.0	85.23	83.36	81.15	78.89	76.93	75.64	75.17
G147.5	85.87	83.78	81.40	79.11	77.28	76.17	75.80
G150.0	85.91	83.79	81.41	79.17	77.44	76.46	76.14
G152.5	85.46	83.36	81.04	78.91	77.33	76.47	76.22
G155.0	83.85	82.10	80.18	78.43	77.20	76.44	76.08
G157.5	81.42	80.31	78.99	77.80	76.79	76.12	75.79
G160.0	79.89	79.06	78.07	77.07	76.24	75.67	75.46
G162.5	78.06	77.40	76.67	75.97	75.42	75.07	74.95
G165.0	76.37	75.76	75.11	74.60	74.37	74.33	74.34
G167.5	74.08	72.99	72.00	71.60	72.07	72.87	73.31
G170.0	70.38	67.12	64.19	63.41	65.81	69.34	71.14
G172.5	56.20	51.50	48.18	48.00	51.85	56.90	59.42
G175.0	25.54	27.92	30.86	33.20	34.11	34.07	33.88
G177.5	4.30	9.77	15.42	18.74	18.14	15.62	14.12
G180.0	7.15	7.15	7.15	7.15	7.15	7.15	7.15

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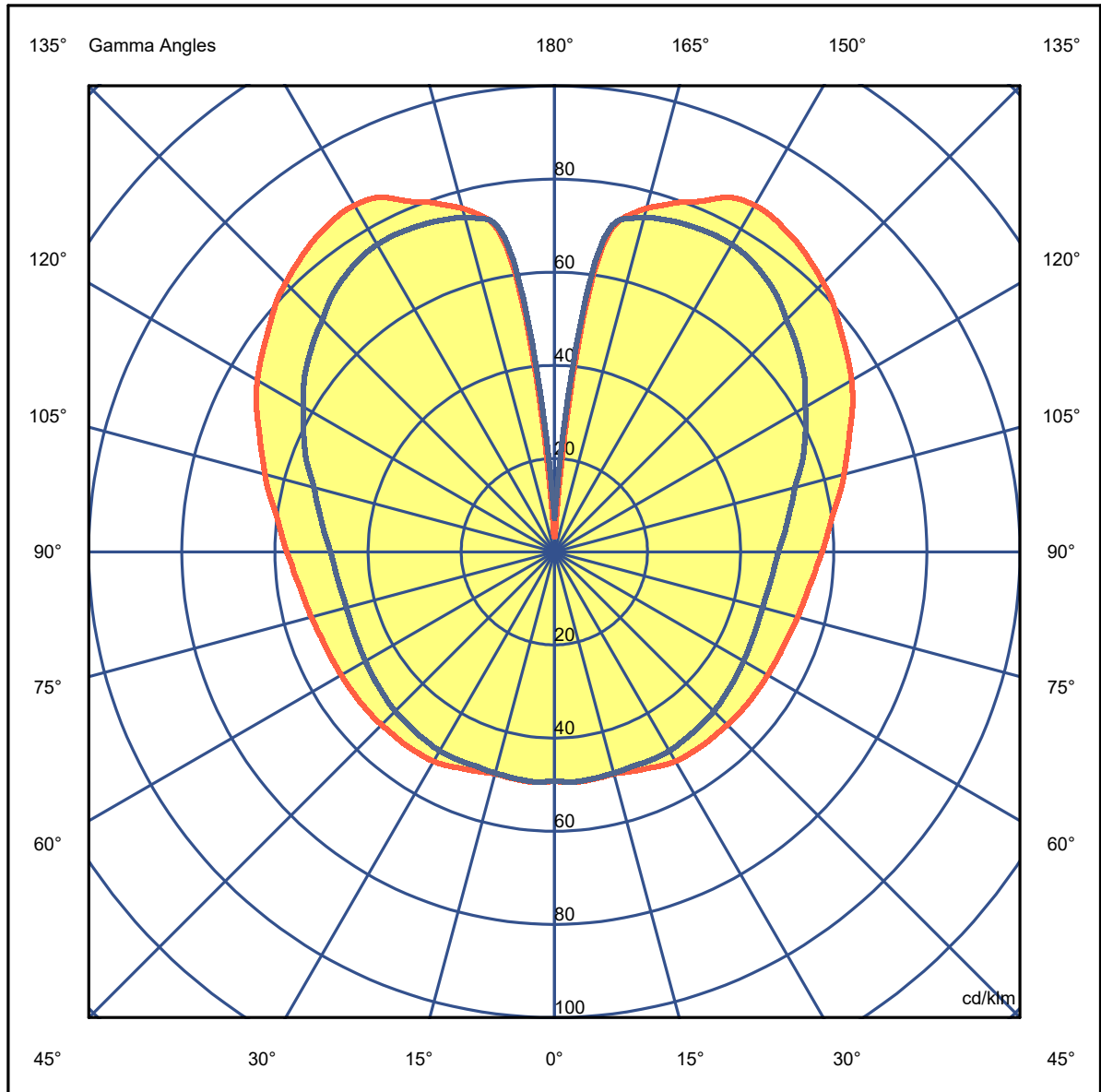
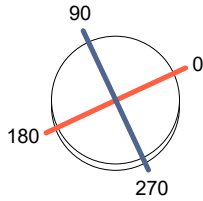
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Source Flux	806 lm	Maximum value	85.91 cd/klm	Position	C=0.00 G=150.00	CG	Double Symmetrical

