

LEDS C4[®]

Luminaire

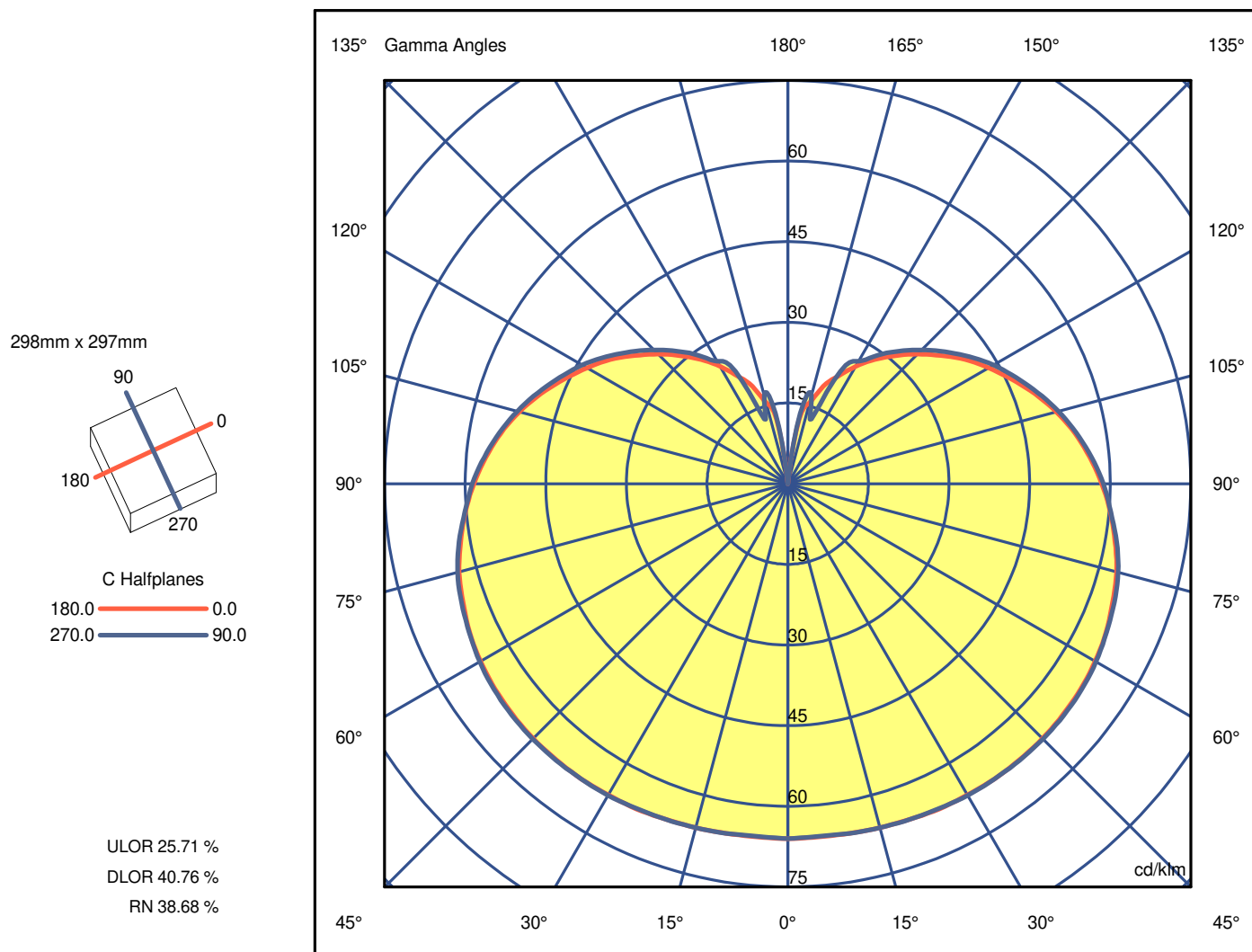
Code 55-9155-M1-M1V1
Name CISNE

Measurum.

Code 55-9155-M1-M1V1
Name CISNE

Luminaire Flux	997.14 lm	Luminaire Power	23.00 W	Efficacy	43.35 lm/W	Efficiency	66.48%
Sources Flux	1500.00 lm	Maximum value	67.50 cd/klm	Position	C=60.00 G=40.00	CG	Double Symmetrical
Rectangular Luminaire Rectangular Luminous Area	Length Length	298 mm 50 mm	Width Width	297 mm 50 mm	Height Height	295 mm 300 mm	
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.002500 m2 0.015000 m2 0.015000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°	0.015000 m2 0.015000 m2 0.015159 m2			
Coordinate system Date Measurement Distance	CG 29-04-1994 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux	Double Symmetrical 180 1500.00 lm			
Operator Temperature Humidity Notes	25.00 °C 60.00 %		Rated Voltage Rated Current Photocell				

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		55-9155-M1-M1V1		Name TC-DSE 23W		1500.00	23.00	1
C.I.E.	26 52 77 61 66			D DIN 5040	B11			
F UTE	0.41 J + 0.26 T			B NBN	BZ 8			



LEDS C4[®]

Luminaire

Code 55-9155-M1-M1V1
Name CISNE

Measurem.

