Luminaire
Code SUB258.902.11
Name GRUPO OPTICO DOME 60 R9003 BCO MATE
Measurem.
Code CL092A20F019G
Name GRUPO OPTICO DOME 60 R9003 BCO MATE

Luminaire Flux	1112.15 lm	Luminaire Power	14.66 W	Efficacy	75.88 lm/W	Efficiency	100.00%
Sources Flux	1112.15 lm	Maximum value	1850.40 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

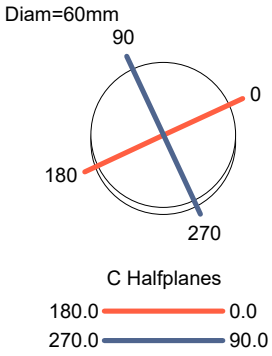
Round Luminaire	Diam. 60 mm	Height	120 mm
Round Luminous Area	Diam. 40 mm	Height	0 mm
Horizontal Luminous Area	0.001257 m2	Emitting area on Plane 180°	0.000000 m2
Emitting area on Plane 0°	0.000000 m2	Emitting area on Plane 270°	0.000000 m2
Emitting area on Plane 90°	0.000000 m2	Glare area at 76°	0.000304 m2
Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	15-12-2020	Maximum Gamma Angle	90
Measurement Distance	6.44	Measurement Flux	1112.15 lm
Operator	Asselum T2	Rated Voltage	230.25 V
Temperature	25.60 °C	Rated Current	0.07 A
Humidity	34.60 %	Photocell	Prc
Notes	RM20110501		

Luminaire Sources

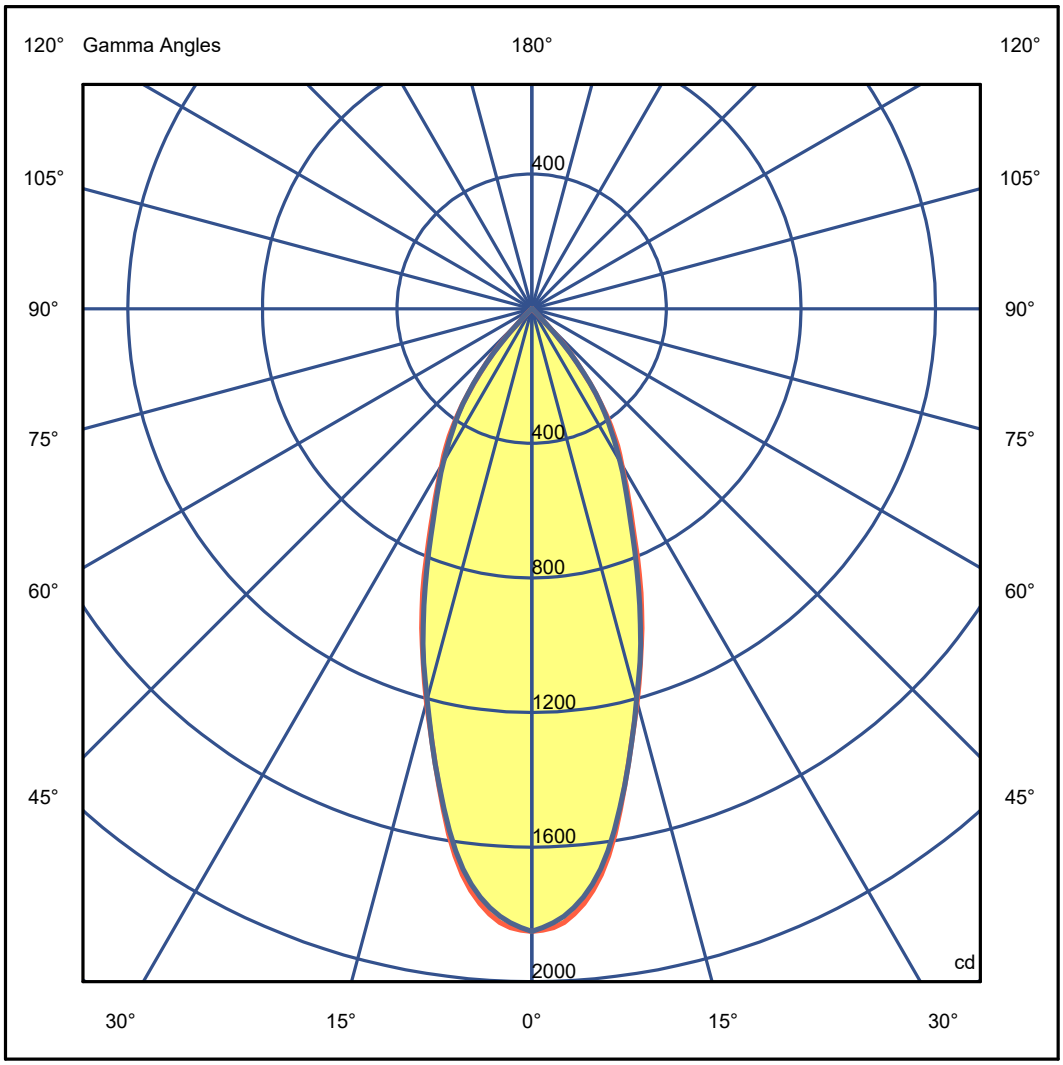
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	SUB258.902.11	LUMILEDS	1112.15	14.66	1