Diam=170mm

C Halfplanes

180.0 ———— 0.0
 270.0 ———— 90.0



LedsC4

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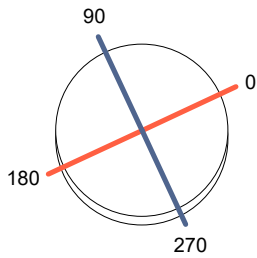
Measurement

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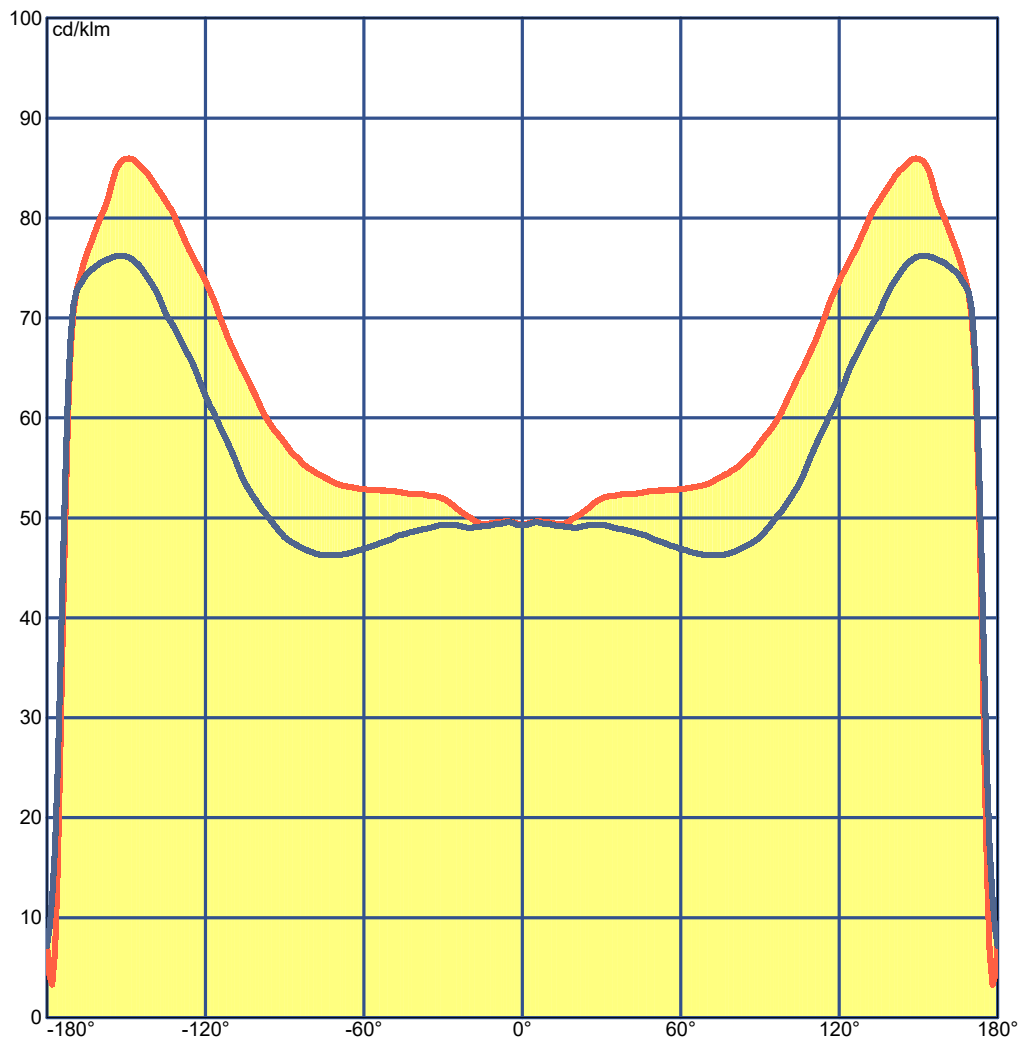
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Source Flux	806 lm	Maximum value	85.91 cd/klm	Position	C=0.00 G=150.00	CG	Double Symmetrical

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	9.6	10.5	10.6	11.5	12.8	9.1	10.0	10.0	10.9	12.2
x=2H y=3H	12.2	13.0	13.2	14.0	15.3	11.6	12.3	12.5	13.3	14.6
x=2H y=4H	13.6	14.4	14.6	15.4	16.7	12.8	13.6	13.8	14.6	15.9
x=2H y=6H	15.0	15.7	16.0	16.7	18.1	14.2	14.9	15.2	15.9	17.2
x=2H y=8H	15.8	16.4	16.8	17.4	18.8	14.9	15.5	15.9	16.5	17.9
x=2H y=12H	16.5	17.1	17.5	18.1	19.5	15.5	16.1	16.5	17.2	18.5
x=4H y=2H	10.4	11.1	11.3	12.1	13.4	10.0	10.7	11.0	11.7	13.0
x=4H y=3H	13.2	13.8	14.2	14.8	16.2	12.6	13.2	13.6	14.3	15.6
x=4H y=4H	14.7	15.3	15.7	16.3	17.7	14.1	14.6	15.1	15.7	17.0
x=4H y=6H	16.3	16.8	17.3	17.8	19.3	15.5	16.0	16.6	17.1	18.5
x=4H y=8H	17.1	17.6	18.1	18.6	20.0	16.3	16.7	17.3	17.8	19.2
x=4H y=12H	17.9	18.3	19.0	19.4	20.8	17.0	17.5	18.1	18.5	19.9
x=8H y=4H	15.2	15.6	16.2	16.7	18.1	14.6	15.1	15.7	16.2	17.6
x=8H y=6H	17.0	17.4	18.1	18.5	19.9	16.4	16.8	17.4	17.8	19.3
x=8H y=8H	18.0	18.3	19.1	19.4	20.8	17.3	17.6	18.4	18.7	20.1
x=8H y=12H	19.0	19.3	20.1	20.4	21.8	18.2	18.5	19.3	19.6	21.0
x=12H y=4H	15.2	15.7	16.3	16.7	18.2	14.8	15.2	15.8	16.3	17.7
x=12H y=6H	17.2	17.5	18.3	18.6	20.0	16.6	17.0	17.7	18.0	19.5
x=12H y=8H	18.2	18.5	19.3	19.6	21.1	17.6	17.9	18.7	19.0	20.4