Code 55-9155-M1-M1V1
Name CISNE

Luminaire Flux	997.14 lm	Luminaire Power	23.00 W	Efficacy	43.35 lm/W	Efficiency	66.48%
Sources Flux	1500.00 lm	Maximum value	67.50 cd/klm	Position	C=60.00 G=40.00	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	66.00	66.00	66.00	66.00	66.00	66.00	66.00
G 5.0	65.90	66.10	65.90	65.90	66.00	65.90	65.80
G 10.0	66.00	66.30	66.10	66.10	66.20	66.10	66.00
G 15.0	66.20	66.60	66.20	66.20	66.50	66.10	66.20
G 20.0	66.40	66.70	66.80	66.50	66.80	66.50	66.40
G 25.0	66.70	66.80	66.90	66.90	67.00	66.70	66.60
G 30.0	66.80	67.00	67.10	67.10	67.20	66.90	66.90
G 35.0	67.00	67.10	67.10	67.30	67.30	67.00	67.00
G 40.0	67.00	67.20	67.10	67.30	67.50	67.10	67.10
G 45.0	67.00	67.20	67.00	67.20	67.40	67.10	67.10
G 50.0	66.80	67.10	66.80	66.90	67.10	66.70	67.00
G 55.0	66.50	66.70	66.50	66.70	66.90	66.60	66.70
G 60.0	66.00	66.10	66.00	66.20	66.30	66.30	66.20
G 65.0	65.30	65.40	65.30	65.50	65.50	65.50	65.40
G 70.0	64.30	64.40	64.50	64.60	64.70	64.70	64.60
G 75.0	63.30	63.30	63.30	63.60	63.50	63.30	63.60
G 80.0	61.80	61.90	61.90	62.10	62.20	61.90	62.10
G 85.0	60.20	60.10	60.20	60.50	60.60	60.40	60.30
G 90.0	58.40	58.40	58.30	58.60	58.80	58.60	58.70
G 95.0	56.40	56.40	56.10	56.60	56.70	56.60	56.70
G100.0	54.20	54.00	53.80	54.30	54.50	54.40	54.50
G105.0	51.70	51.40	51.10	51.80	52.00	52.00	52.10
G110.0	48.90	48.70	48.40	49.10	49.40	49.30	49.50
G115.0	46.00	45.90	45.40	46.00	46.60	46.50	46.80
G120.0	43.10	42.80	42.20	43.00	43.60	43.80	44.20
G125.0	40.30	39.70	39.20	39.70	40.60	40.80	41.20
G130.0	37.10	36.60	36.10	36.20	37.50	37.90	38.20
G135.0	34.10	33.50	32.90	32.90	34.30	34.80	35.20
G140.0	31.10	30.20	29.90	30.20	31.20	31.90	32.20
G145.0	28.20	27.30	27.20	27.30	28.50	28.70	29.20
G150.0	25.20	24.60	24.50	25.00	25.80	26.10	26.30
G155.0	22.10	21.50	21.40	21.80	22.50	22.90	23.10
G160.0	19.30	18.50	18.10	18.90	19.00	19.80	12.80
G165.0	15.60	15.10	15.00	15.00	15.50	16.30	17.00
G170.0	12.10	11.90	11.60	11.50	11.90	12.80	13.30
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 C4[®]

Luminaire

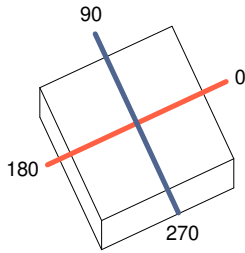
Code 55-9155-M1-M1V1
Name CISNE

Measur.

