

LEDS C4[®]

Luminaire

Code 55-9156-M1-M1V1
Name CISNE

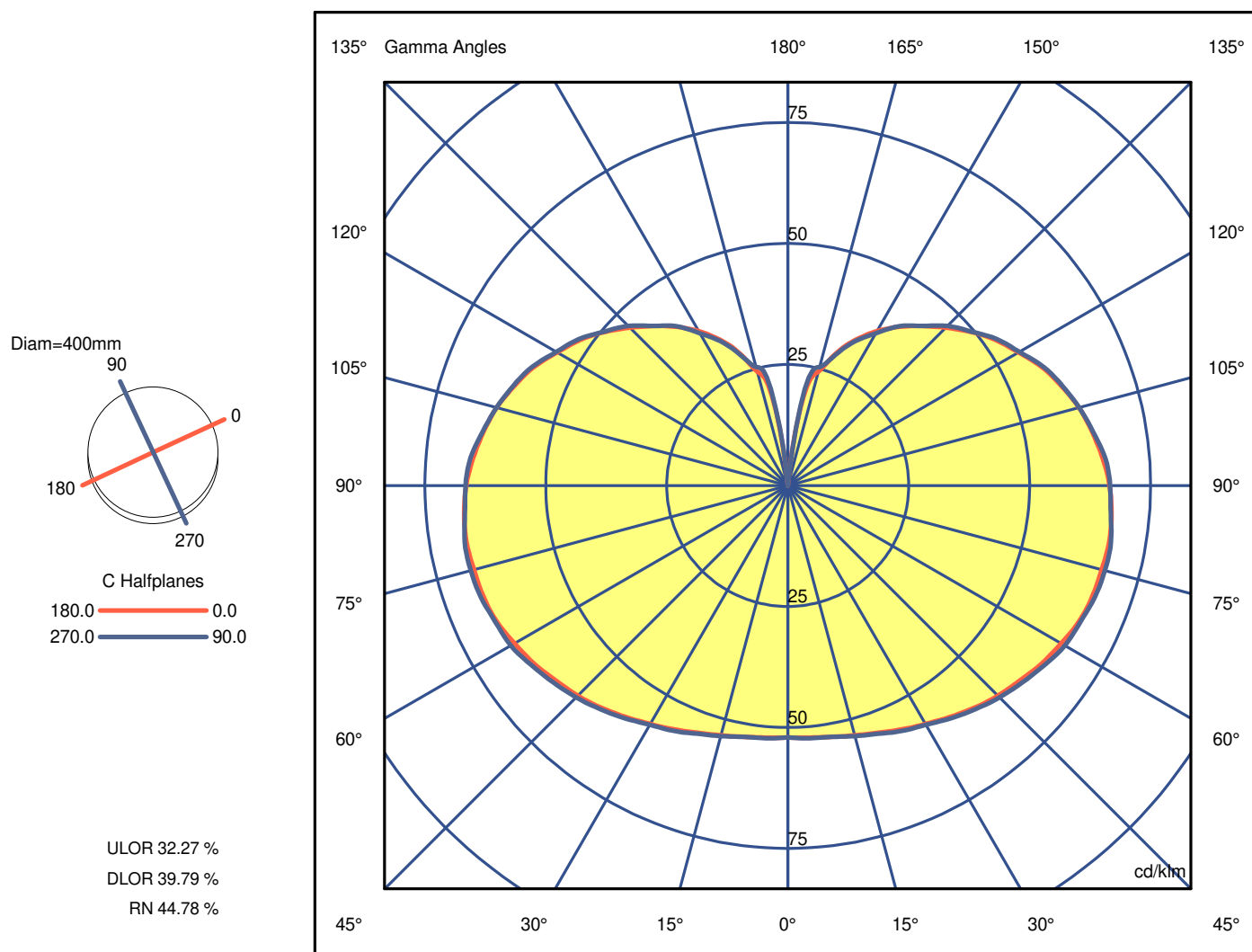
Measurum.

Code 55-9156-M1-M1V1
Name CISNE

Luminaire Flux	1080.83 lm	Luminaire Power	23.00 W	Efficacy	46.99 lm/W	Efficiency	72.06%
Sources Flux	1500.00 lm	Maximum value	67.84 cd/klm	Position	C=90.00 G=75.00	CG	Double Symmetrical
Round Luminaire		Diam.	400 mm	Height	400 mm		
Round Luminous Area		Diam.	400 mm	Height	400 mm		
Horizontal Luminous Area			0.125664 m ²	Emitting area on Plane 180°			0.160000 m ²
Emitting area on Plane 0°			0.160000 m ²	Emitting area on Plane 270°			0.160000 m ²
Emitting area on Plane 90°			0.160000 m ²	Glare area at 76°			0.185648 m ²
Coordinate system		CG		Symmetry Type			Double Symmetrical
Date		17-11-2008		Maximum Gamma Angle			180
Measurement Distance		0.00		Measurement Flux			1500.00 lm
Operator		OxyTech		Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	55-9156-M1-M1V1	DELN2341	1500.00	23.00	1
C.I.E.	22 47 74 55 72	D DIN 5040	C11		
F UTE	0.40 J + 0.32 T	B NBN	BZ 9 / 0.8 / BZ 8 / 1 / BZ 9 / 2.5 / BZ 8		



LEDS C4[®]

Luminaire

Code 55-9156-M1-M1V1
Name CISNE

Measurem.