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Source Flux	806 lm	Maximum value	85.91 cd/klm	Position	C=0.00 G=150.00	CG	Double Symmetrical

Total Flux=806.00 Luminaire Flux=591.70

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	0.16	0.22	0.27	0.33	0.38	0.46	0.52	0.56	0.63	0.68	0.80	0.88
RC	9	9	9	9	9	9	9	9	9	9	9	9

Zonal Flux per 1000 Lumen

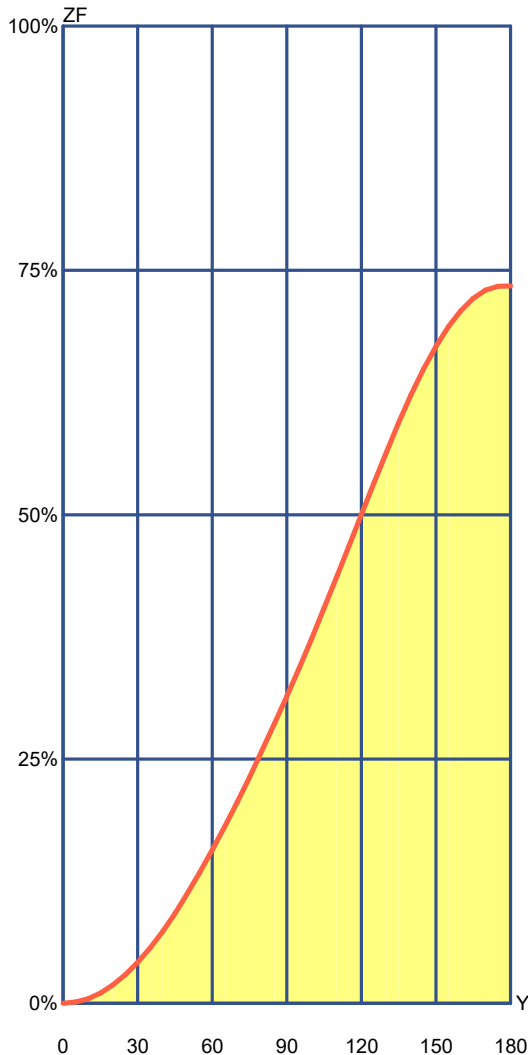
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	5	19	42	73	112	157	206	258	314	373	436	500	564	623	672	709	730	734

CIE Flux Codes

25 50 75 43 73

C.I.E.	9
D DIN 5040	C12
F UTE	0.31 J + 0.42 T
B NBN	BZ 8
RN	57.19749 %
BLF	1.0

LOR	73.41191 %
ULOR	41.98977 %
DLOR	31.42214 %
UFF	57.19749 %
DFF	42.80251 %
FFR	133.63115 %



Gamma °	Zonal Flux			
	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	1.18	1.18	0.16 %	0.16 %
10°	3.53	4.71	0.48 %	0.64 %
15°	5.85	10.56	0.80 %	1.44 %
20°	8.13	18.69	1.11 %	2.55 %
25°	10.44	29.13	1.42 %	3.97 %
30°	12.71	41.83	1.73 %	5.70 %
35°	14.83	56.67	2.02 %	7.72 %
40°	16.78	73.45	2.29 %	10.01 %
45°	18.58	92.03	2.53 %	12.54 %
50°	20.20	112.23	2.75 %	15.29 %
55°	21.63	133.86	2.95 %	18.23 %
60°	22.89	156.75	3.12 %	21.35 %
65°	24.00	180.75	3.27 %	24.62 %
70°	24.97	205.72	3.40 %	28.02 %
75°	25.87	231.59	3.52 %	31.55 %
80°	26.73	258.32	3.64 %	35.19 %
85°	27.56	285.88	3.75 %	38.94 %
90°	28.34	314.22	3.86 %	42.80 %
95°	29.16	343.38	3.97 %	46.77 %
100°	30.02	373.40	4.09 %	50.86 %
105°	30.80	404.19	4.20 %	55.06 %
110°	31.53	435.73	4.30 %	59.35 %
115°	32.11	467.84	4.37 %	63.73 %
120°	32.30	500.13	4.40 %	68.13 %
125°	32.12	532.25	4.38 %	72.50 %
130°	31.47	563.72	4.29 %	76.79 %
135°	30.25	593.97	4.12 %	80.91 %
140°	28.55	622.52	3.89 %	84.80 %
145°	26.29	648.81	3.58 %	88.38 %
150°	23.47	672.28	3.20 %	91.58 %
155°	20.14	692.42	2.74 %	94.32 %
160°	16.40	708.82	2.23 %	96.55 %
165°	12.56	721.37	1.71 %	98.26 %
170°	8.53	729.90	1.16 %	99.43 %
175°	3.74	733.64	0.51 %	99.93 %
180°	0.48	734.12	0.07 %	100.00 %