Code 55-9155-M1-M1V1
Name CISNE

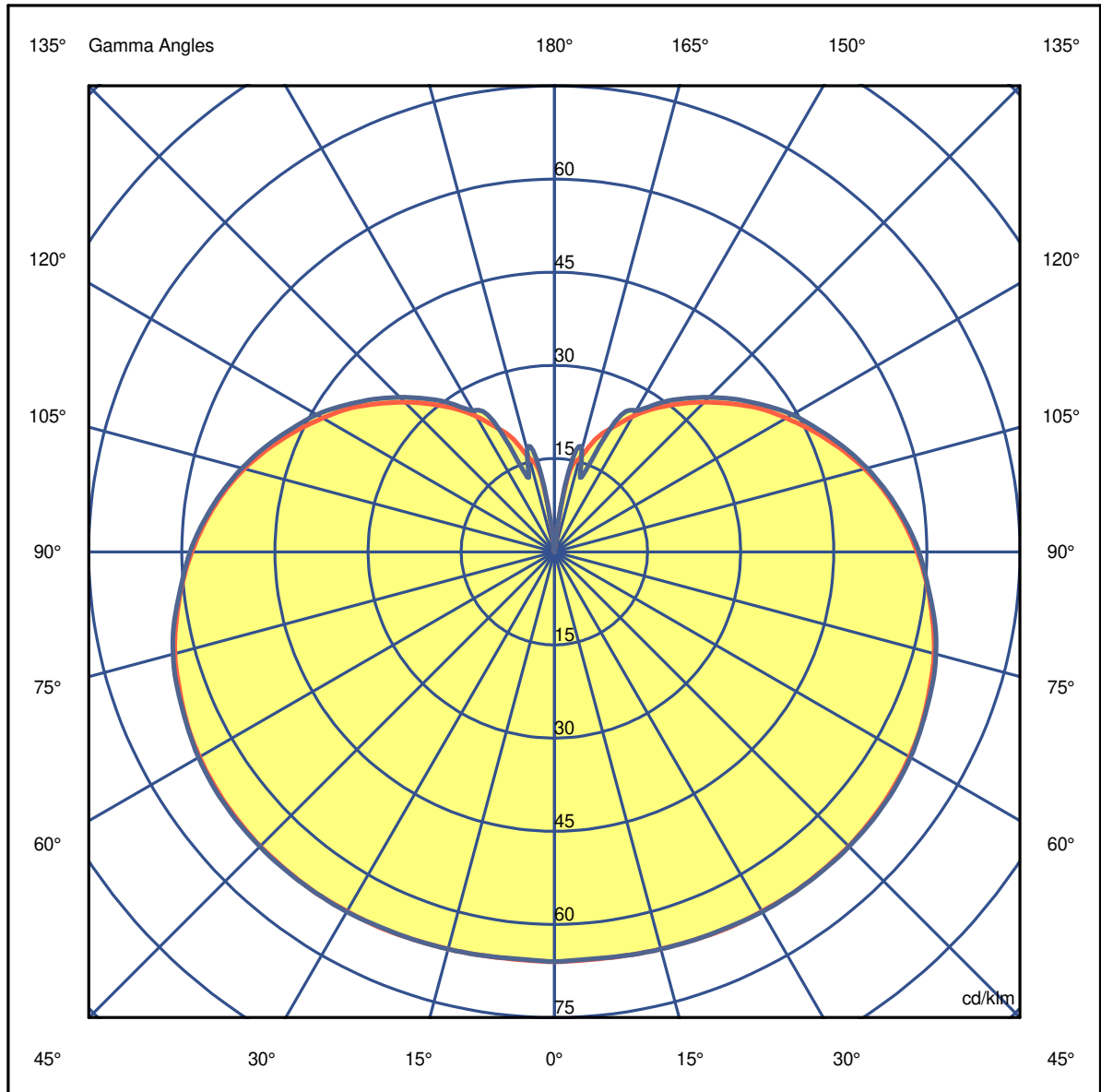
Luminaire Flux	997.14 lm	Luminaire Power	23.00 W	Efficacy	43.35 lm/W	Efficiency	66.48%
Sources Flux	1500.00 lm	Maximum value	67.50 cd/klm	Position	C=60.00 G=40.00	CG	Double Symmetrical

298mm x 297mm



C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



LEDS C4[®]

Luminaire

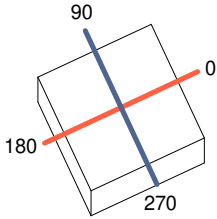
Code 55-9155-M1-M1V1
Name CISNE

Measurement

Code 55-9155-M1-M1V1
Name CISNE

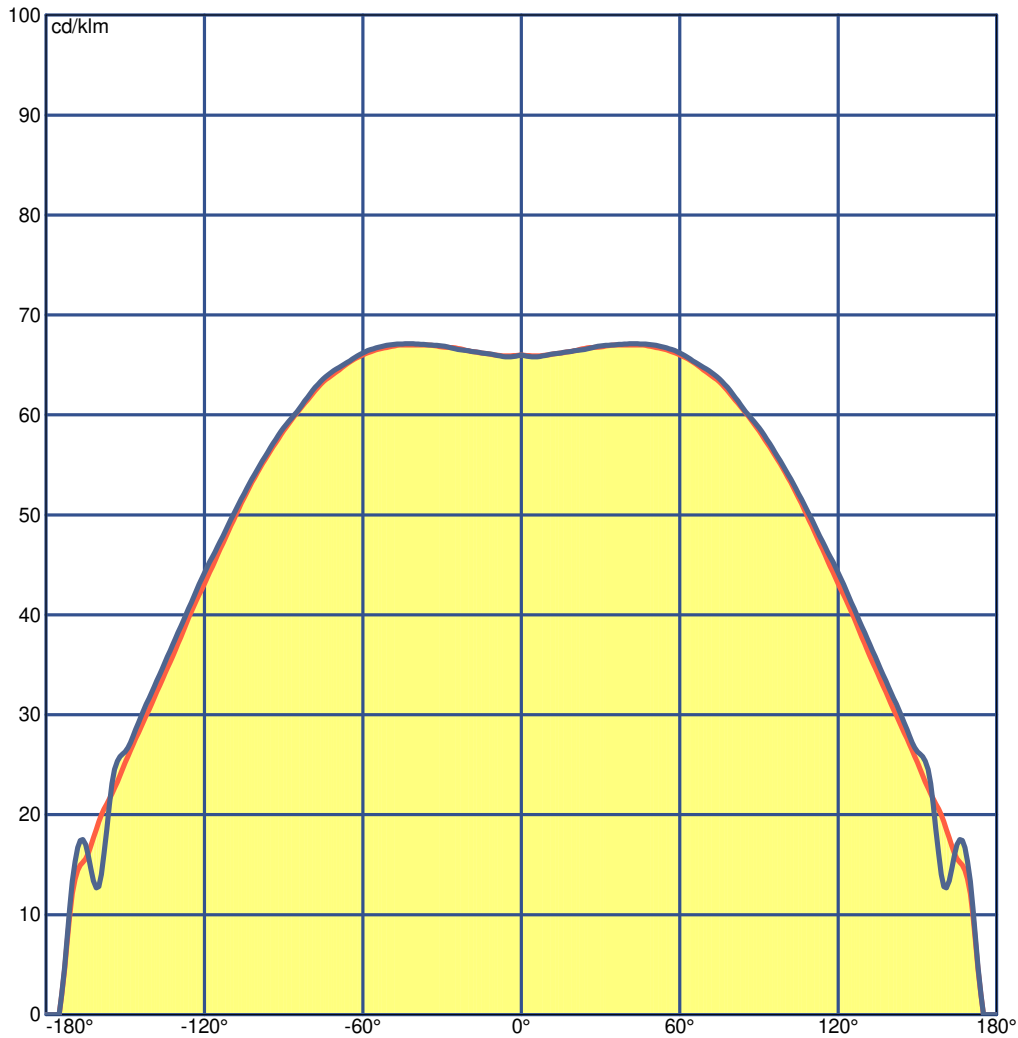
Luminaire Flux	997.14 lm	Luminaire Power	23.00 W	Efficacy	43.35 lm/W	Efficiency	66.48%
Sources Flux	1500.00 lm	Maximum value	67.50 cd/klm	Position	C=60.00 G=40.00	CG	Double Symmetrical

