

LEDS C4[®]

Luminaire

Code 10-A001-14-14
Name PORTOBELLO

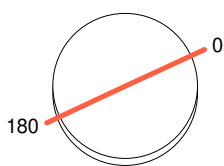
Measurem.

Code 10-A001-14-14
Name PORTOBELLO

Luminaire Flux	137 lm	Luminaire Power	2.1 W	Efficacy	65.271 lm/W	Efficiency	100.00%
Source Flux	137 lm	Maximum value	325.33 cd/klm	Position	C=0.00 G=24.00	CG	Rotosymmetrical
Round Luminaire		Diam.	105 mm	Height	25 mm		
Round Luminous Area		Diam.	101 mm	Height	0 mm		
Horizontal Luminous Area		0.008012 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°		0.001938 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		15-06-2022		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		137 lm	
Operator		qualitat		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources						
Line		Code LED	Name LED	Flux [lm]	Pow. [W]	Q.ty
				137.07	2.10	1
C.I.E.	43 76 94 100 100		D DIN 5040	A30		
F UTE	1.00 E		B NBN	BZ 5		

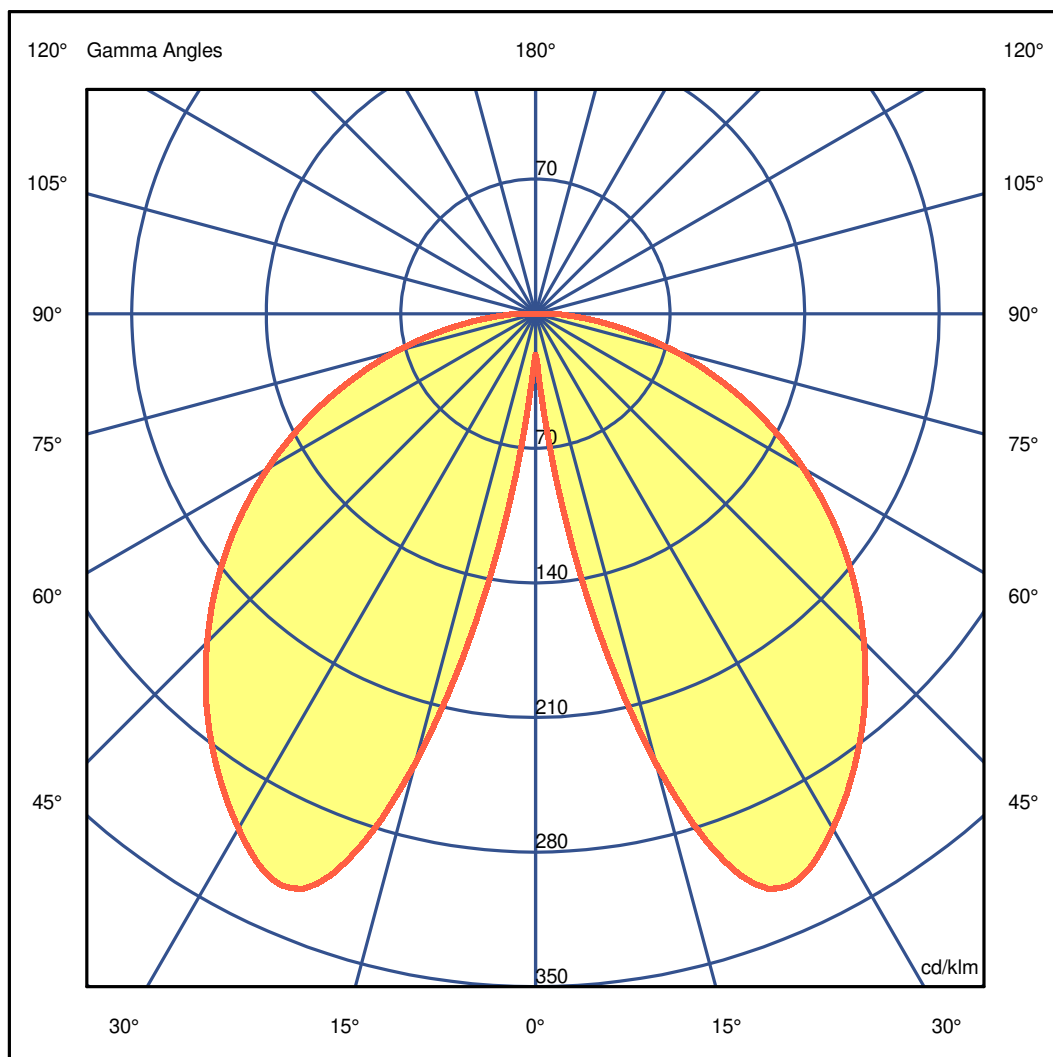
Diam=105mm



C Halfplanes

180.0 — 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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Source Flux	137 lm	Maximum value	325.33 cd/klm	Position	C=0.00 G=24.00	CG	Rotosymmetrical