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Utilizations CIE

Mounting	Direct	Normalization		Normalised		Suspension Ratid/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	446	401	423	382	381	364	339	288	329	281	306	231	289	197	262	247	218	235	187	207	198	171	157
0.80	493	452	457	422	430	403	382	334	365	321	338	269	317	232	300	281	254	267	221	241	230	202	187
1.00	525	488	477	447	464	428	414	370	389	349	360	297	338	259	327	307	281	291	248	267	255	227	210
1.25	553	521	492	466	496	448	445	404	410	375	381	324	357	286	352	331	308	314	274	293	280	252	233
1.50	573	544	500	478	518	460	468	431	424	393	395	344	372	307	371	349	328	331	294	313	299	272	252
2.00	599	576	508	492	549	475	502	470	443	417	415	373	392	338	396	375	356	357	325	341	327	302	280
2.50	615	596	511	498	569	483	525	497	453	432	428	392	407	359	411	392	376	374	346	361	347	323	300
3.00	626	609	512	501	582	487	542	517	460	443	437	406	417	375	422	404	390	387	362	375	362	340	315
4.00	640	627	512	504	600	492	565	544	469	455	449	424	431	397	437	420	409	405	385	395	383	362	336
5.00	649	638	511	505	611	493	580	563	474	463	456	436	440	412	445	431	421	417	400	408	396	377	350
10.00	665	659	506	503	632	494	613	603	482	477	471	460	460	445	462	452	447	443	433	435	427	412	382
20.00	672	669	501	499	643	492	631	626	485	482	479	473	472	464	470	464	461	458	453	450	445	433	400

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	292	267	263	242	254	231	200	177	186	165	156	127	135	103	155	131	120	114	98	114	100	90	79
0.80	345	321	304	284	302	270	246	221	225	203	193	162	169	133	187	162	151	144	125	141	125	111	98
1.00	386	363	335	316	340	299	284	258	255	234	223	191	198	160	213	188	176	169	149	163	147	130	115
1.25	426	404	363	346	377	327	322	296	285	265	253	221	228	190	240	215	203	195	175	186	170	149	132
1.50	458	437	385	370	407	348	353	328	309	290	278	248	253	216	261	237	225	218	198	205	189	166	147
2.00	503	486	416	403	451	379	401	378	345	328	316	288	292	257	294	272	261	253	234	235	220	193	170
2.50	537	521	438	427	483	402	437	416	371	356	344	319	321	289	319	298	288	280	262	259	245	214	189
3.00	562	548	455	446	508	420	466	447	392	379	367	344	345	316	339	319	310	302	286	278	265	232	205
4.00	601	590	483	476	546	449	510	493	425	414	403	384	384	358	370	353	345	338	323	309	297	261	232
5.00	630	621	504	498	575	471	543	529	450	441	431	414	413	390	395	380	373	366	353	334	323	284	253
10.00	714	708	570	567	658	538	637	629	525	520	512	502	500	486	469	459	454	449	441	409	401	357	322
20.00	788	785	633	632	732	603	719	714	595	592	587	581	579	571	539	532	530	526	521	481	475	428	390

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	292	266	273	250	250	235	184	161	178	155	139	109	111	80	141	110	100	88	73	91	72	61	50
0.80	362	334	333	309	310	289	241	213	229	204	187	151	155	115	181	148	135	123	103	121	100	82	68
1.00	417	389	380	357	359	331	288	258	273	246	229	189	195	149	215	182	167	155	132	147	125	102	85
1.25	472	444	425	403	408	373	338	306	316	289	272	231	237	188	250	217	201	190	164	174	153	123	103
1.50	514	488	459	439	446	405	378	346	351	324	307	266	272	221	279	246	230	219	192	197	176	141	118
2.00	576	553	508	490	503	452	439	410	403	378	362	322	328	278	323	292	276	266	239	234	214	170	144
2.50	619	598	540	525	542	483	484	456	439	417	401	364	369	321	354	326	311	300	275	261	242	192	163
3.00	650	631	563	549	571	506	517	492	466	446	431	397	400	355	377	351	337	327	303	282	264	208	177
4.00	691	676	593	582	610	536	564	542	502	486	472	443	444	405	410	386	375	365	344	311	295	232	198
5.00	718	705	612	603	636	556	595	576	526	512	499	474	475	440	431	411	400	392	373	331	317	249	213
10.00	779	771	654	649	694	599	669	657	581	573	563	548	547	526	481	468	462	455	443	380	370	291	250
20.00	813	810	678	675	728	623	713	707	613	609	603	594	593	581	512	504	500	496	489	411	405	318	275

LM53 SHR C0-C180: 1.605 SHR C90-C270: 1.521 SHR Square: 1.749

LuminaireCode 00-9003-05-M1_1
Name COCO DOUBLE**Measurem.**Code 00-9003-05-M1_1
Name COCO DOUBLE

Luminaire Flux	592 lm	Luminaire Power	5.5 W	Efficacy	106.613 lm/W	Efficiency	73.41%
Source Flux	806 lm	Maximum value	85.91 cd/klm	Position	C=0.00 G=150.00	CG	Double Symmetrical

Right beam angle not found, gamma = 31

Right beam angle not found, gamma = 31

Right beam angle not found, gamma = 31

Luminaire

Code 00-9003-05-M1_1

Name COCO DOUBLE

Measurem.