298mm x 297mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



LEDS C4²

Luminaire

Code 55-9155-M1-M1V1
Name CISNE

Measurement

Code 55-9155-M1-M1V1
Name CISNE

Luminaire Flux	997.14 lm	Luminaire Power	23.00 W	Efficacy	43.35 lm/W	Efficiency	66.48%
Sources Flux	1500.00 lm	Maximum value	67.50 cd/klm	Position	C=60.00 G=40.00	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	16.0	17.1	16.8	17.9	18.9	16.0	17.1	16.8	17.9	18.9
x=2H y=3H	18.4	19.3	19.2	20.2	21.2	18.4	19.4	19.2	20.2	21.2
x=2H y=4H	19.6	20.5	20.4	21.3	22.4	19.6	20.5	20.4	21.4	22.4
x=2H y=6H	20.8	21.6	21.6	22.5	23.6	20.8	21.7	21.6	22.5	23.6
x=2H y=8H	21.4	22.2	22.2	23.1	24.1	21.4	22.2	22.2	23.1	24.2
x=2H y=12H	22.0	22.8	22.8	23.6	24.7	22.0	22.8	22.8	23.7	24.7
x=4H y=2H	16.7	17.6	17.6	18.5	19.6	16.7	17.7	17.6	18.5	19.6
x=4H y=3H	19.2	20.0	20.1	20.9	22.0	19.3	20.0	20.1	20.9	22.0
x=4H y=4H	20.6	21.3	21.4	22.2	23.3	20.6	21.3	21.5	22.2	23.3
x=4H y=6H	21.9	22.6	22.8	23.5	24.6	21.9	22.6	22.8	23.5	24.6
x=4H y=8H	22.6	23.2	23.5	24.1	25.3	22.6	23.2	23.5	24.1	25.3
x=4H y=12H	23.3	23.8	24.2	24.8	25.9	23.3	23.9	24.2	24.8	25.9
x=8H y=4H	21.0	21.6	21.9	22.5	23.7	21.0	21.6	21.9	22.5	23.7
x=8H y=6H	22.6	23.1	23.5	24.0	25.2	22.6	23.1	23.5	24.0	25.2
x=8H y=8H	23.4	23.8	24.3	24.8	26.0	23.4	23.9	24.4	24.8	26.0
x=8H y=12H	24.2	24.6	25.2	25.6	26.8	24.3	24.7	25.2	25.6	26.8
x=12H y=4H	21.1	21.7	22.0	22.6	23.8	21.1	21.7	22.0	22.6	23.8
x=12H y=6H	22.7	23.2	23.7	24.1	25.3	22.8	23.2	23.7	24.1	25.3
x=12H y=8H	23.6	24.0	24.6	25.0	26.2	23.7	24.0	24.6	25.0	26.2

LEDS C4⁺

Luminaire

Code 55-9155-M1-M1V1
Name CISNE

Measurement

Code 55-9155-M1-M1V1
Name CISNE

Luminaire Flux	997.14 lm	Luminaire Power	23.00 W	Efficacy	43.35 lm/W	Efficiency	66.48%
Sources Flux	1500.00 lm	Maximum value	67.50 cd/klm	Position	C=60.00 G=40.00	CG	Double Symmetrical

Total Flux=1500.00 Luminaire Flux=997.14

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	0.28	0.34	0.39	0.47	0.53	0.58	0.65	0.69	0.81	0.88
RC	9	9	9	9	9	9	9	9	9	9	9	9