Luminous Intensity Table cd/klm Table 1/1

	C 0.00	C 0.00
G 0.0	21.26	G 46.0 236.61
G 1.0	22.55	G 47.0 231.52
G 2.0	26.37	G 48.0 226.43
G 3.0	33.09	G 49.0 221.26
G 4.0	42.35	G 50.0 216.04
G 5.0	53.60	G 51.0 210.86
G 6.0	68.33	G 52.0 205.47
G 7.0	84.81	G 53.0 200.14
G 8.0	103.59	G 54.0 194.62
G 9.0	122.49	G 55.0 189.16
G 10.0	142.97	G 56.0 183.53
G 11.0	163.79	G 57.0 177.95
G 12.0	183.75	G 58.0 172.33
G 13.0	204.11	G 59.0 166.65
G 14.0	223.22	G 60.0 161.01
G 15.0	242.42	G 61.0 155.27
G 16.0	259.01	G 62.0 149.59
G 17.0	275.33	G 63.0 143.78
G 18.0	289.11	G 64.0 138.07
G 19.0	300.97	G 65.0 132.26
G 20.0	310.50	G 66.0 126.47
G 21.0	317.52	G 67.0 120.63
G 22.0	322.41	G 68.0 114.80
G 23.0	324.60	G 69.0 108.99
G 24.0	325.33	G 70.0 103.13
G 25.0	324.38	G 71.0 97.39
G 26.0	322.43	G 72.0 91.66
G 27.0	319.63	G 73.0 86.01
G 28.0	316.41	G 74.0 80.34
G 29.0	312.82	G 75.0 74.74
G 30.0	309.11	G 76.0 69.16
G 31.0	305.28	G 77.0 63.61
G 32.0	301.30	G 78.0 58.19
G 33.0	297.27	G 79.0 52.87
G 34.0	293.01	G 80.0 47.71
G 35.0	288.77	G 81.0 42.70
G 36.0	284.34	G 82.0 37.87
G 37.0	279.97	G 83.0 33.20
G 38.0	275.43	G 84.0 28.79
G 39.0	270.83	G 85.0 24.72
G 40.0	266.14	G 86.0 21.03
G 41.0	261.34	G 87.0 17.58
G 42.0	256.50	G 88.0 14.58
G 43.0	251.53	G 89.0 11.97
G 44.0	246.63	G 90.0 9.77
G 45.0	241.59	

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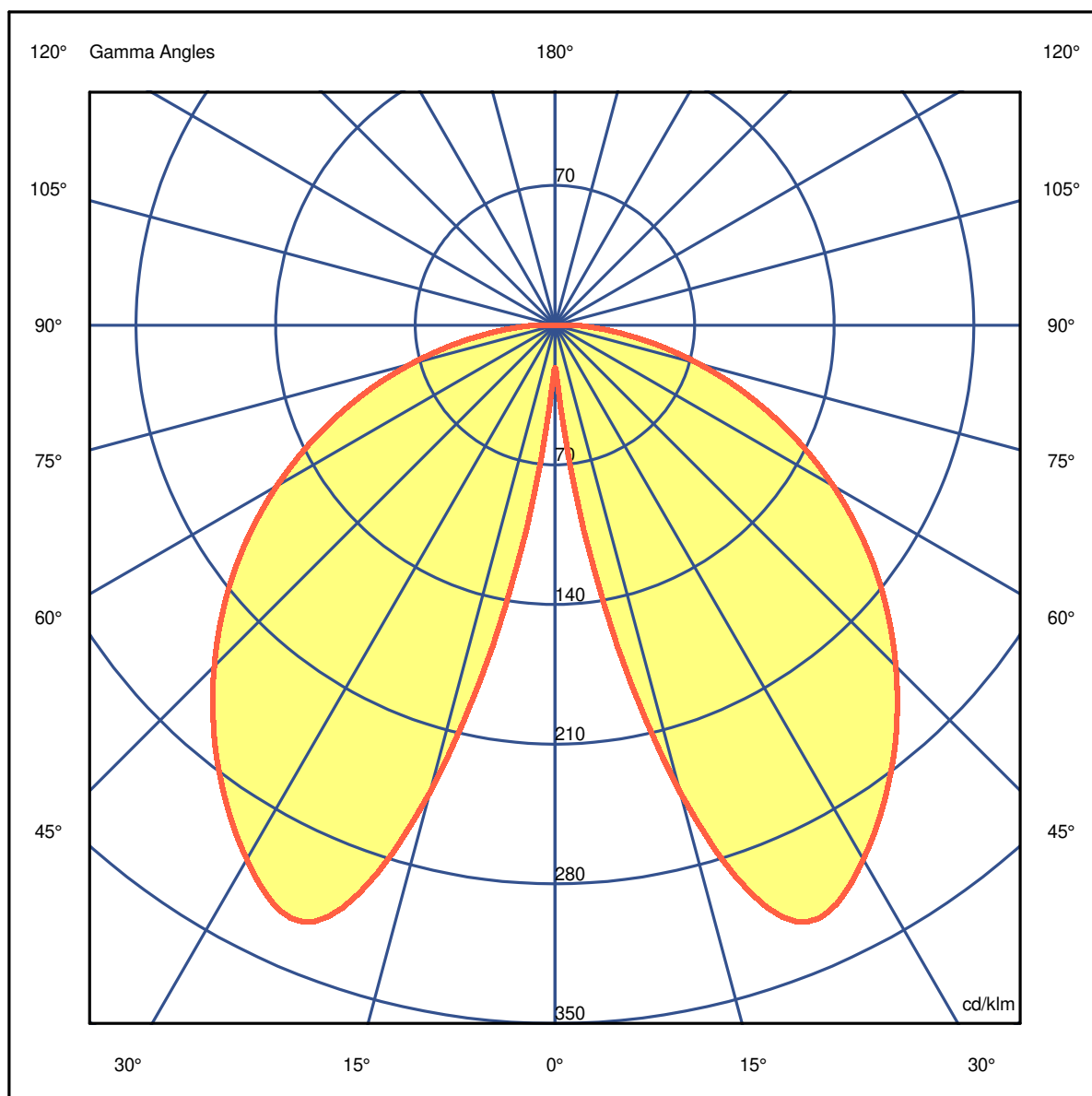
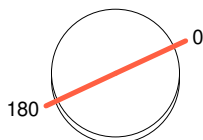
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Diam=105mm