Code 55-9156-M1-M1V1
Name CISNE

Luminaire Flux	1080.83 lm	Luminaire Power	23.00 W	Efficacy	46.99 lm/W	Efficiency	72.06%
Sources Flux	1500.00 lm	Maximum value	67.84 cd/klm	Position	C=90.00 G=75.00	CG	Double Symmetrical

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	52.05	52.05	52.05	52.05	52.05	52.05	52.05
G 5.0	52.27	52.21	52.18	52.22	52.18	52.30	52.39
G 10.0	52.72	52.70	52.65	52.66	52.83	52.66	52.74
G 15.0	53.43	53.50	53.45	53.53	53.42	53.51	53.59
G 20.0	54.33	54.59	54.46	54.36	54.47	54.28	54.57
G 25.0	55.60	55.79	55.62	55.76	55.59	55.62	55.93
G 30.0	56.89	57.02	56.90	56.91	57.01	56.80	57.06
G 35.0	58.38	58.59	58.42	58.45	58.44	58.57	58.71
G 40.0	59.94	59.97	59.90	59.87	59.90	59.85	60.29
G 45.0	61.41	61.44	61.45	61.61	61.63	61.56	61.89
G 50.0	62.63	62.73	62.75	62.89	62.79	62.84	63.27
G 55.0	64.07	64.33	64.20	64.22	64.43	64.30	64.71
G 60.0	65.20	65.31	65.26	65.31	65.20	65.35	66.10
G 65.0	66.41	66.36	66.25	66.30	66.29	66.48	66.70
G 70.0	66.97	67.10	66.84	66.82	66.85	67.25	67.51
G 75.0	67.18	67.29	67.24	67.18	67.22	67.65	67.84
G 80.0	67.42	67.35	67.12	67.08	67.23	67.66	67.81
G 85.0	67.14	66.99	66.69	66.66	66.73	67.28	67.01
G 90.0	66.49	66.20	66.06	65.97	66.09	66.52	66.61
G 95.0	65.29	64.97	64.89	65.05	65.04	65.35	65.82
G100.0	63.87	63.64	63.49	63.42	63.61	64.02	64.06
G105.0	62.30	61.79	61.69	61.83	61.82	62.29	62.34
G110.0	60.17	59.63	59.33	59.49	59.86	59.91	60.36
G115.0	57.93	57.27	56.93	57.06	57.45	57.96	58.21
G120.0	55.06	54.37	54.11	53.98	54.91	55.07	55.26
G125.0	52.45	51.72	51.38	51.45	51.89	52.43	52.75
G130.0	49.40	48.47	48.24	48.07	48.65	49.08	49.51
G135.0	46.13	45.66	45.46	45.46	45.67	46.21	46.66
G140.0	43.05	42.47	42.34	42.30	42.26	42.51	43.06
G145.0	40.03	39.41	39.53	39.50	39.44	39.65	40.23
G150.0	36.85	36.05	36.08	36.04	35.85	35.87	36.30
G155.0	33.24	32.51	32.60	32.59	32.40	32.55	32.93
G160.0	29.05	28.15	27.97	27.89	27.95	27.98	28.73
G165.0	24.39	23.81	23.78	23.46	23.31	24.19	25.37
G170.0	18.78	18.73	18.63	18.54	18.54	19.53	20.28
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LEDS C4²

Luminaire

Code 55-9156-M1-M1V1
Name CISNE

Measur.

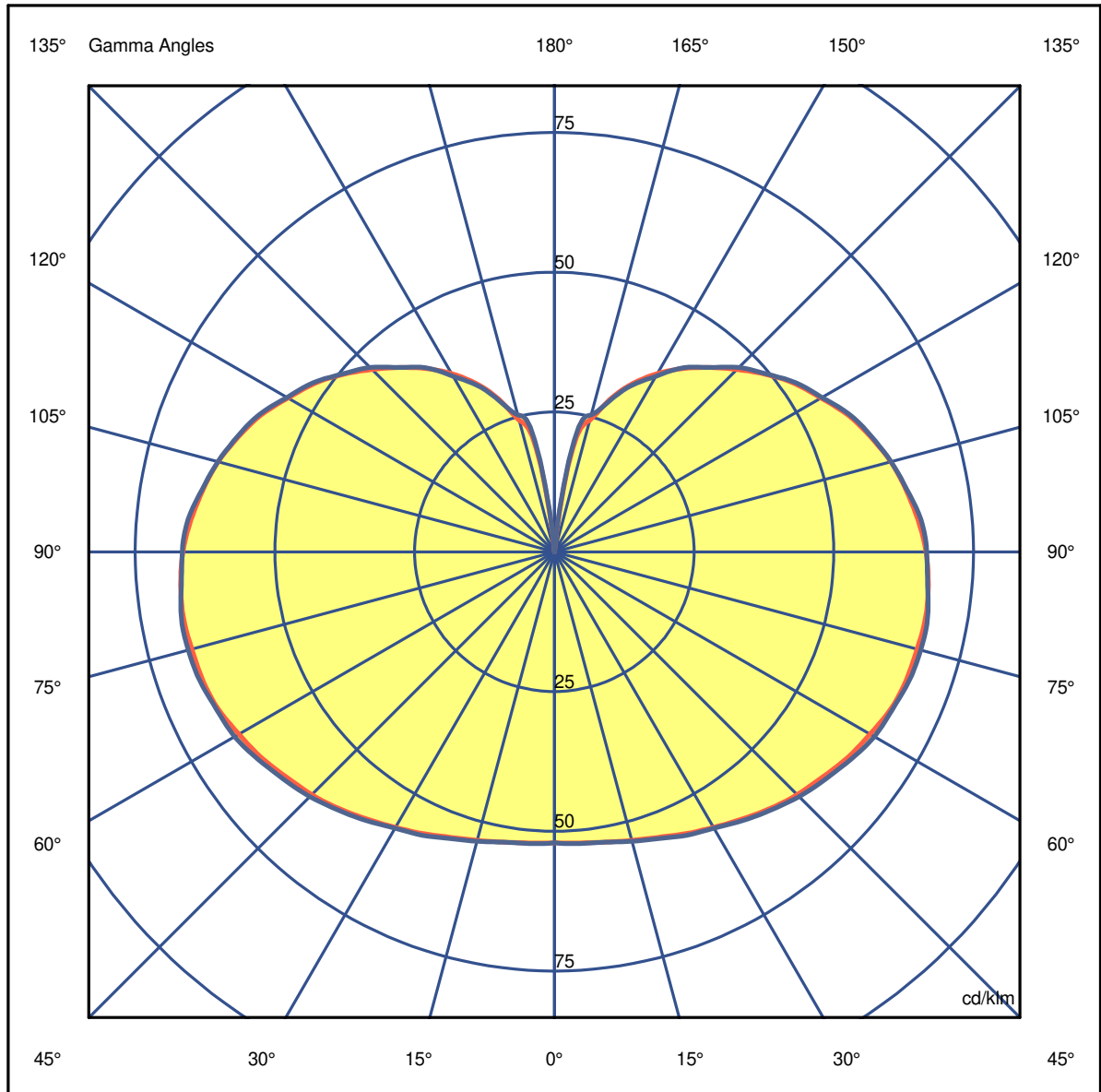
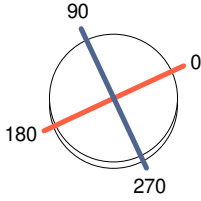
Code 55-9156-M1-M1V1
Name CISNE