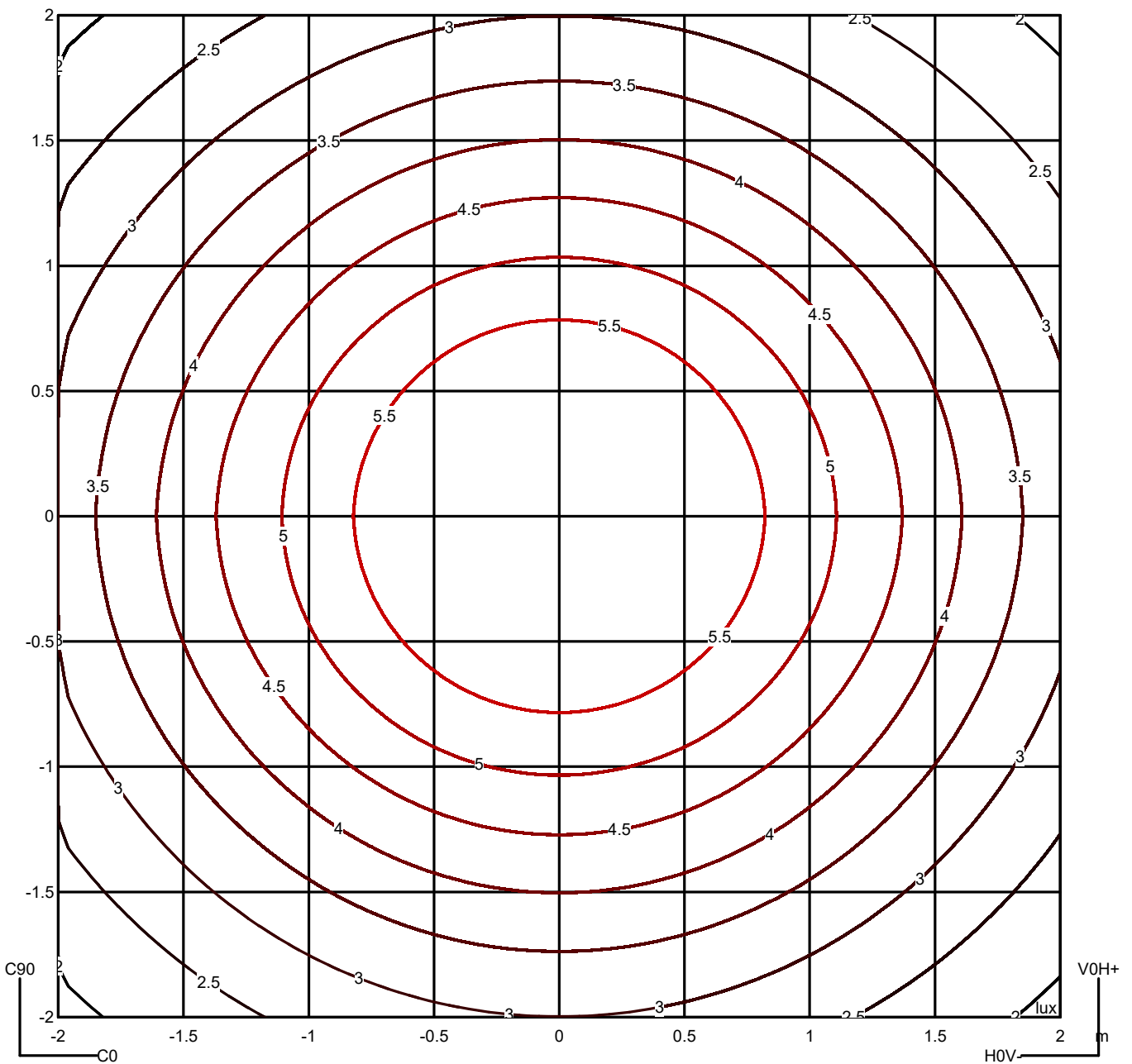
Code 00-9003-05-M1_1

Name COCO DOUBLE

Luminaire Flux	592 lm	Luminaire Power	5.5 W	Efficacy	106.613 lm/W	Efficiency	73.41%
Source Flux	806 lm	Maximum value	85.91 cd/klm	Position	C=0.00 G=150.00	CG	Double Symmetrical

Isolux (Floor)