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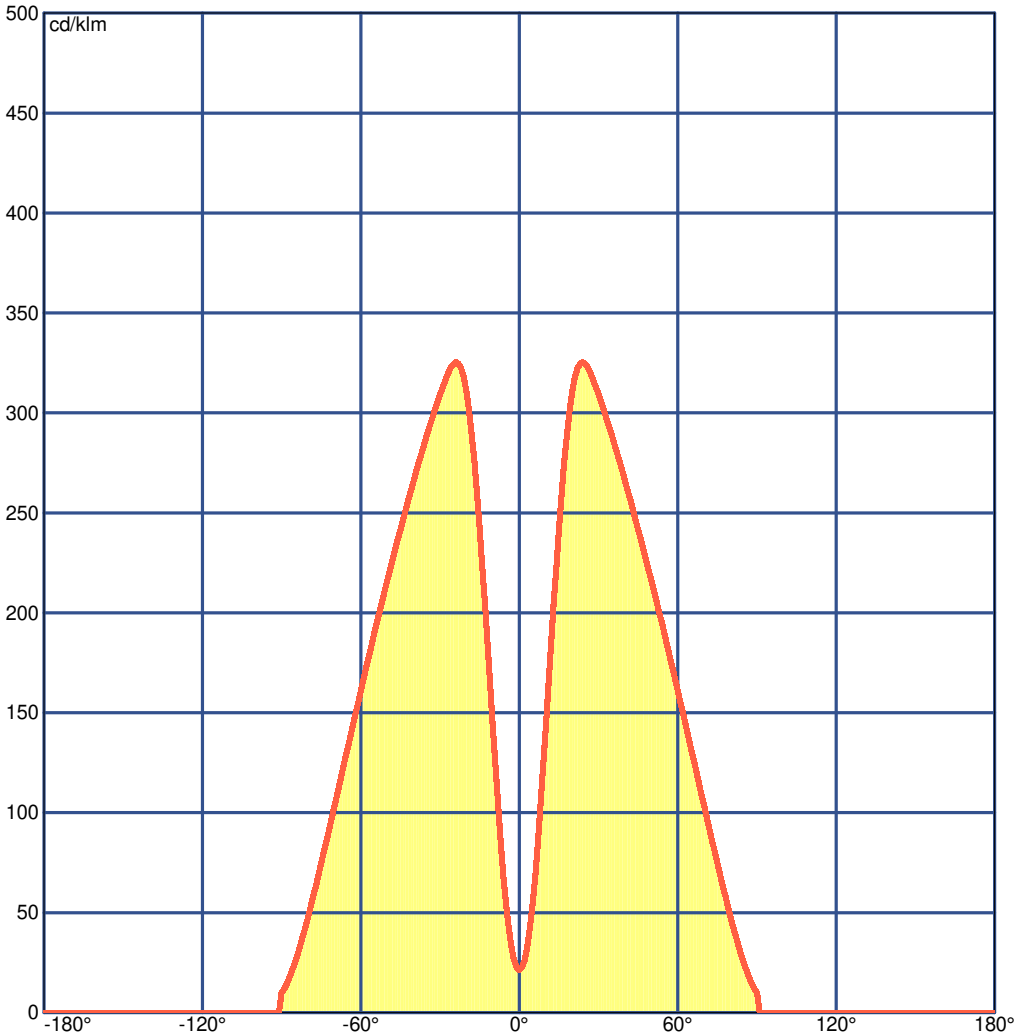
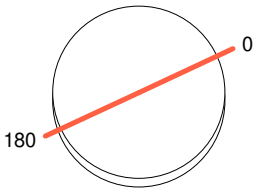
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Source Flux	137 lm	Maximum value	325.33 cd/klm	Position	C=0.00 G=24.00	CG	Rotosymmetrical

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	18.8	20.2	19.1	20.4	20.7	18.8	20.2	19.1	20.4	20.7
x=2H y=3H	20.4	21.7	20.8	22.0	22.2	20.4	21.7	20.8	22.0	22.2
x=2H y=4H	21.1	22.3	21.5	22.6	22.9	21.1	22.3	21.5	22.6	22.9
x=2H y=6H	21.7	22.8	22.0	23.1	23.4	21.7	22.8	22.0	23.1	23.4
x=2H y=8H	21.9	22.9	22.3	23.3	23.6	21.9	22.9	22.3	23.3	23.6
x=2H y=12H	22.0	23.1	22.4	23.4	23.7	22.0	23.1	22.4	23.4	23.7
x=4H y=2H	19.5	20.7	19.9	21.0	21.3	19.5	20.7	19.9	21.0	21.3
x=4H y=3H	21.3	22.4	21.7	22.7	23.0	21.3	22.4	21.7	22.7	23.0
x=4H y=4H	22.2	23.1	22.6	23.4	23.8	22.2	23.1	22.6	23.4	23.8
x=4H y=6H	22.9	23.6	23.3	24.0	24.4	22.9	23.6	23.3	24.0	24.4
x=4H y=8H	23.1	23.9	23.5	24.2	24.7	23.1	23.9	23.5	24.2	24.7
x=4H y=12H	23.3	24.0	23.8	24.4	24.8	23.3	24.0	23.8	24.4	24.8
x=8H y=4H	22.5	23.2	22.9	23.6	24.0	22.5	23.2	22.9	23.6	24.0
x=8H y=6H	23.4	23.9	23.8	24.4	24.8	23.4	23.9	23.8	24.4	24.8
x=8H y=8H	23.7	24.3	24.2	24.7	25.2	23.7	24.3	24.2	24.7	25.2
x=8H y=12H	24.0	24.5	24.5	25.0	25.5	24.0	24.5	24.5	25.0	25.5
x=12H y=4H	22.5	23.2	23.0	23.6	24.1	22.5	23.2	23.0	23.6	24.1
x=12H y=6H	23.4	24.0	23.9	24.4	24.9	23.4	24.0	23.9	24.4	24.9
x=12H y=8H	23.9	24.3	24.3	24.8	25.3	23.9	24.3	24.3	24.8	25.3