Luminaire Flux	1080.83 lm	Luminaire Power	23.00 W	Efficacy	46.99 lm/W	Efficiency	72.06%
Sources Flux	1500.00 lm	Maximum value	67.84 cd/klm	Position	C=90.00 G=75.00	CG	Double Symmetrical

Diam=400mm

C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



LEDS C4[®]

Luminaire

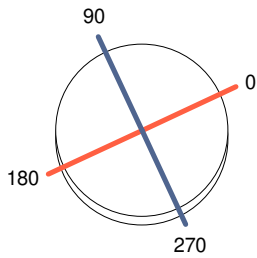
Code 55-9156-M1-M1V1
Name CISNE

Measurement

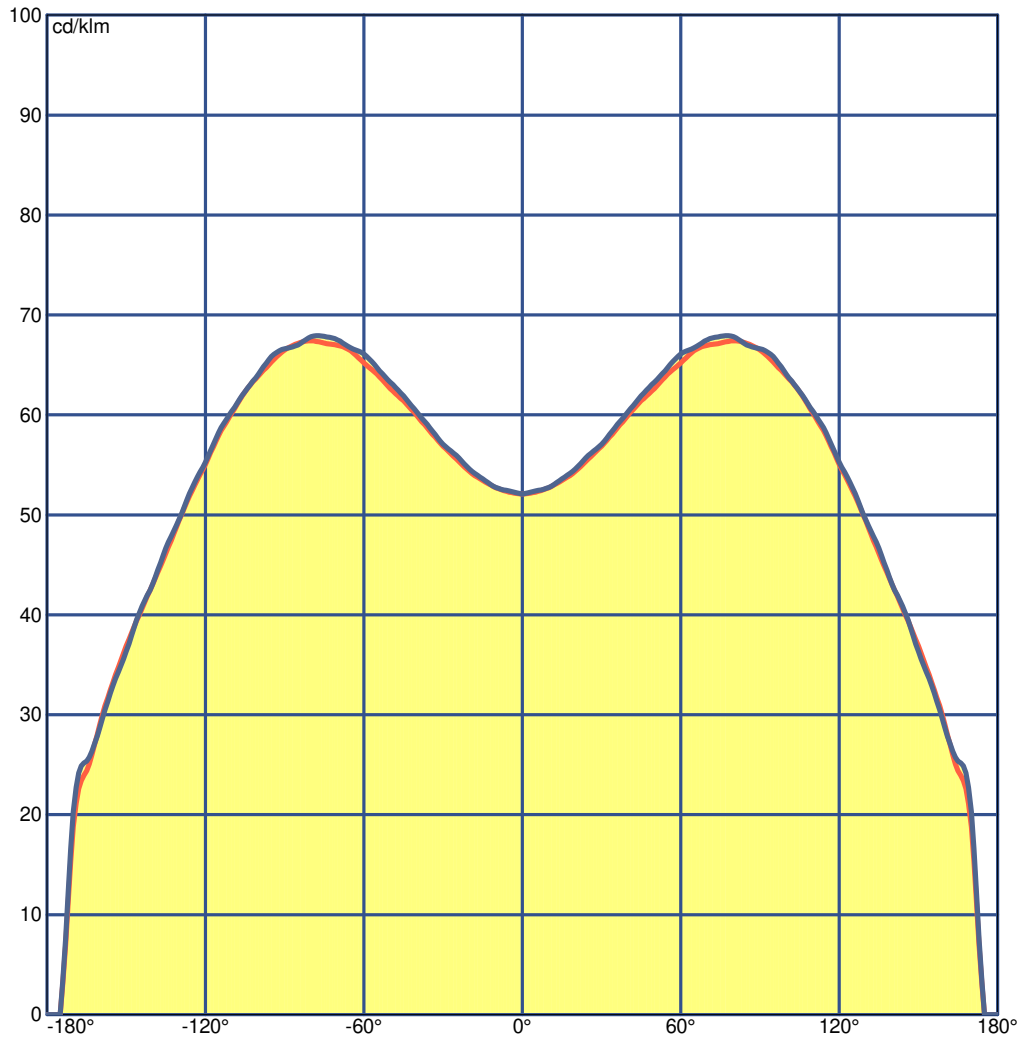
Code 55-9156-M1-M1V1
Name CISNE

Luminaire Flux	1080.83 lm	Luminaire Power	23.00 W	Efficacy	46.99 lm/W	Efficiency	72.06%
Sources Flux	1500.00 lm	Maximum value	67.84 cd/klm	Position	C=90.00 G=75.00	CG	Double Symmetrical