Zonal Flux per 1000 Lumen

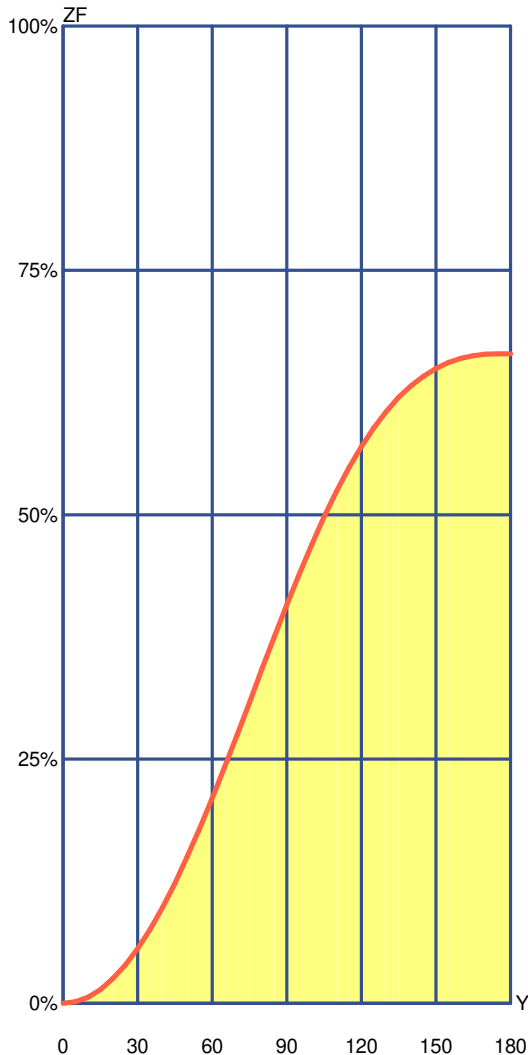
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	6	25	56	98	150	210	275	342	408	469	524	570	606	632	650	660	664	665

CIE Flux Codes

26 52 77 61 66

C.I.E. 9
D DIN 5040 B11
F UTE 0.41 J + 0.26 T
B NBN BZ 8
RN 38.67967 %
BLF 1.0

LOR 66.47607 %
ULOR 25.71272 %
DLOR 40.76335 %
UFF 38.67967 %
DFF 61.32033 %
FFR 63.07805 %



Gamma °	Zonal Flux			
	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00%
5°	1.58	1.58	0.24%	0.24%
10°	4.72	6.30	0.71%	0.95%
15°	7.86	14.16	1.18%	2.13%
20°	10.95	25.11	1.65%	3.78%
25°	14.00	39.11	2.11%	5.88%
30°	16.94	56.05	2.55%	8.43%
35°	19.76	75.80	2.97%	11.40%
40°	22.41	98.22	3.37%	14.77%
45°	24.88	123.10	3.74%	18.52%
50°	27.09	150.19	4.08%	22.59%
55°	29.05	179.23	4.37%	26.96%
60°	30.70	209.94	4.62%	31.58%
65°	31.99	241.93	4.81%	36.39%
70°	32.91	274.84	4.95%	41.34%
75°	33.45	308.29	5.03%	46.38%
80°	33.55	341.84	5.05%	51.42%
85°	33.24	375.08	5.00%	56.42%
90°	32.55	407.63	4.90%	61.32%
95°	31.50	439.13	4.74%	66.06%
100°	30.08	469.21	4.53%	70.58%
105°	28.34	497.56	4.26%	74.85%
110°	26.33	523.88	3.96%	78.81%
115°	24.09	547.98	3.62%	82.43%
120°	21.71	569.69	3.27%	85.70%
125°	19.25	588.94	2.90%	88.59%
130°	16.77	605.71	2.52%	91.12%
135°	14.31	620.02	2.15%	93.27%
140°	11.98	632.00	1.80%	95.07%
145°	9.81	641.81	1.48%	96.55%
150°	7.84	649.65	1.18%	97.73%
155°	6.00	655.65	0.90%	98.63%
160°	4.25	659.90	0.64%	99.27%
165°	2.80	662.69	0.42%	99.69%
170°	1.64	664.33	0.25%	99.94%
175°	0.43	664.76	0.06%	100.00%
180°	0.00	664.76	0.00%	100.00%

LEDS C4⁺

Luminaire

Code 55-9155-M1-M1V1

Name CISNE

Measurement

Code 55-9155-M1-M1V1

Name CISNE

Luminaire Flux	997.14 lm	Luminaire Power	23.00 W	Efficacy	43.35 lm/W	Efficiency	66.48%
Sources Flux	1500.00 lm	Maximum value	67.50 cd/klm	Position	C=60.00 G=40.00	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	324	291	302	272	277	260	233	198	223	190	198	150	180	123	178	160	141	147	117	134	124	107	96
0.80	361	331	327	301	315	288	266	232	249	219	220	175	199	146	204	183	166	167	139	157	144	127	114
1.00	387	360	341	319	342	306	291	259	266	239	236	195	213	163	224	201	184	183	156	175	161	143	129
1.25	409	385	351	332	367	319	314	286	280	256	250	213	226	181	241	217	202	198	173	192	177	159	143
1.50	425	403	356	340	384	327	333	306	290	269	260	227	236	195	253	230	216	210	187	206	190	173	154
2.00	445	427	359	347	408	335	359	336	302	285	274	246	250	215	270	247	235	228	207	225	209	193	171
2.50	457	442	359	349	422	339	378	358	309	294	283	259	260	230	280	259	248	240	222	238	222	207	184
3.00	465	453	358	350	433	340	391	373	313	301	289	268	268	241	287	267	258	249	233	248	233	218	193
4.00	476	466	355	349	446	341	410	395	318	308	297	280	278	256	296	278	270	262	248	261	247	234	206
5.00	482	474	352	348	454	340	422	410	320	312	302	288	285	267	301	285	279	270	259	270	257	245	214
10.00	493	489	344	341	469	336	449	442	323	319	312	304	301	290	310	299	296	289	283	288	279	269	234
20.00	498	496	336	335	476	330	464	461	323	321	316	313	310	304	313	307	305	301	297	298	292	284	245