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Source Flux	137 lm	Maximum value	325.33 cd/klm	Position	C=0.00 G=24.00	CG Rotosymmetrical	

Total Flux=137.07 Luminaire Flux=137.07

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	0.27	0.36	0.44	0.51	0.57	0.66	0.71	0.76	0.81	0.84	0.92	0.96
RC	6	6	6	5	5	5	5	5	5	6	6	6

Zonal Flux per 1000 Lumen

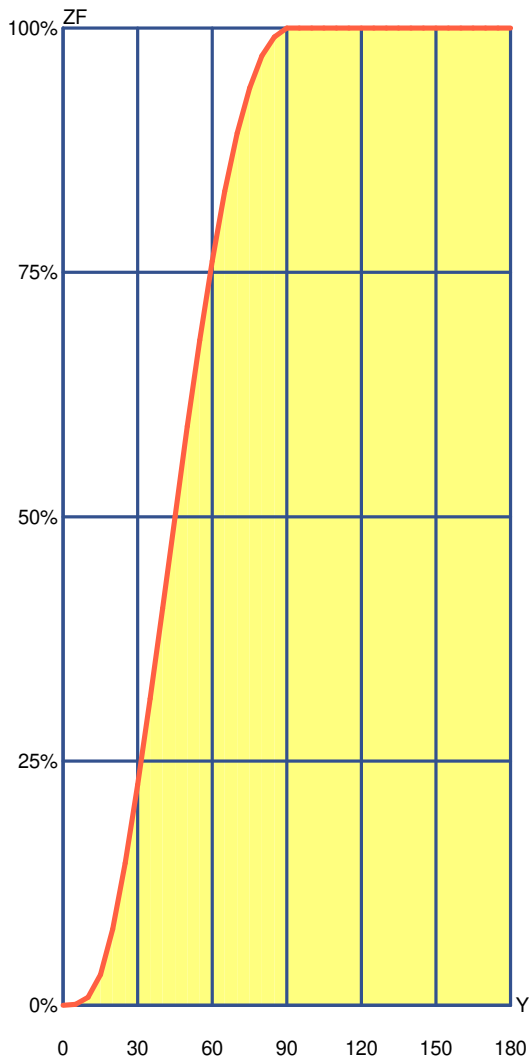
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	8	78	226	406	593	762	893	972	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

43 76 94 100 100

C.I.E. 6/6/6/5/5/5/5/5/6/6
D DIN 5040 A30
F UTE 1.00 E
B NBN BZ 5
RN 0.00000 %
BLF 1.0

LOR 100.00000 %
ULOR 0.00000 %
DLOR 100.00000 %
UFF 0.00000 %
DFF 100.00000 %
FFR 0.00000 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	0.90	0.90	0.09 %	0.09 %
10°	7.17	8.07	0.72 %	0.81 %
15°	23.33	31.40	2.33 %	3.14 %
20°	46.43	77.83	4.64 %	7.78 %
25°	67.48	145.31	6.75 %	14.53 %
30°	80.33	225.65	8.03 %	22.56 %
35°	88.04	313.69	8.80 %	31.37 %
40°	92.56	406.25	9.26 %	40.63 %
45°	93.98	500.23	9.40 %	50.02 %
50°	92.45	592.68	9.24 %	59.27 %
55°	88.10	680.78	8.81 %	68.08 %
60°	80.89	761.68	8.09 %	76.17 %
65°	71.26	832.94	7.13 %	83.29 %
70°	59.57	892.51	5.96 %	89.25 %
75°	46.42	938.93	4.64 %	93.89 %
80°	32.63	971.56	3.26 %	97.16 %
85°	19.42	990.98	1.94 %	99.10 %
90°	9.02	1000.00	0.90 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

LEDS C4⁺

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Source Flux	137 lm	Maximum value	325.33 cd/klm	Position	C=0.00 G=24.00	CG Rotosymmetrical	