Diam=400mm



C Halfplanes



LEDS C4²

Luminaire

Code 55-9156-M1-M1V1
Name CISNE

Measurement

Code 55-9156-M1-M1V1
Name CISNE

Luminaire Flux	1080.83 lm	Luminaire Power	23.00 W	Efficacy	46.99 lm/W	Efficiency	72.06%
Sources Flux	1500.00 lm	Maximum value	67.84 cd/klm	Position	C=90.00 G=75.00	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
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	6.7	7.7	7.6	8.6	9.7	6.8	7.8	7.6	8.6	9.7
x=2H y=3H	9.4	10.4	10.3	11.3	12.4	9.5	10.4	10.3	11.3	12.4
x=2H y=4H	10.9	11.7	11.7	12.6	13.8	10.9	11.7	11.8	12.7	13.8
x=2H y=6H	12.2	13.0	13.1	14.0	15.2	12.3	13.1	13.2	14.0	15.2
x=2H y=8H	12.9	13.7	13.8	14.6	15.8	13.0	13.7	13.9	14.6	15.8
x=2H y=12H	13.6	14.4	14.5	15.3	16.5	13.6	14.4	14.5	15.3	16.5
x=4H y=2H	7.7	8.6	8.6	9.5	10.7	7.7	8.6	8.6	9.5	10.7
x=4H y=3H	10.6	11.3	11.5	12.3	13.4	10.6	11.4	11.5	12.3	13.5
x=4H y=4H	12.1	12.8	13.0	13.7	14.9	12.1	12.8	13.0	13.7	14.9
x=4H y=6H	13.6	14.2	14.6	15.2	16.4	13.6	14.3	14.6	15.2	16.5
x=4H y=8H	14.4	14.9	15.3	15.9	17.1	14.4	15.0	15.3	15.9	17.2
x=4H y=12H	15.1	15.7	16.1	16.6	17.9	15.2	15.7	16.1	16.6	17.9
x=8H y=4H	12.7	13.3	13.6	14.2	15.5	12.7	13.3	13.7	14.3	15.5
x=8H y=6H	14.5	14.9	15.4	15.9	17.2	14.5	15.0	15.4	15.9	17.2
x=8H y=8H	15.4	15.8	16.4	16.8	18.1	15.4	15.8	16.4	16.8	18.1
x=8H y=12H	16.3	16.7	17.3	17.7	19.0	16.3	16.7	17.3	17.7	19.0
x=12H y=4H	12.8	13.3	13.8	14.3	15.6	12.8	13.4	13.8	14.3	15.6
x=12H y=6H	14.7	15.1	15.7	16.1	17.4	14.7	15.1	15.7	16.1	17.4
x=12H y=8H	15.7	16.0	16.7	17.1	18.4	15.7	16.1	16.7	17.1	18.4

LEDS C4⁺

Luminaire

Code 55-9156-M1-M1V1
Name CISNE

Measurement

Code 55-9156-M1-M1V1
Name CISNE

Luminaire Flux	1080.83 lm	Luminaire Power	23.00 W	Efficacy	46.99 lm/W	Efficiency	72.06%
Sources Flux	1500.00 lm	Maximum value	67.84 cd/klm	Position	C=90.00 G=75.00	CG	Double Symmetrical

Total Flux=1500.00 Luminaire Flux=1080.83

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	0.20	0.25	0.31	0.36	0.44	0.50	0.55	0.62	0.67	0.79	0.87
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	20	46	83	130	188	254	325	398	469	534	591	638	673	698	713	720	721

CIE Flux Codes

22 47 74 55 72

C.I.E.	9	LOR	72.05544 %
D DIN 5040	C11	ULOR	32.26685 %
F UTE	0.40 J + 0.32 T	DLOR	39.78860 %
B NBN	BZ 9 / 0.8 / BZ 8 / 1 / BZ 9 / 2.5 / BZ 8	UFF	44.78059 %
RN	44.78059 %	DFF	55.21941 %
BLF	1.0	FFR	81.09573 %



Gamma °	Zonal Flux			
	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	1.25	1.25	0.17 %	0.17 %
10°	3.75	5.00	0.52 %	0.69 %
15°	6.30	11.30	0.87 %	1.57 %
20°	8.89	20.19	1.23 %	2.80 %
25°	11.55	31.74	1.60 %	4.41 %
30°	14.25	46.00	1.98 %	6.38 %
35°	17.00	63.00	2.36 %	8.74 %
40°	19.76	82.76	2.74 %	11.49 %
45°	22.49	105.25	3.12 %	14.61 %
50°	25.13	130.38	3.49 %	18.09 %
55°	27.64	158.03	3.84 %	21.93 %
60°	29.97	188.00	4.16 %	26.09 %
65°	32.02	220.02	4.44 %	30.53 %
70°	33.78	253.80	4.69 %	35.22 %
75°	35.12	288.92	4.87 %	40.10 %
80°	36.04	324.95	5.00 %	45.10 %
85°	36.48	361.43	5.06 %	50.16 %
90°	36.45	397.89	5.06 %	55.22 %
95°	35.97	433.86	4.99 %	60.21 %
100°	35.01	468.86	4.86 %	65.07 %
105°	33.62	502.48	4.67 %	69.74 %
110°	31.81	534.30	4.41 %	74.15 %
115°	29.68	563.97	4.12 %	78.27 %
120°	27.24	591.21	3.78 %	82.05 %
125°	24.62	615.83	3.42 %	85.47 %
130°	21.87	637.70	3.03 %	88.50 %
135°	19.09	656.79	2.65 %	91.15 %
140°	16.35	673.14	2.27 %	93.42 %
145°	13.70	686.84	1.90 %	95.32 %
150°	11.15	697.98	1.55 %	96.87 %
155°	8.69	706.68	1.21 %	98.07 %
160°	6.37	713.05	0.88 %	98.96 %
165°	4.29	717.34	0.60 %	99.55 %
170°	2.54	719.88	0.35 %	99.91 %
175°	0.68	720.55	0.09 %	100.00 %
180°	0.00	720.55	0.00 %	100.00 %