C.I.E.	97 100 100 100 100	D DIN 5040	A60
F UTE	1.00 A	B NBN	BZ 1





ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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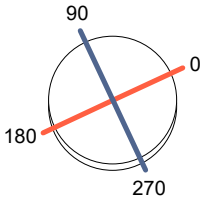
Luminous Intensity Table cd **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	1850.40	1850.40	1850.40	1850.40	1850.40	1850.40	1850.40
G 2.5	1834.08	1834.72	1835.97	1834.52	1828.43	1821.20	1817.70
G 5.0	1774.02	1772.60	1770.99	1767.88	1762.56	1756.69	1755.03
G 7.5	1669.47	1664.27	1659.25	1655.42	1653.46	1652.87	1652.85
G 10.0	1513.98	1515.51	1521.53	1524.39	1518.98	1510.26	1505.70
G 12.5	1349.23	1364.57	1382.09	1389.35	1378.61	1360.75	1351.34
G 15.0	1210.07	1210.23	1213.00	1214.12	1210.71	1205.59	1202.94
G 17.5	1078.25	1077.31	1078.91	1079.83	1077.87	1074.72	1073.08
G 20.0	954.94	948.43	941.26	936.14	934.90	935.96	936.86
G 22.5	827.43	826.07	826.79	825.47	819.47	812.24	808.73
G 25.0	709.09	706.28	708.17	708.73	703.79	696.87	693.36
G 27.5	615.83	611.78	609.62	608.06	606.14	604.36	603.58
G 30.0	534.94	531.61	530.43	529.70	528.18	526.48	525.67
G 32.5	466.13	464.23	464.30	462.71	457.18	450.70	447.59
G 35.0	385.62	387.89	392.80	394.65	389.75	382.28	378.42
G 37.5	297.24	294.26	296.03	298.76	297.68	295.81	298.42
G 40.0	208.61	204.18	202.52	203.36	206.13	209.20	210.64
G 42.5	127.59	123.72	121.66	120.00	117.78	115.66	114.72
G 45.0	24.11	35.79	50.46	57.57	50.66	37.82	30.90
G 47.5	3.38	5.87	9.35	11.05	9.30	6.34	3.94
G 50.0	2.46	2.54	2.71	2.85	2.82	2.81	2.79
G 52.5	1.97	2.01	2.08	2.14	2.12	2.08	2.07
G 55.0	1.52	1.57	1.66	1.72	1.70	1.67	1.66
G 57.5	1.28	1.31	1.35	1.37	1.36	1.35	1.35
G 60.0	1.07	1.08	1.10	1.12	1.13	1.13	1.14
G 62.5	0.91	0.90	0.91	0.92	0.94	0.96	0.97
G 65.0	0.75	0.75	0.76	0.77	0.78	0.79	0.80
G 67.5	0.61	0.63	0.64	0.65	0.66	0.65	0.65
G 70.0	0.51	0.51	0.51	0.52	0.52	0.53	0.54
G 72.5	0.43	0.42	0.41	0.42	0.43	0.45	0.46
G 75.0	0.37	0.36	0.34	0.34	0.34	0.36	0.36
G 77.5	0.25	0.26	0.27	0.28	0.28	0.27	0.28
G 80.0	0.19	0.19	0.20	0.20	0.21	0.22	0.22
G 82.5	0.17	0.16	0.16	0.15	0.16	0.16	0.16
G 85.0	0.13	0.13	0.14	0.14	0.14	0.13	0.13
G 87.5	0.13	0.13	0.13	0.12	0.13	0.13	0.13
G 90.0	0.13	0.12	0.11	0.11	0.11	0.12	0.13