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	221	199	177	160	189	152	113	96	90	77	48	36	17	12	72	38	34	14	11	32	12	10	0	
0.80	256	235	189	174	223	167	141	124	103	91	57	46	23	17	85	48	43	19	16	41	17	15	0	
1.00	279	260	191	179	247	171	165	147	110	99	64	53	29	22	93	55	50	25	21	48	22	19	0	
1.25	299	282	189	179	268	172	188	171	115	105	71	60	35	28	99	61	57	31	27	54	28	25	0	
1.50	313	297	185	176	283	170	207	190	117	109	75	66	41	34	103	67	62	37	33	60	33	30	0	
2.00	330	317	173	168	303	162	235	220	118	111	82	73	51	44	106	74	70	46	42	67	42	39	0	
2.50	342	331	165	160	316	155	255	242	118	112	86	78	58	51	107	78	75	53	49	72	49	46	0	
3.00	349	340	157	154	325	150	271	258	117	113	89	82	64	57	107	82	79	59	55	76	55	52	0	
4.00	360	353	148	146	337	142	293	282	116	113	93	88	72	66	108	87	85	68	64	82	64	60	0	
5.00	367	361	142	140	345	137	307	298	115	113	96	91	77	72	108	90	88	73	70	85	70	66	0	
10.00	381	378	128	127	362	125	340	335	113	111	101	99	91	88	108	97	96	87	85	94	84	81	0	
20.00	388	386	119	118	371	117	359	356	110	110	104	103	99	97	107	101	101	96	95	98	93	90	0	

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	482	470	426	417	463	412	365	357	333	327	279	274	240	238	324	275	273	239	238	272	238	237	218
0.80	543	531	467	458	521	452	424	415	377	371	324	318	283	281	367	318	316	282	280	315	280	279	256
1.00	585	573	490	483	561	476	468	457	407	400	355	349	315	312	395	349	347	312	311	344	311	309	282
1.25	622	610	508	501	595	494	508	497	431	426	383	377	344	341	419	376	374	341	339	370	339	337	307
1.50	648	637	519	514	620	506	539	528	449	444	404	398	367	363	436	396	394	363	361	390	360	357	325
2.00	676	667	524	520	647	512	576	566	465	461	426	421	393	389	452	418	415	388	386	410	384	381	344
2.50	694	685	526	522	664	514	602	591	474	470	440	435	411	406	461	431	429	405	402	423	400	395	357
3.00	705	697	524	522	674	514	619	609	479	476	449	444	422	418	466	439	437	416	413	431	410	405	364
4.00	725	718	528	526	694	519	648	639	491	488	466	462	443	439	477	456	454	436	433	446	429	423	379
5.00	740	735	533	532	709	524	669	661	501	498	479	476	459	455	487	468	467	451	449	459	444	437	391
10.00	777	774	547	546	745	539	721	717	526	524	513	511	501	498	513	501	500	491	489	491	481	473	422
20.00	796	794	553	553	764	546	750	748	538	538	531	530	524	522	526	519	519	513	512	508	502	493	440

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	572	559	533	524	551	518	431	423	415	409	346	341	296	294	405	341	340	295	294	338	294	293	275
0.80	682	667	628	618	655	609	535	524	510	503	439	433	385	382	496	432	430	383	382	427	381	380	361
1.00	767	752	699	690	736	680	620	608	586	578	516	509	462	458	570	508	505	459	457	501	456	454	435
1.25	849	834	765	756	814	745	703	690	659	651	592	584	539	534	640	582	579	534	532	574	531	528	509
1.50	909	895	812	804	872	792	768	754	713	706	650	642	599	593	693	639	635	593	590	629	588	584	566
2.00	997	984	879	873	957	859	866	852	794	787	739	731	693	686	772	725	722	684	681	714	678	672	656
2.50	1000	1000	920	915	1000	902	931	918	845	840	797	790	755	749	823	782	779	746	742	769	737	730	715
3.00	1000	1000	948	944	1000	930	979	966	882	877	839	832	801	794	859	823	820	790	786	809	781	772	757
4.00	1000	1000	982	979	1000	965	1000	1000	926	922	891	885	860	853	903	874	871	846	843	858	835	824	811
5.00	1000	1000	1000	1000	1000	986	1000	1000	954	950	924	919	896	890	931	905	903	882	878	889	869	857	844
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	994	991	978	974	988	974	972	960	957	955	943	927	916
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	991	985	967	956

LM53 SHR C0-C180: 4.193 SHR C90-C270: 4.193 SHR Square: 1.500

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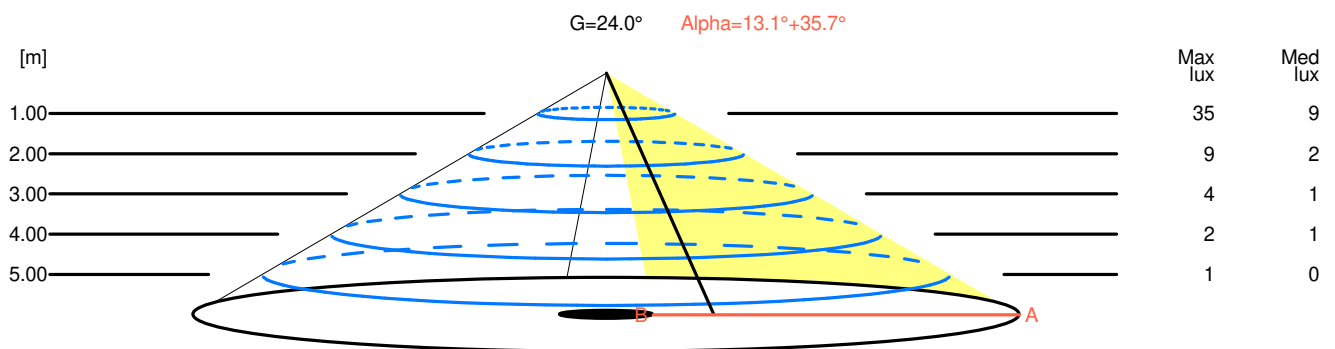
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Width at 50.00 % of Max Intensity