LEDS C4[®]

Luminaire

Code 55-9156-M1-M1V1
Name CISNE

Measurement

Code 55-9156-M1-M1V1
Name CISNE

Luminaire Flux	1080.83 lm	Luminaire Power	23.00 W	Efficacy	46.99 lm/W	Efficiency	72.06%
Sources Flux	1500.00 lm	Maximum value	67.84 cd/klm	Position	C=90.00 G=75.00	CG	Double Symmetrical

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	381	342	358	323	325	308	279	237	269	230	243	183	224	153	215	196	173	183	146	164	154	133	121
0.80	423	388	388	357	369	342	317	277	300	264	270	215	247	181	246	225	203	208	172	192	179	158	143
1.00	453	421	405	379	400	363	346	308	320	288	289	238	264	203	269	246	225	227	193	214	199	177	161
1.25	478	450	417	395	428	379	373	339	338	309	305	260	280	224	290	266	247	245	214	235	219	197	179
1.50	496	471	423	405	449	390	394	362	350	324	318	277	292	241	305	281	263	260	231	251	234	213	194
2.00	519	499	428	414	476	400	424	397	364	344	334	300	309	266	326	301	287	281	255	275	257	237	215
2.50	533	516	429	418	493	405	445	421	373	355	345	316	320	283	338	315	303	295	273	291	274	255	230
3.00	543	528	429	419	505	408	460	439	378	363	352	327	329	296	347	325	314	306	286	302	286	268	242
4.00	555	543	427	420	520	409	481	464	384	373	362	342	341	315	358	338	329	321	305	318	303	287	258
5.00	562	552	424	419	529	409	495	480	387	378	367	351	349	327	364	347	339	331	317	328	314	300	269
10.00	575	570	415	413	547	406	525	517	392	387	379	370	367	355	376	364	360	353	346	350	341	329	293
20.00	580	577	407	406	555	401	542	537	393	390	385	380	378	371	380	373	371	366	362	362	356	346	307

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	311	290	282	264	279	255	220	200	206	189	172	149	148	124	180	152	144	132	120	139	121	113	103
0.80	368	346	327	310	331	297	269	248	248	230	213	187	186	158	217	188	179	166	152	171	152	141	128
1.00	412	391	360	344	372	329	310	288	281	263	246	220	218	189	247	218	208	195	180	197	178	165	149
1.25	455	435	391	377	412	360	352	330	315	298	280	254	251	222	277	249	239	226	210	225	206	190	172
1.50	489	471	416	404	445	385	387	366	342	326	308	283	280	250	303	275	265	252	236	249	230	212	192
2.00	539	524	452	441	494	421	440	420	383	369	351	328	324	296	341	315	306	293	278	286	268	246	224
2.50	576	563	478	469	530	448	480	462	413	401	384	363	358	332	370	346	338	325	311	315	297	273	249
3.00	605	593	498	491	558	469	512	496	438	427	410	392	386	362	394	372	364	352	339	338	322	296	270
4.00	650	640	532	526	602	503	562	548	476	467	452	437	430	410	432	412	406	394	383	377	362	333	304
5.00	684	676	558	553	636	530	601	588	506	499	485	471	465	447	461	444	438	427	417	407	393	363	332
10.00	783	778	638	635	734	612	711	704	597	593	582	574	568	557	551	539	536	528	521	500	490	455	420
20.00	872	870	717	715	824	692	810	805	682	680	673	669	664	658	637	629	627	622	618	588	581	543	506

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	295	273	275	256	259	244	187	168	180	162	137	114	106	82	150	115	106	89	77	99	76	68	56
0.80	363	339	335	314	319	297	243	220	232	210	185	156	150	119	192	154	143	125	109	132	107	93	78
1.00	418	394	381	361	368	339	290	265	274	252	226	194	189	153	227	188	177	158	140	160	134	116	99
1.25	472	448	425	406	416	381	340	313	318	296	269	236	231	192	264	225	212	194	174	191	165	141	122
1.50	514	491	459	441	455	413	380	354	353	331	305	271	266	226	294	256	243	224	203	217	190	163	142
2.00	576	555	507	492	512	460	443	417	406	386	361	329	323	283	340	304	292	274	253	258	233	198	174
2.50	618	600	540	527	552	492	488	465	443	425	401	371	365	327	373	340	328	311	291	288	265	225	199
3.00	650	633	563	552	582	515	523	501	471	454	432	404	397	362	398	367	356	340	320	312	290	246	218
4.00	692	679	594	585	622	546	571	552	508	495	474	451	443	412	432	405	396	381	364	345	325	275	246
5.00	720	708	613	606	648	566	603	587	533	522	503	482	475	448	455	431	423	409	394	368	350	296	265
10.00	782	775	657	653	709	611	680	670	591	584	571	559	552	535	510	494	489	479	470	423	411	348	314
20.00	818	815	682	680	744	637	728	722	625	622	614	607	602	593	543	534	531	525	519	459	452	383	347

LM53 SHR C0-C180: 1.723 SHR C90-C270: 1.739 SHR Square: 1.945

LEDS C4²

Luminaire

Code 55-9156-M1-M1V1
Name CISNE

Measurem.