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



LedsC4

Luminaire

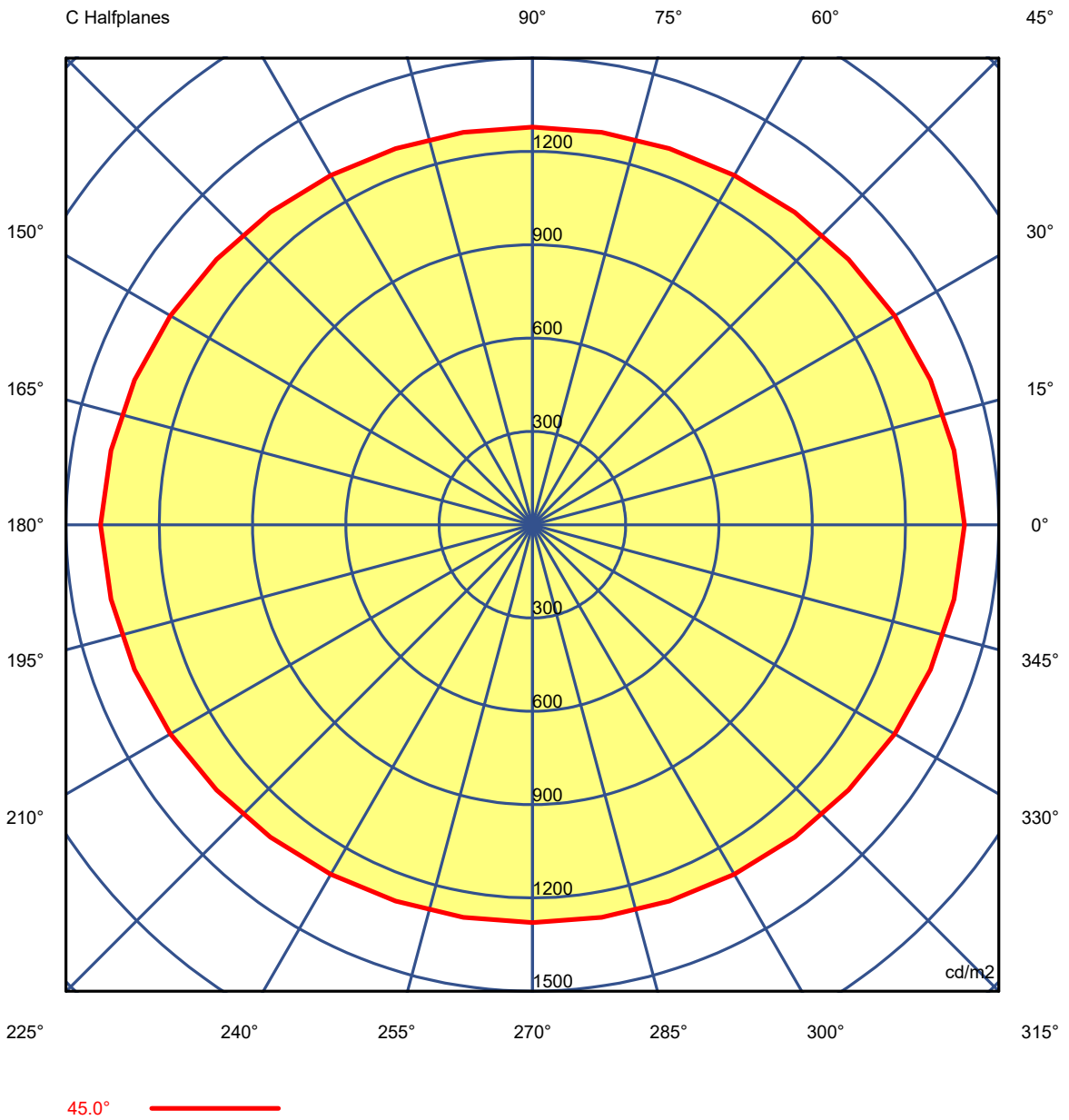
Code 00-9003-05-M1_1
 Name COCO DOUBLE

Measurement

Code 00-9003-05-M1_1
 Name COCO DOUBLE

Luminaire Flux	592 lm	Luminaire Power	5.5 W	Efficacy	106.613 lm/W	Efficiency	73.41%
Source Flux	806 lm	Maximum value	85.91 cd/klm	Position	C=0.00 G=150.00	CG	Double Symmetrical

Luminance



Luminaire

 Code 00-9003-05-M1_1
 Name COCO DOUBLE

Measurement

 Code 00-9003-05-M1_1
 Name COCO DOUBLE

Luminaire Flux	592 lm	Luminaire Power	5.5 W	Efficacy	106.613 lm/W	Efficiency	73.41%
Source Flux	806 lm	Maximum value	85.91 cd/klm	Position	C=0.00 G=150.00	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	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36
G 5.0	1640.51	1636.21	1631.88	1627.84	1625.02	1625.04	1627.93	1631.95	1635.55	1638.38	1635.55	1631.95	1627.93
G 10.0	1541.37	1539.04	1536.49	1534.01	1532.36	1532.09	1533.15	1534.86	1536.23	1537.02	1536.23	1534.86	1533.15
G 15.0	1461.77	1461.15	1460.60	1460.10	1459.50	1458.73	1457.82	1456.93	1456.33	1456.03	1456.33	1456.93	1457.82
G 20.0	1425.28	1422.41	1418.87	1414.59	1410.07	1405.63	1401.55	1398.16	1396.09	1395.13	1396.09	1398.16	1401.55
G 25.0	1406.85	1403.04	1397.77	1390.89	1383.51	1376.32	1369.80	1364.45	1361.21	1359.72	1361.21	1364.45	1369.80
G 30.0	1401.61	1393.73	1383.62	1371.43	1359.46	1349.21	1341.28	1335.67	1332.61	1331.38	1332.61	1335.67	1341.28
G 35.0	1388.91	1379.79	1368.24	1354.33	1340.37	1327.91	1317.68	1309.97	1305.56	1303.67	1305.56	1309.97	1317.68
G 40.0	1383.59	1373.54	1360.92	1345.72	1330.26	1316.08	1304.00	1294.59	1289.09	1286.66	1289.09	1294.59	1304.00
G 45.0	1388.80	1376.82	1362.09	1344.68	1327.17	1311.26	1297.86	1287.54	1281.53	1278.90	1281.53	1287.54	1297.86
G 50.0	1405.10	1391.33	1374.20	1353.72	1332.99	1314.04	1297.95	1285.46	1278.17	1274.96	1278.17	1285.46	1297.95
G 55.0	1430.46	1414.74	1395.23	1371.97	1348.47	1327.04	1308.92	1294.89	1286.72	1283.12	1286.72	1294.89	1308.92
G 60.0	1468.43	1450.96	1429.23	1403.24	1376.88	1352.71	1332.13	1316.11	1306.73	1302.58	1306.73	1316.11	1332.13
G 65.0	1523.24	1503.85	1479.54	1450.25	1420.34	1392.69	1368.91	1350.23	1339.24	1334.35	1339.24	1350.23	1368.91
G 70.0	1597.36	1572.31	1544.50	1514.09	1483.59	1453.60	1425.92	1404.05	1391.15	1385.27	1391.15	1404.05	1425.92
G 75.0	1703.48	1675.20	1643.77	1608.94	1573.33	1539.53	1509.16	1483.58	1466.99	1458.03	1466.99	1483.58	1509.16
G 80.0	1838.63	1809.34	1776.35	1738.91	1699.37	1660.77	1625.02	1593.96	1573.44	1562.28	1573.44	1593.96	1625.02
G 85.0	2022.82	1991.13	1954.72	1912.70	1867.68	1821.20	1776.54	1739.44	1716.77	1706.16	1716.77	1739.44	1776.54
G 90.0	2272.14	2234.12	2190.93	2142.33	2091.78	2038.15	1984.61	1939.87	1912.48	1899.52	1912.48	1939.87	1984.61