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	1.27	2.53	3.80	5.07	6.33	OC	1.67	3.33	5.00	6.67	8.33
OB	0.25	0.50	0.76	1.01	1.26	OD	1.67	3.33	5.00	6.67	8.33

	0	5	15	25	35	45	55	65	75	85
OA	2.91	7.35	33.23	44.46	39.58	33.11	25.93	18.13	10.24	3.39
OB	2.91	7.35	33.23	44.46	39.58	33.11	25.93	18.13	10.24	3.39
OC	2.91	7.35	33.23	44.46	39.58	33.11	25.93	18.13	10.24	3.39
OD	2.91	7.35	33.23	44.46	39.58	33.11	25.93	18.13	10.24	3.39



H[m]	D[m]	Max lux	Med lux	Alpha=13.1°+35.7°	G=24.0	
1.00	1.52	35	9			
2.00	3.04	9	2			
3.00	4.55	4	1			
4.00	6.07	2	1			
5.00	7.59	1	0			

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Measurement

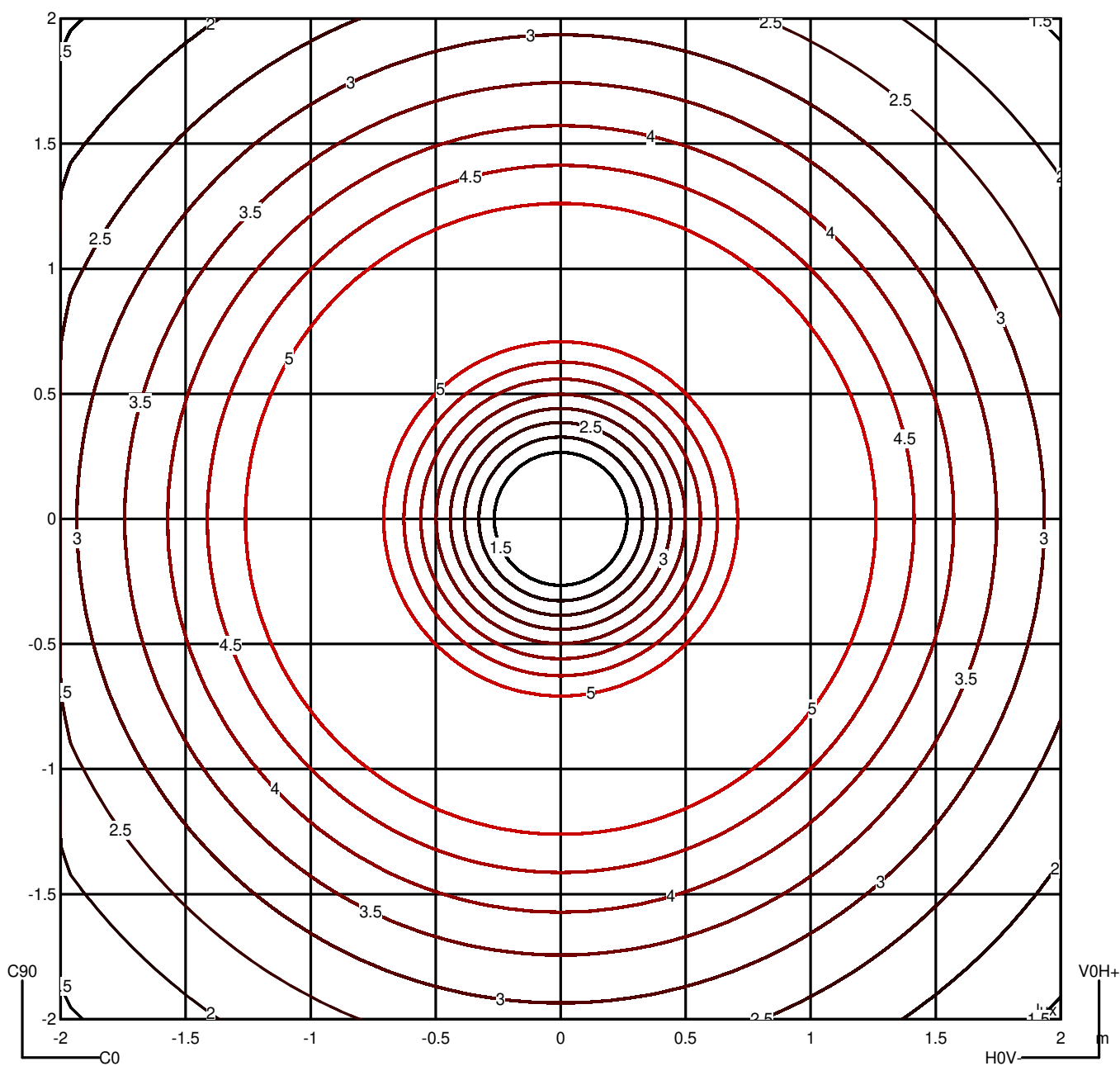
Code 10-A001-14-14

Name PORTOBELLO

Luminaire Flux	137 lm	Luminaire Power	2.1 W	Efficacy	65.271 lm/W	Efficiency	100.00%
Source Flux	137 lm	Maximum value	325.33 cd/klm	Position	C=0.00 G=24.00	CG	Rotosymmetrical