Code 55-9156-M1-M1V1
Name CISNE

Luminaire Flux	1080.83 lm	Luminaire Power	23.00 W	Efficacy	46.99 lm/W	Efficiency	72.06%
Sources Flux	1500.00 lm	Maximum value	67.84 cd/klm	Position	C=90.00 G=75.00	CG	Double Symmetrical

Right beam angle not found, gamma = 80

Right beam angle not found, gamma = 80

Right beam angle not found, gamma = 80

LEDS C4²

Luminaire

Code 55-9156-M1-M1V1
Name CISNE

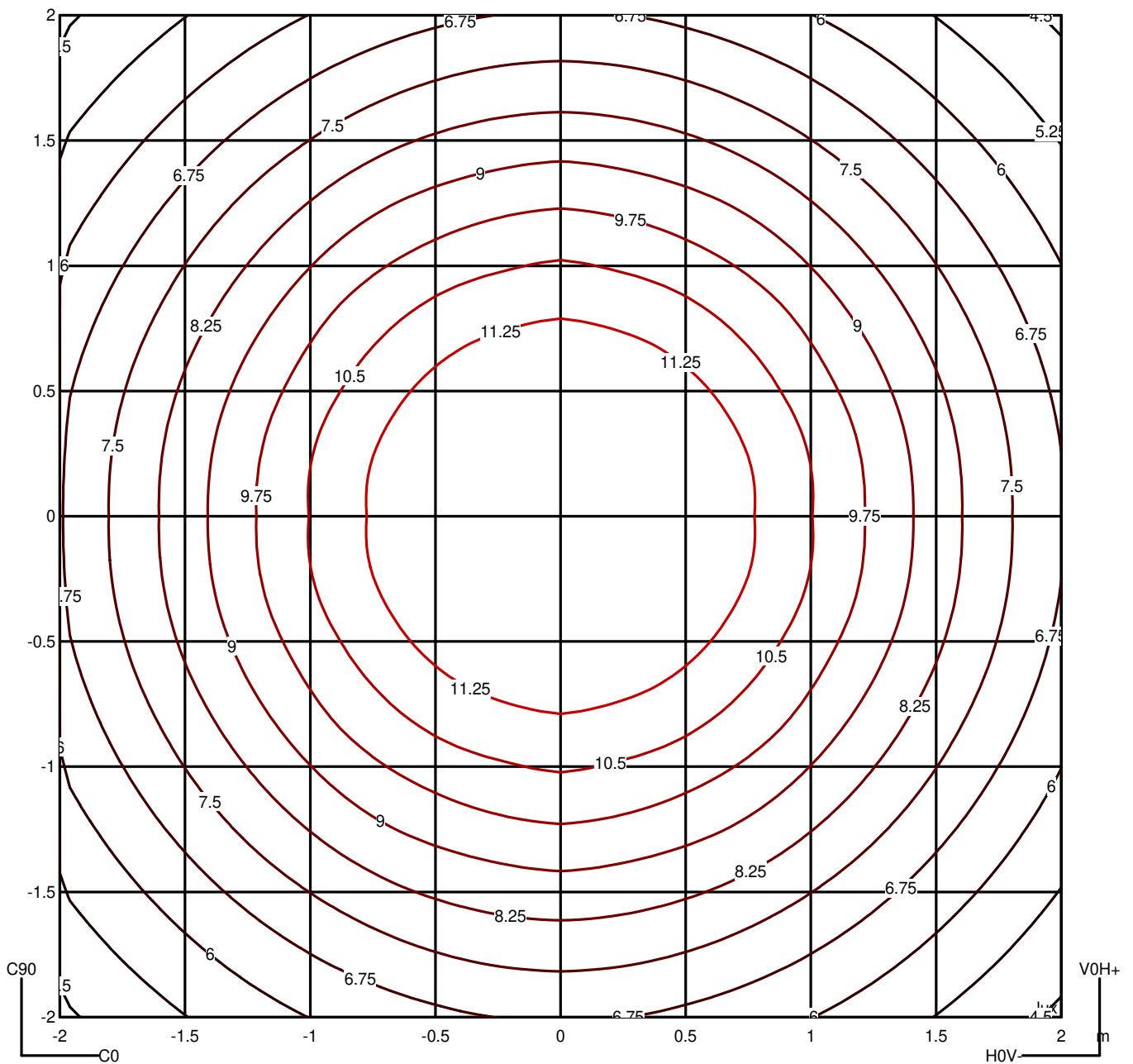
Measur.

Code 55-9156-M1-M1V1
Name CISNE

Luminaire Flux	1080.83 lm	Luminaire Power	23.00 W	Efficacy	46.99 lm/W	Efficiency	72.06%
Sources Flux	1500.00 lm	Maximum value	67.84 cd/klm	Position	C=90.00 G=75.00	CG	Double Symmetrical

Isolux (Floor)