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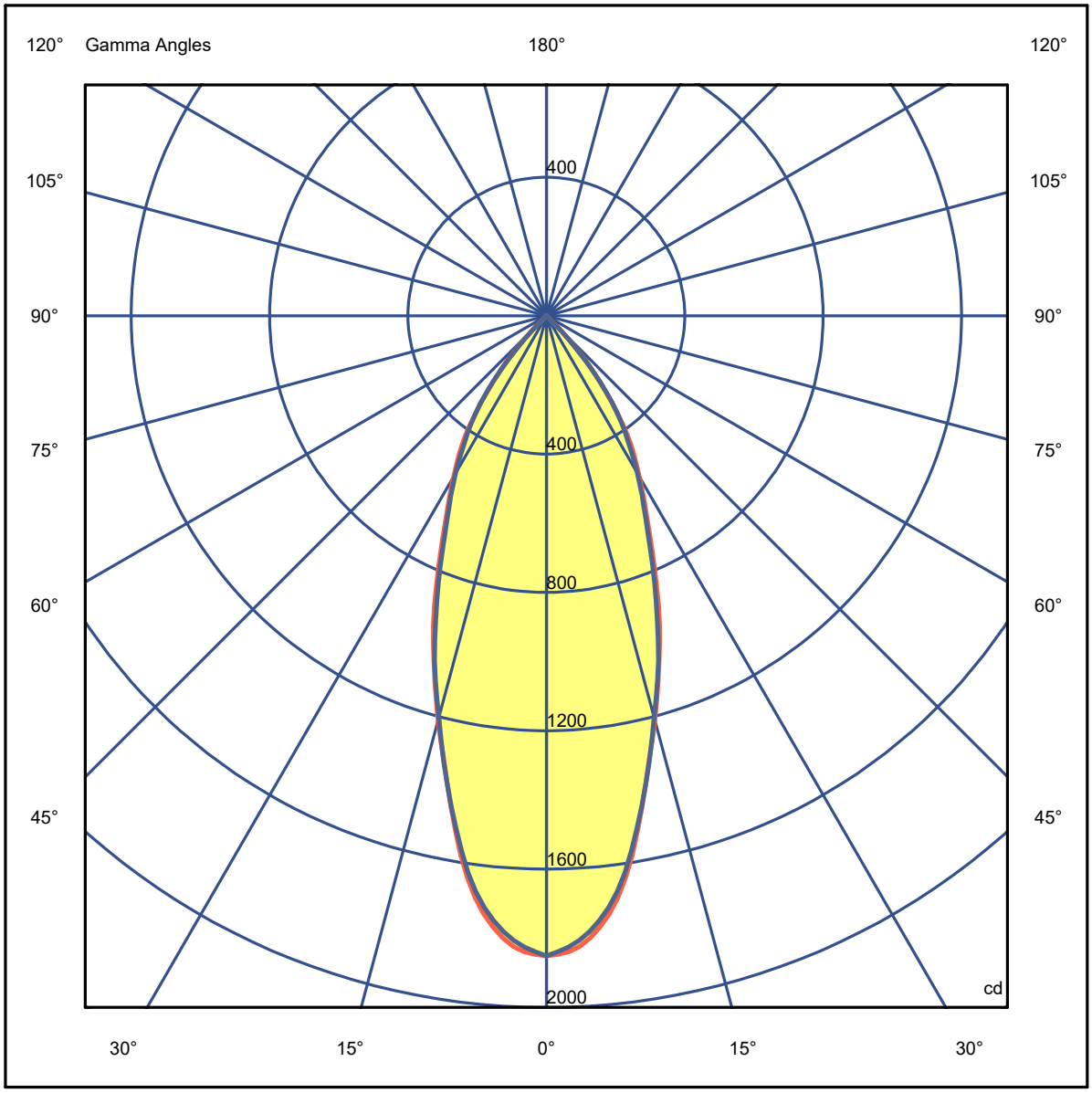
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Diam=60mm