Luminaire

Code 00-9003-05-M1_1
Name COCO DOUBLE

Measurement

Code 00-9003-05-M1_1
Name COCO DOUBLE

Luminaire Flux	592 lm	Luminaire Power	5.5 W	Efficacy	106.613 lm/W	Efficiency	73.41%
Source Flux	806 lm	Maximum value	85.91 cd/klm	Position	C=0.00 G=150.00	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	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36
G 5.0	1625.04	1625.02	1627.84	1631.88	1636.21	1640.51	1636.21	1631.88	1627.84	1625.02	1625.04	1627.93	1631.95
G 10.0	1532.09	1532.36	1534.01	1536.49	1539.04	1541.37	1539.04	1536.49	1534.01	1532.36	1532.09	1533.15	1534.86
G 15.0	1458.73	1459.50	1460.10	1460.60	1461.15	1461.77	1461.15	1460.60	1460.10	1459.50	1458.73	1457.82	1456.93
G 20.0	1405.63	1410.07	1414.59	1418.87	1422.41	1425.28	1422.41	1418.87	1414.59	1410.07	1405.63	1401.55	1398.16
G 25.0	1376.32	1383.51	1390.89	1397.77	1403.04	1406.85	1403.04	1397.77	1390.89	1383.51	1376.32	1369.80	1364.45
G 30.0	1349.21	1359.46	1371.43	1383.62	1393.73	1401.61	1393.73	1383.62	1371.43	1359.46	1349.21	1341.28	1335.67
G 35.0	1327.91	1340.37	1354.33	1368.24	1379.79	1388.91	1379.79	1368.24	1354.33	1340.37	1327.91	1317.68	1309.97
G 40.0	1316.08	1330.26	1345.72	1360.92	1373.54	1383.59	1373.54	1360.92	1345.72	1330.26	1316.08	1304.00	1294.59
G 45.0	1311.26	1327.17	1344.68	1362.09	1376.82	1388.80	1376.82	1362.09	1344.68	1327.17	1311.26	1297.86	1287.54
G 50.0	1314.04	1332.99	1353.72	1374.20	1391.33	1405.10	1391.33	1374.20	1353.72	1332.99	1314.04	1297.95	1285.46
G 55.0	1327.04	1348.47	1371.97	1395.23	1414.74	1430.46	1414.74	1395.23	1371.97	1348.47	1327.04	1308.92	1294.89
G 60.0	1352.71	1376.88	1403.24	1429.23	1450.96	1468.43	1450.96	1429.23	1403.24	1376.88	1352.71	1332.13	1316.11
G 65.0	1392.69	1420.34	1450.25	1479.54	1503.85	1523.24	1503.85	1479.54	1450.25	1420.34	1392.69	1368.91	1350.23
G 70.0	1453.60	1483.59	1514.09	1544.50	1572.31	1597.36	1572.31	1544.50	1514.09	1483.59	1453.60	1425.92	1404.05
G 75.0	1539.53	1573.33	1608.94	1643.77	1675.20	1703.48	1675.20	1643.77	1608.94	1573.33	1539.53	1509.16	1483.58
G 80.0	1660.77	1699.37	1738.91	1776.35	1809.34	1838.63	1809.34	1776.35	1738.91	1699.37	1660.77	1625.02	1593.96
G 85.0	1821.20	1867.68	1912.70	1954.72	1991.13	2022.82	1991.13	1954.72	1912.70	1867.68	1821.20	1776.54	1739.44
G 90.0	2038.15	2091.78	2142.33	2190.93	2234.12	2272.14	2234.12	2190.93	2142.33	2091.78	2038.15	1984.61	1939.87