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



LEDS C4²

Luminaire

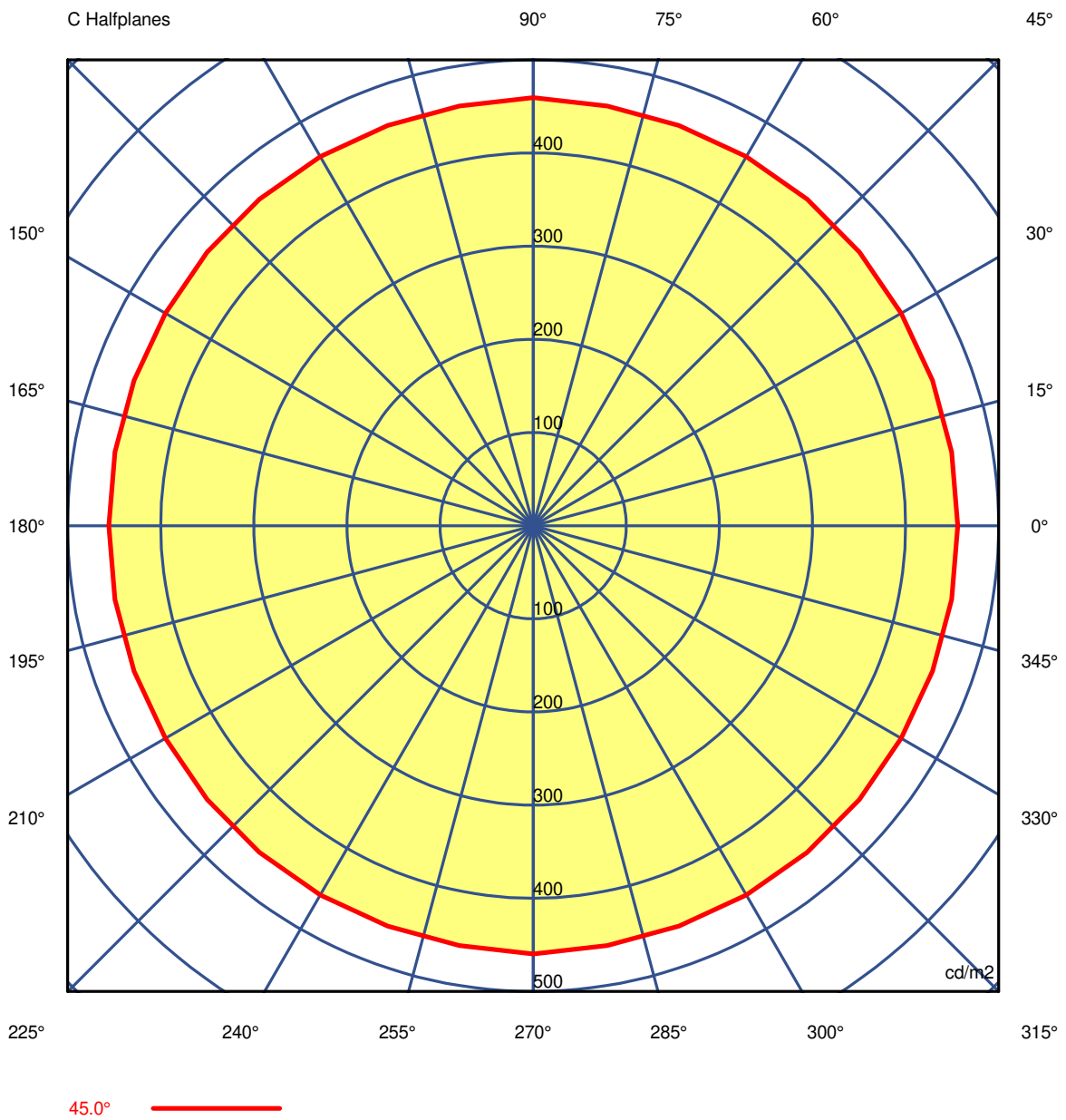
Code 55-9156-M1-M1V1
 Name CISNE

Measurem.

Code 55-9156-M1-M1V1
 Name CISNE

Luminaire Flux	1080.83 lm	Luminaire Power	23.00 W	Efficacy	46.99 lm/W	Efficiency	72.06%
Sources Flux	1500.00 lm	Maximum value	67.84 cd/klm	Position	C=90.00 G=75.00	CG	Double Symmetrical

Luminance



LEDS C4[®]

Luminaire

Code 55-9156-M1-M1V1
Name CISNE

Measurement

Code 55-9156-M1-M1V1
Name CISNE

Luminaire Flux	1080.83 lm	Luminaire Power	23.00 W	Efficacy	46.99 lm/W	Efficiency	72.06%
Sources Flux	1500.00 lm	Maximum value	67.84 cd/klm	Position	C=90.00 G=75.00	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	621.32	621.32	621.32	621.32	621.32	621.32	621.32	621.32	621.32	621.32	621.32	621.32	621.32
G 5.0	563.57	563.13	562.73	562.60	562.90	562.79	562.55	563.32	564.24	564.79	564.24	563.32	562.55
G 10.0	521.80	521.72	521.52	521.11	520.95	521.93	522.93	521.85	521.19	522.02	521.19	521.85	522.93
G 15.0	492.35	492.89	492.75	492.45	493.06	492.97	492.22	492.60	493.33	493.81	493.33	492.60	492.22
G 20.0	471.56	473.43	473.77	472.69	471.85	472.27	472.78	471.52	471.48	473.70	471.48	471.52	472.78
G 25.0	459.51	460.94	460.63	459.62	460.48	460.61	459.43	459.25	460.35	462.22	460.35	459.25	459.43
G 30.0	451.88	452.81	452.77	452.02	451.81	452.48	452.89	451.65	451.48	453.29	451.48	451.65	452.89
G 35.0	449.73	451.13	451.04	450.08	450.22	450.28	450.22	450.80	451.58	452.25	451.58	450.80	450.22
G 40.0	451.58	451.76	451.62	451.24	451.02	451.11	451.23	450.99	451.60	454.17	451.60	450.99	451.23
G 45.0	456.00	456.19	456.27	456.35	457.12	457.74	457.62	457.30	457.66	459.61	457.66	457.30	457.62
G 50.0	462.03	462.63	462.81	462.87	463.68	463.83	463.16	463.10	464.39	466.75	464.39	463.10	463.16
G 55.0	473.09	474.66	474.88	474.05	473.87	474.85	475.75	474.98	475.36	477.83	475.36	474.98	475.75
G 60.0	485.60	486.31	486.35	486.09	486.37	486.23	485.63	485.90	488.23	492.29	488.23	485.90	485.63
G 65.0	502.78	502.66	502.13	501.60	501.87	501.95	501.89	502.76	503.94	504.99	503.94	502.76	501.89
G 70.0	519.58	520.62	520.06	518.61	518.52	518.37	518.64	520.66	522.66	523.77	522.66	520.66	518.64
G 75.0	538.64	539.35	539.48	539.11	538.79	538.49	538.98	541.24	543.20	543.99	543.20	541.24	538.98
G 80.0	563.73	563.54	562.56	561.23	560.82	561.03	562.12	564.62	566.47	566.98	566.47	564.62	562.12
G 85.0	591.24	590.54	588.96	587.25	586.99	586.86	587.63	591.13	592.43	590.04	592.43	591.13	587.63
G 90.0	623.37	621.39	620.04	619.29	618.68	618.50	619.60	622.37	623.91	624.51	623.91	622.37	619.60

LEDS C4⁺

Luminaire

Code 55-9156-M1-M1V1
Name CISNE

Measurerm.