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	293	275	265	250	265	242	209	193	195	181	164	145	141	121	174	147	140	128	118	136	119	113	102
0.80	344	326	305	291	313	280	255	237	234	219	201	180	176	153	208	181	173	160	148	166	148	139	127
1.00	384	367	335	321	350	309	292	274	264	249	231	209	205	181	235	208	200	186	174	191	172	162	147
1.25	423	407	363	351	387	337	330	312	294	280	261	240	235	211	263	236	228	214	202	217	198	185	169
1.50	454	439	385	374	416	359	362	344	319	305	287	266	260	237	286	260	252	238	225	239	220	206	187
2.00	499	486	416	407	460	390	409	393	354	343	325	306	300	277	320	296	288	275	263	272	254	237	216
2.50	532	520	438	431	491	413	445	430	381	371	354	337	330	309	346	323	317	304	292	297	281	261	238
3.00	557	547	456	450	517	432	474	460	403	394	377	362	355	336	366	346	339	327	316	318	303	282	257
4.00	597	588	485	480	556	462	519	507	437	429	415	402	394	378	400	382	376	365	356	353	339	315	288
5.00	627	620	508	504	586	485	553	543	463	457	444	433	425	411	426	410	405	395	386	380	367	342	314
10.00	715	711	579	577	673	558	652	646	544	540	530	524	518	508	506	495	492	484	479	462	453	425	392
20.00	793	791	648	647	752	627	739	735	619	617	611	607	602	597	581	574	573	567	564	540	534	503	469

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	285	266	266	249	254	239	186	169	179	164	138	119	109	90	154	120	113	95	85	107	85	78	66
0.80	348	328	321	304	311	289	238	219	227	210	183	160	150	125	194	158	149	130	118	140	116	105	91
1.00	399	378	364	347	356	329	283	262	268	250	223	197	187	159	229	192	182	163	148	169	144	129	114
1.25	449	429	405	389	402	368	330	308	309	290	263	236	227	196	264	227	217	197	181	199	174	155	138
1.50	488	469	436	421	437	397	368	345	341	323	297	269	260	228	292	256	246	226	210	224	199	177	158
2.00	545	528	480	468	491	441	426	405	391	374	349	323	314	282	336	303	292	274	257	265	241	213	192
2.50	585	569	510	499	528	470	468	448	425	410	386	362	353	322	367	336	327	309	293	294	272	239	217
3.00	613	599	531	522	555	492	500	482	450	437	415	392	383	354	390	362	353	336	321	316	295	260	236
4.00	652	641	559	552	592	520	545	529	485	474	454	434	425	400	422	397	389	374	361	348	329	289	263
5.00	677	667	577	571	616	538	574	560	508	498	480	463	454	432	443	421	414	401	388	369	352	308	282
10.00	733	728	616	613	671	578	645	636	560	554	542	532	525	511	493	479	475	465	457	420	409	358	329
20.00	766	764	639	637	703	602	688	683	591	588	580	575	570	562	524	515	513	507	502	454	447	390	361

LM53 SHR C0-C180: 1.549 SHR C90-C270: 1.549 SHR Square: 1.758

LEDS C4²

Luminaire

Code 55-9155-M1-M1V1
Name CISNE

Measurem.

Code 55-9155-M1-M1V1
Name CISNE

Luminaire Flux	997.14 lm	Luminaire Power	23.00 W	Efficacy	43.35 lm/W	Efficiency	66.48%
Sources Flux	1500.00 lm	Maximum value	67.50 cd/klm	Position	C=60.00 G=40.00	CG	Double Symmetrical

Right beam angle not found, gamma = 35

Right beam angle not found, gamma = 35

Right beam angle not found, gamma = 35

LEDS C4[®]