C Halfplanes

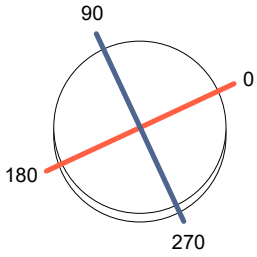




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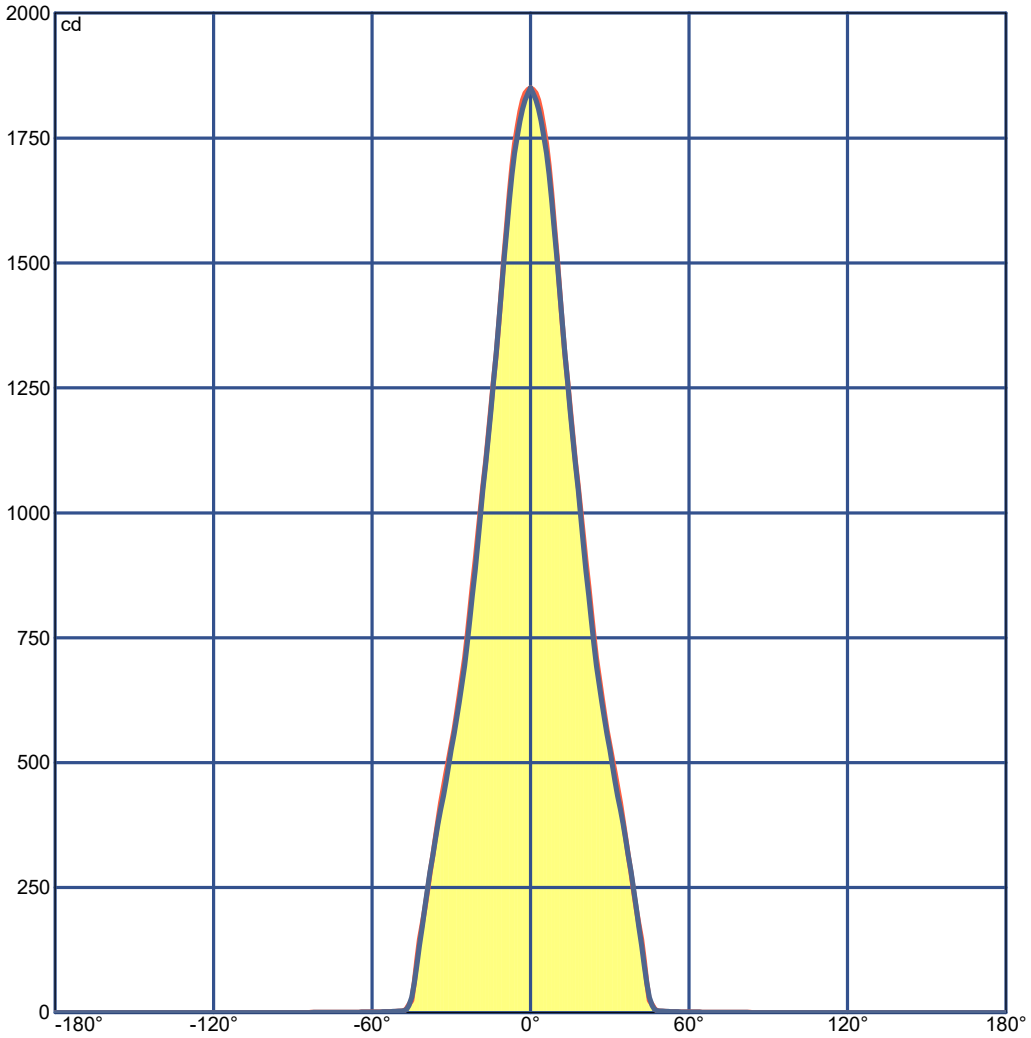
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C Halfplanes