Isolux (Floor)

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



LEDS C4[®]

Luminaire

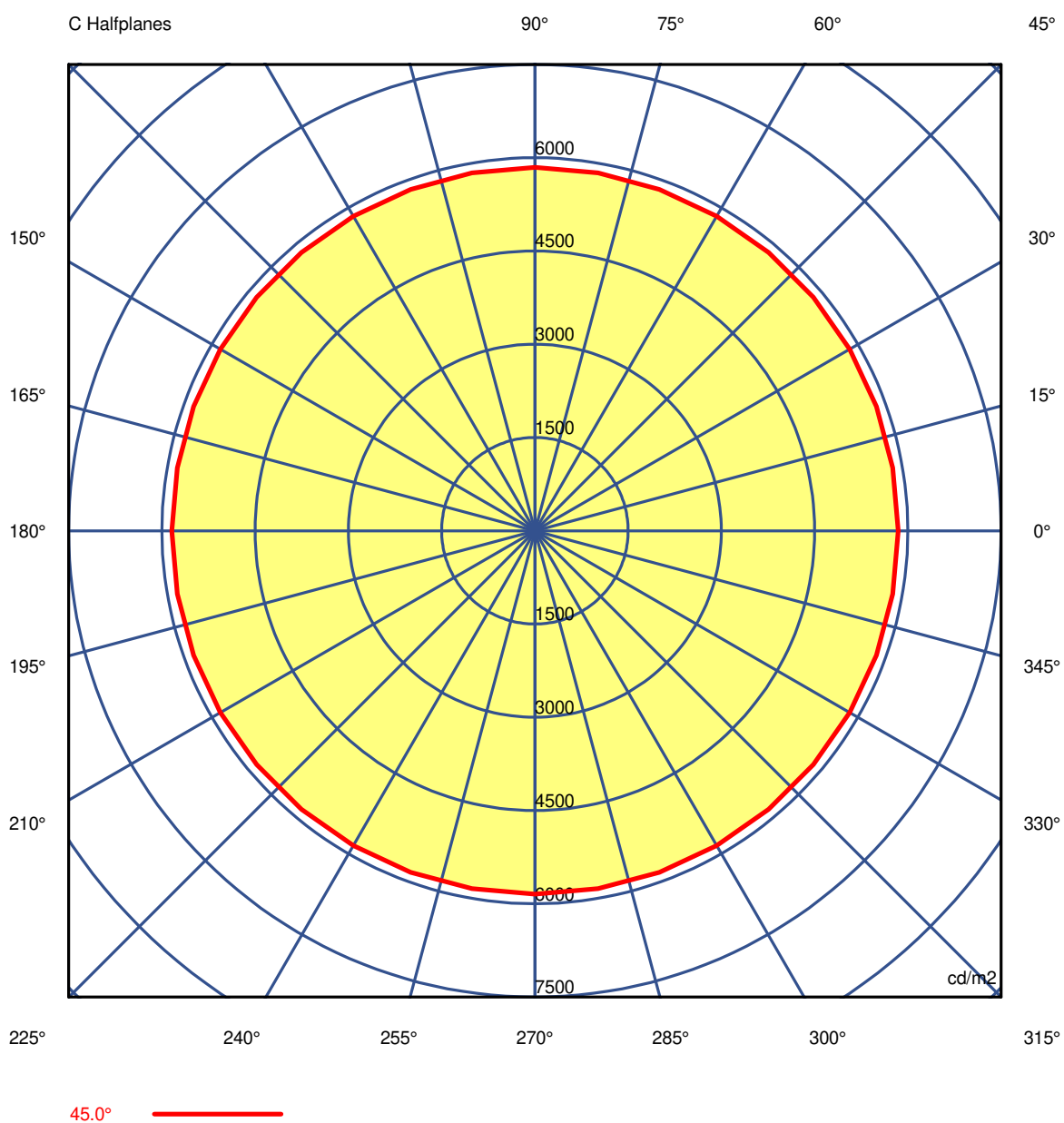
Code 10-A001-14-14
Name PORTOBELLO

Measurem.

Code 10-A001-14-14
Name PORTOBELLO

Luminaire Flux	137 lm	Luminaire Power	2.1 W	Efficacy	65.271 lm/W	Efficiency	100.00%
Source Flux	137 lm	Maximum value	325.33 cd/klm	Position	C=0.00 G=24.00	CG	Rotosymmetrical

Luminance



LEDS C4[®]

Luminaire

Code 10-A001-14-14
Name PORTOBELLO

Measurerm.

Code 10-A001-14-14
Name PORTOBELLO

Luminaire Flux		137 lm		Luminaire Power		2.1 W		Efficacy		65.271 lm/W		Efficiency		100.00%	
Source Flux		137 lm		Maximum value		325.33 cd/klm		Position		C=0.00 G=24.00		CG		Rotosymmetrical	
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	363.65	363.65	363.65	363.65	363.65	363.65	363.65	363.65	363.65	363.65	363.65	363.65	363.65	363.65	363.65
G 5.0	920.47	920.47	920.47	920.47	920.47	920.47	920.47	920.47	920.47	920.47	920.47	920.47	920.47	920.47	920.47
G 10.0	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70
G 15.0	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80
G 20.0	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14
G 25.0	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25
G 30.0	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41
G 35.0	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05
G 40.0	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89
G 45.0	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25
G 50.0	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19
G 55.0	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29
G 60.0	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24
G 65.0	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14
G 70.0	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70
G 75.0	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35
G 80.0	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16
G 85.0	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29
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

LEDS C4[®]

Luminaire

Code 10-A001-14-14
Name PORTOBELLO

Measurerm.