Code 55-9156-M1-M1V1
Name CISNE

Luminaire Flux	1080.83 lm	Luminaire Power	23.00 W	Efficacy	46.99 lm/W	Efficiency	72.06%
Sources Flux	1500.00 lm	Maximum value	67.84 cd/klm	Position	C=90.00 G=75.00	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	621.32	621.32	621.32	621.32	621.32	621.32	621.32	621.32	621.32	621.32	621.32	621.32	621.32
G 5.0	562.79	562.90	562.60	562.73	563.13	563.57	563.13	562.73	562.90	562.90	562.79	562.55	563.32
G 10.0	521.93	520.95	521.11	521.52	521.72	521.80	521.72	521.52	521.11	520.95	521.93	522.93	521.85
G 15.0	492.97	493.06	492.45	492.75	492.89	492.35	492.89	492.75	492.45	493.06	492.97	492.22	492.60
G 20.0	472.27	471.85	472.69	473.77	473.43	471.56	473.43	473.77	472.69	471.85	472.27	472.78	471.52
G 25.0	460.61	460.48	459.62	460.63	460.94	459.51	460.94	460.63	459.62	460.48	460.61	459.43	459.25
G 30.0	452.48	451.81	452.02	452.77	452.81	451.88	452.81	452.77	452.02	451.81	452.48	452.89	451.65
G 35.0	450.28	450.22	450.08	451.04	451.13	449.73	451.13	451.04	450.08	450.22	450.28	450.22	450.80
G 40.0	451.11	451.02	451.24	451.62	451.76	451.58	451.76	451.62	451.24	451.02	451.11	451.23	450.99
G 45.0	457.74	457.12	456.35	456.27	456.19	456.00	456.19	456.27	456.35	457.12	457.74	457.62	457.30
G 50.0	463.83	463.68	462.87	462.81	462.63	462.03	462.63	462.81	462.87	463.68	463.83	463.16	463.10
G 55.0	474.85	473.87	474.05	474.88	474.66	473.09	474.66	474.88	474.05	473.87	474.85	475.75	474.98
G 60.0	486.23	486.37	486.09	486.35	486.31	485.60	486.31	486.35	486.09	486.37	486.23	485.63	485.90
G 65.0	501.95	501.87	501.60	502.13	502.66	502.78	502.66	502.13	501.60	501.87	501.95	501.89	502.76
G 70.0	518.37	518.52	518.61	520.06	520.62	519.58	520.62	520.06	518.61	518.52	518.37	518.64	520.66
G 75.0	538.49	538.79	539.11	539.48	539.35	538.64	539.35	539.48	539.11	538.79	538.49	538.98	541.24
G 80.0	561.03	560.82	561.23	562.56	563.54	563.73	563.54	562.56	561.23	560.82	561.03	562.12	564.62
G 85.0	586.86	586.99	587.25	588.96	590.54	591.24	590.54	588.96	587.25	586.99	586.86	587.63	591.13
G 90.0	618.50	618.68	619.29	620.04	621.39	623.37	621.39	620.04	619.29	618.68	618.50	619.60	622.37

LEDS C4[®]

Luminaire

Code 55-9156-M1-M1V1

Name CISNE

Measurem.

Code 55-9156-M1-M1V1

Name CISNE

Luminaire Flux	1080.83 lm	Luminaire Power	23.00 W	Efficacy	46.99 lm/W	Efficiency	72.06%
Sources Flux	1500.00 lm	Maximum value	67.84 cd/klm	Position	C=90.00 G=75.00	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	621.32	621.32	621.32	621.32	621.32	621.32	621.32	621.32	621.32	621.32
G 5.0	564.24	564.79	564.24	563.32	562.55	562.79	562.90	562.60	562.73	563.13
G 10.0	521.19	522.02	521.19	521.85	522.93	521.93	520.95	521.11	521.52	521.72
G 15.0	493.33	493.81	493.33	492.60	492.22	492.97	493.06	492.45	492.75	492.89
G 20.0	471.48	473.70	471.48	471.52	472.78	472.27	471.85	472.69	473.77	473.43
G 25.0	460.35	462.22	460.35	459.25	459.43	460.61	460.48	459.62	460.63	460.94
G 30.0	451.48	453.29	451.48	451.65	452.89	452.48	451.81	452.02	452.77	452.81
G 35.0	451.58	452.25	451.58	450.80	450.22	450.28	450.22	450.08	451.04	451.13
G 40.0	451.60	454.17	451.60	450.99	451.23	451.11	451.02	451.24	451.62	451.76
G 45.0	457.66	459.61	457.66	457.30	457.62	457.74	457.12	456.35	456.27	456.19
G 50.0	464.39	466.75	464.39	463.10	463.16	463.83	463.68	462.87	462.81	462.63
G 55.0	475.36	477.83	475.36	474.98	475.75	474.85	473.87	474.05	474.88	474.66
G 60.0	488.23	492.29	488.23	485.90	485.63	486.23	486.37	486.09	486.35	486.31
G 65.0	503.94	504.99	503.94	502.76	501.89	501.95	501.87	501.60	502.13	502.66
G 70.0	522.66	523.77	522.66	520.66	518.64	518.37	518.52	518.61	520.06	520.62
G 75.0	543.20	543.99	543.20	541.24	538.98	538.49	538.79	539.11	539.48	539.35
G 80.0	566.47	566.98	566.47	564.62	562.12	561.03	560.82	561.23	562.56	563.54
G 85.0	592.43	590.04	592.43	591.13	587.63	586.86	586.99	587.25	588.96	590.54
G 90.0	623.91	624.51	623.91	622.37	619.60	618.50	618.68	619.29	620.04	621.39