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Utilizations CIE

Mounting Direct Normalization Normalised Suspension Ratio 1/3 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	163	147	94	84	139	81	94	80	52	44	32	24	18	12	41	26	23	14	12	22	12	11	0
0.80	196	180	102	94	171	90	124	108	61	54	41	32	25	19	50	34	31	21	18	29	18	16	0
1.00	219	204	103	96	194	92	148	132	66	59	47	39	32	25	56	40	37	28	24	35	24	22	0
1.25	242	228	104	98	217	94	173	157	72	65	54	46	40	32	62	47	44	35	31	42	31	28	0
1.50	260	247	104	99	235	96	193	178	76	70	59	52	46	38	66	52	49	41	37	47	37	34	0
2.00	283	272	101	98	259	94	224	210	79	75	67	60	56	48	71	60	57	51	47	55	47	43	0
2.50	298	289	99	96	276	93	246	233	82	78	72	66	64	56	74	66	63	59	54	61	55	51	0
3.00	310	301	97	95	288	92	263	251	84	80	76	71	70	63	77	70	68	65	61	65	61	57	0
4.00	326	320	97	95	306	93	286	276	87	85	82	78	78	72	81	77	75	73	69	72	69	65	0
5.00	338	332	97	96	318	94	302	293	90	88	86	82	83	78	84	81	80	78	75	77	75	71	0
10.00	362	359	98	97	344	96	337	332	95	94	95	93	95	92	91	91	90	91	89	88	88	85	0
20.00	375	374	99	99	359	98	357	354	99	98	100	99	101	100	96	97	97	98	97	94	96	93	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	286	277	198	193	272	191	215	208	154	151	129	126	111	109	149	127	125	110	109	125	109	108	86
0.80	318	309	210	205	301	202	245	237	169	165	145	141	127	124	162	141	140	125	123	138	123	122	96
1.00	333	323	206	202	313	199	261	252	170	166	148	144	132	128	163	144	142	129	127	140	127	125	95
1.25	348	338	205	202	326	197	279	269	172	169	153	149	138	133	164	148	146	134	132	144	131	129	96
1.50	358	349	202	199	335	195	291	281	173	170	156	151	141	137	164	149	148	137	135	145	133	131	95
2.00	358	350	182	180	333	175	297	286	159	156	146	141	134	129	150	138	137	129	126	133	124	120	81
2.50	351	343	161	159	325	154	294	285	142	140	132	128	123	118	133	124	123	117	114	118	111	106	65
3.00	340	333	140	138	313	133	287	277	124	122	116	112	109	104	114	108	106	102	99	101	96	90	47
4.00	332	326	119	118	304	113	284	276	107	105	101	98	97	92	97	92	91	88	86	84	81	74	29
5.00	323	318	102	101	294	96	278	270	91	90	87	84	84	80	81	78	77	75	73	69	67	60	12
10.00	262	259	23	22	231	16	224	219	16	15	16	14	15	12	5	5	4	5	3	0	0	0	0
20.00	144	142	0	0	112	0	110	108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	896	886	836	830	880	827	810	803	780	776	748	745	725	723	774	745	744	723	722	743	722	721	713
0.80	961	950	885	880	941	875	871	862	831	827	799	795	775	772	823	795	793	773	771	791	771	769	761
1.00	1000	1000	928	923	994	917	929	918	878	874	849	844	827	822	869	843	841	823	821	838	820	818	809
1.25	1000	1000	960	956	1000	949	977	965	915	910	888	882	867	862	903	880	878	862	859	874	858	854	846
1.50	1000	1000	983	978	1000	971	1000	1000	941	936	917	910	897	891	928	908	905	890	887	900	885	881	873
2.00	1000	1000	1000	1000	1000	1000	1000	1000	983	979	964	958	949	941	969	953	951	940	936	944	932	926	919
2.50	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	995	989	983	975	994	982	980	972	968	972	963	955	948
3.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	995	991	991	985	975	969
4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	992	986
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	995
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

LM53 SHR C0-C180: 0.631 SHR C90-C270: 0.631 SHR Square: 0.709

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Isolux (Floor)

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