Luminaire

Code 55-9155-M1-M1V1
Name CISNE

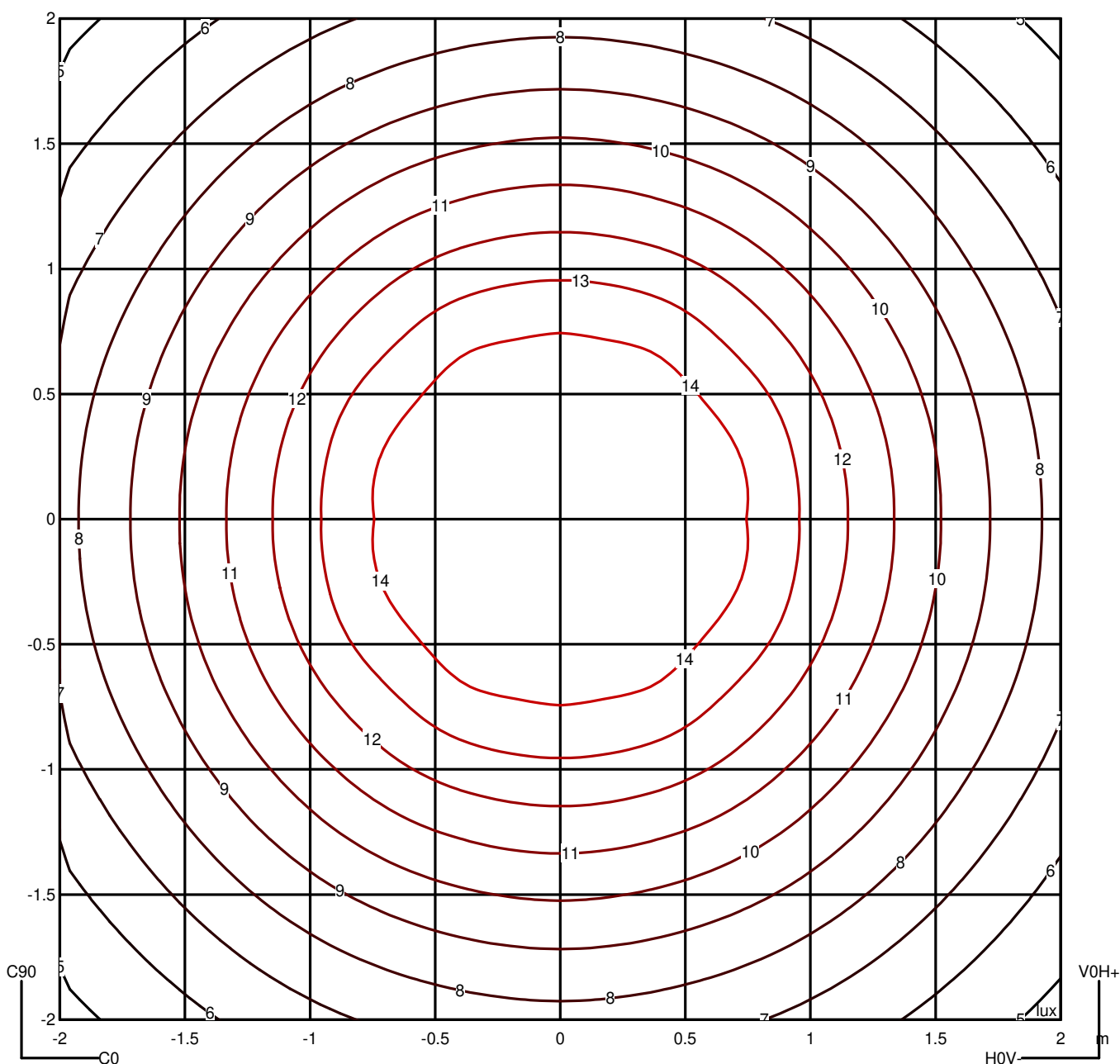
Measurerm.

Code 55-9155-M1-M1V1
Name CISNE

Luminaire Flux	997.14 lm	Luminaire Power	23.00 W	Efficacy	43.35 lm/W	Efficiency	66.48%
Sources Flux	1500.00 lm	Maximum value	67.50 cd/klm	Position	C=60.00 G=40.00	CG	Double Symmetrical

Isolux (Floor)