Luminaire

Code 00-9003-05-M1_1
Name COCO DOUBLE

Measurment

Code 00-9003-05-M1_1
Name COCO DOUBLE

Luminaire Flux	592 lm	Luminaire Power	5.5 W	Efficacy	106.613 lm/W	Efficiency	73.41%
Source Flux	806 lm	Maximum value	85.91 cd/klm	Position	C=0.00 G=150.00	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	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36	1749.36
G 5.0	1635.55	1638.38	1635.55	1631.95	1627.93	1625.04	1625.02	1627.84	1631.88	1636.21
G 10.0	1536.23	1537.02	1536.23	1534.86	1533.15	1532.09	1532.36	1534.01	1536.49	1539.04
G 15.0	1456.33	1456.03	1456.33	1456.93	1457.82	1458.73	1459.50	1460.10	1460.60	1461.15
G 20.0	1396.09	1395.13	1396.09	1398.16	1401.55	1405.63	1410.07	1414.59	1418.87	1422.41
G 25.0	1361.21	1359.72	1361.21	1364.45	1369.80	1376.32	1383.51	1390.89	1397.77	1403.04
G 30.0	1332.61	1331.38	1332.61	1335.67	1341.28	1349.21	1359.46	1371.43	1383.62	1393.73
G 35.0	1305.56	1303.67	1305.56	1309.97	1317.68	1327.91	1340.37	1354.33	1368.24	1379.79
G 40.0	1289.09	1286.66	1289.09	1294.59	1304.00	1316.08	1330.26	1345.72	1360.92	1373.54
G 45.0	1281.53	1278.90	1281.53	1287.54	1297.86	1311.26	1327.17	1344.68	1362.09	1376.82
G 50.0	1278.17	1274.96	1278.17	1285.46	1297.95	1314.04	1332.99	1353.72	1374.20	1391.33
G 55.0	1286.72	1283.12	1286.72	1294.89	1308.92	1327.04	1348.47	1371.97	1395.23	1414.74
G 60.0	1306.73	1302.58	1306.73	1316.11	1332.13	1352.71	1376.88	1403.24	1429.23	1450.96
G 65.0	1339.24	1334.35	1339.24	1350.23	1368.91	1392.69	1420.34	1450.25	1479.54	1503.85
G 70.0	1391.15	1385.27	1391.15	1404.05	1425.92	1453.60	1483.59	1514.09	1544.50	1572.31
G 75.0	1466.99	1458.03	1466.99	1483.58	1509.16	1539.53	1573.33	1608.94	1643.77	1675.20
G 80.0	1573.44	1562.28	1573.44	1593.96	1625.02	1660.77	1699.37	1738.91	1776.35	1809.34
G 85.0	1716.77	1706.16	1716.77	1739.44	1776.54	1821.20	1867.68	1912.70	1954.72	1991.13
G 90.0	1912.48	1899.52	1912.48	1939.87	1984.61	2038.15	2091.78	2142.33	2190.93	2234.12

Luminaire

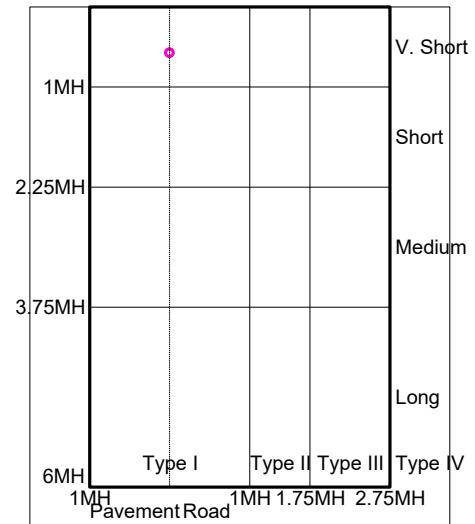
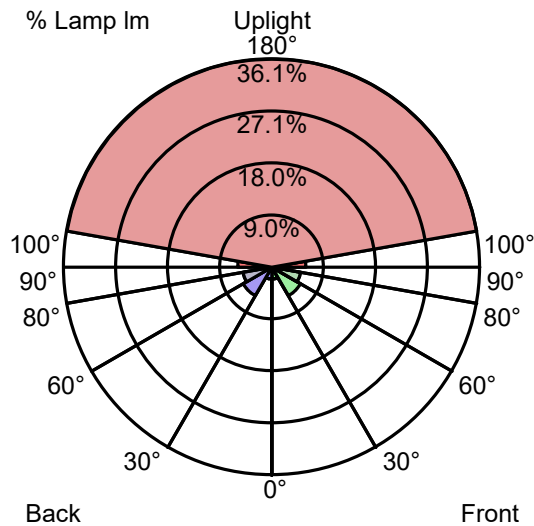
Code 00-9003-05-M1_1
Name COCO DOUBLE

Measurement

Code 00-9003-05-M1_1
Name COCO DOUBLE

Luminaire Flux	592 lm	Luminaire Power	5.5 W	Efficacy	106.613 lm/W	Efficiency	73.41%
Source Flux	806 lm	Maximum value	85.91 cd/klm	Position	C=0.00 G=150.00	CG	Double Symmetrical

US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp %Lum
FL	0° -- 30°	16.9 lm	2.1 % 2.8 %
FM	30° -- 60°	46.3 lm	5.7 % 7.8 %
FH	60° -- 80°	40.9 lm	5.1 % 6.9 %
FVH	80° -- 90°	22.5 lm	2.8 % 3.8 %
BL	0° -- 30°	16.9 lm	2.1 % 2.8 %
BM	30° -- 60°	46.3 lm	5.7 % 7.8 %
BH	60° -- 80°	40.9 lm	5.1 % 6.9 %
BVH	80° -- 90°	22.5 lm	2.8 % 3.8 %
UL	90° -- 100°	47.7 lm	5.9 % 8.1 %
UH	100° -- 180°	290.8 lm	36.1 % 49.2 %
TOTALS		591.7 lm	73.4 % 100.0 %
BUG B0 U3 G1 Type VS Very Short Quadrilateral Symmetry			