Code 10-A001-14-14
Name PORTOBELLO

Luminaire Flux	137 lm	Luminaire Power	2.1 W	Efficacy	65.271 lm/W	Efficiency	100.00%
Source Flux	137 lm	Maximum value	325.33 cd/klm	Position	C=0.00 G=24.00	CG	Rotosymmetrical

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	363.65	363.65	363.65	363.65	363.65	363.65	363.65	363.65	363.65	363.65	363.65	363.65	363.65
G 5.0	920.47	920.47	920.47	920.47	920.47	920.47	920.47	920.47	920.47	920.47	920.47	920.47	920.47
G 10.0	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70
G 15.0	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80
G 20.0	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14
G 25.0	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25
G 30.0	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41
G 35.0	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05
G 40.0	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89
G 45.0	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25
G 50.0	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19
G 55.0	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29
G 60.0	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24
G 65.0	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14
G 70.0	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70
G 75.0	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35
G 80.0	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16
G 85.0	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29
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

LEDS C4²

Luminaire

Code 10-A001-14-14
Name PORTOBELLO

Measurem.

Code 10-A001-14-14
Name PORTOBELLO

Luminaire Flux	137 lm	Luminaire Power	2.1 W	Efficacy	65.271 lm/W	Efficiency	100.00%
Source Flux	137 lm	Maximum value	325.33 cd/klm	Position	C=0.00 G=24.00	CG	Rotosymmetrical

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	363.65	363.65	363.65	363.65	363.65	363.65	363.65	363.65	363.65	363.65
G 5.0	920.47	920.47	920.47	920.47	920.47	920.47	920.47	920.47	920.47	920.47
G 10.0	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70	2483.70
G 15.0	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80	4293.80
G 20.0	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14	5653.14
G 25.0	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25	6123.25
G 30.0	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41	6106.41
G 35.0	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05	6031.05
G 40.0	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89	5943.89
G 45.0	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25	5845.25
G 50.0	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19	5750.19
G 55.0	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29	5642.29
G 60.0	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24	5509.24
G 65.0	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14	5354.14
G 70.0	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70	5158.70
G 75.0	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35	4940.35
G 80.0	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16	4700.16
G 85.0	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29	4852.29
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LEDS C4²

Luminaire

Code 10-A001-14-14

Name PORTOBELLO

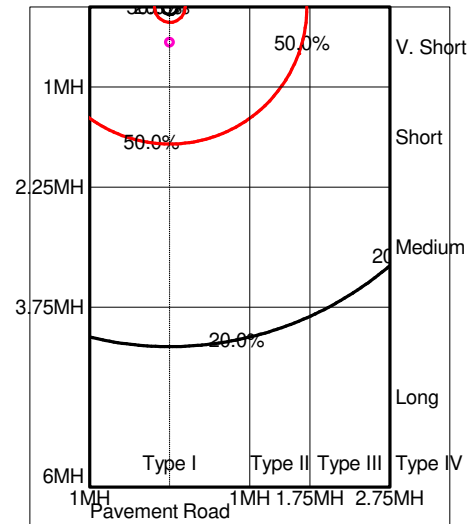
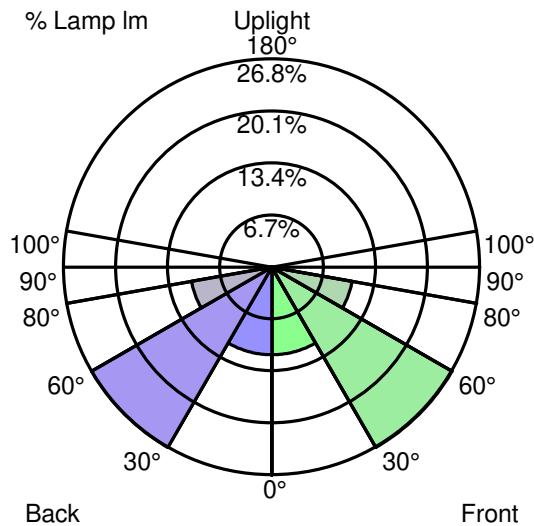
Measurem.

Code 10-A001-14-14

Name PORTOBELLO

Luminaire Flux	137 lm	Luminaire Power	2.1 W	Efficacy	65.271 lm/W	Efficiency	100.00%
Source Flux	137 lm	Maximum value	325.33 cd/klm	Position	C=0.00 G=24.00	CG	Rotosymmetrical

US ROAD STANDARDS



Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	15.5 lm	11.3 %	11.3 %
FM	30° -- 60°	36.7 lm	26.8 %	26.8 %
FH	60° -- 80°	14.4 lm	10.5 %	10.5 %
FVH	80° -- 90°	1.9 lm	1.4 %	1.4 %
BL	0° -- 30°	15.5 lm	11.3 %	11.3 %
BM	30° -- 60°	36.7 lm	26.8 %	26.8 %
BH	60° -- 80°	14.4 lm	10.5 %	10.5 %
BVH	80° -- 90°	1.9 lm	1.4 %	1.4 %
UL	90° -- 100°	0.0 lm	0.0 %	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %	0.0 %
TOTALS		137.1 lm	100.0 %	100.0 %
BUG B0 U0 G0 Type V Very Short Quadrilateral Symmetry				