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



LEDS C4²

Luminaire

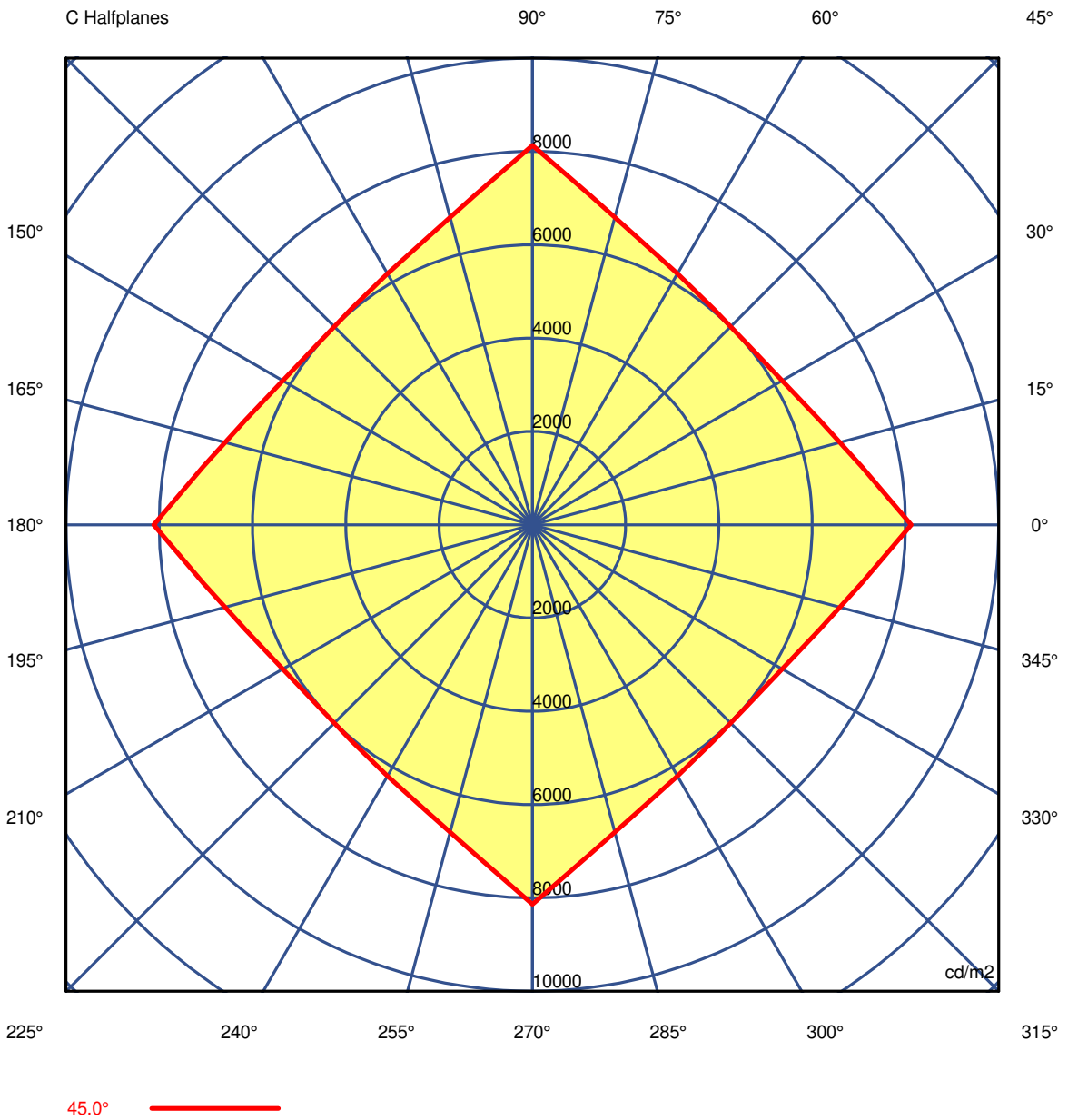
Code 55-9155-M1-M1V1
Name CISNE

Measurement

Code 55-9155-M1-M1V1
Name CISNE

Luminaire Flux	997.14 lm	Luminaire Power	23.00 W	Efficacy	43.35 lm/W	Efficiency	66.48%
Sources Flux	1500.00 lm	Maximum value	67.50 cd/klm	Position	C=60.00 G=40.00	CG	Double Symmetrical

Luminance



LEDS C4⁺

Luminaire

Code 55-9155-M1-M1V1
Name CISNE

Measurement

Code 55-9155-M1-M1V1
Name CISNE

Luminaire Flux	997.14 lm	Luminaire Power	23.00 W	Efficacy	43.35 lm/W	Efficiency	66.48%
Sources Flux	1500.00 lm	Maximum value	67.50 cd/klm	Position	C=60.00 G=40.00	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	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00
G 5.0	26028.07	24748.17	23783.02	23115.56	22806.62	22831.84	23150.63	23743.46	24667.25	25988.57	24667.25	23743.46	23150.63
G 10.0	19539.18	18136.91	17135.43	16469.73	16162.58	16180.88	16494.64	17104.98	18084.19	19539.18	18084.19	17104.98	16494.64
G 15.0	15769.16	14442.36	13499.33	12865.84	12579.87	12620.32	12924.14	13443.25	14336.26	15769.16	14336.26	13443.25	12924.14
G 20.0	13316.34	12047.76	11224.52	10708.15	10424.20	10427.91	10708.15	11198.63	12022.97	13316.34	12022.97	11198.63	10708.15
G 25.0	11626.90	10421.28	9649.21	9185.04	8962.43	8968.88	9198.77	9644.47	10401.43	11609.47	10401.43	9644.47	9198.77
G 30.0	10367.24	9251.27	8539.36	8110.23	7905.71	7911.62	8122.32	8533.16	9245.88	10382.76	9245.88	8533.16	8122.32
G 35.0	9435.27	8374.98	7697.73	7293.12	7117.21	7129.28	7314.86	7696.59	8364.67	9435.27	8364.67	7696.59	7314.86
G 40.0	8696.08	7700.17	7059.63	6671.72	6503.38	6524.50	6711.49	7065.96	7692.17	8709.06	7692.17	7065.96	6711.49
G 45.0	8121.63	7169.94	6555.97	6182.08	6022.39	6041.98	6218.99	6561.85	7161.13	8133.75	7161.13	6561.85	6218.99
G 50.0	7650.24	6743.48	6155.13	5790.73	5631.50	5648.75	5816.74	6135.38	6707.98	7673.14	6707.98	6135.38	5816.74
G 55.0	7269.76	6383.87	5817.79	5475.15	5328.85	5346.47	5508.08	5822.36	6374.17	7291.62	6374.17	5822.36	5508.08
G 60.0	6952.06	6082.82	5536.06	5211.85	5072.84	5083.08	5235.54	5556.78	6099.41	6973.13	6099.41	5556.78	5235.54
G 65.0	6685.48	5837.08	5305.04	4990.54	4856.55	4861.68	5005.82	5316.29	5844.46	6695.71	5844.46	5316.29	5005.82
G 70.0	6451.32	5618.61	5108.03	4811.11	4675.67	4680.92	4826.03	5130.22	5645.44	6481.41	5645.44	5130.22	4826.03
G 75.0	6273.15	5446.95	4940.77	4645.48	4523.73	4531.44	4660.15	4942.80	5451.35	6302.88	5451.35	4942.80	4660.15
G 80.0	6096.18	5289.94	4794.06	4504.39	4378.60	4389.85	4526.22	4800.40	5292.16	6125.78	5292.16	4800.40	4526.22
G 85.0	5956.15	5144.70	4654.33	4377.06	4259.60	4271.65	4406.14	4682.86	5164.46	5966.04	5164.46	4682.86	4406.14
G 90.0	5840.00	5041.19	4552.62	4267.86	4150.51	4167.39	4304.46	4576.95	5057.98	5870.00	5057.98	4576.95	4304.46

LEDS C4⁺

Luminaire

Code 55-9155-M1-M1V1
Name CISNE

Measurement

Code 55-9155-M1-M1V1
Name CISNE

Luminaire Flux	997.14 lm	Luminaire Power	23.00 W	Efficacy	43.35 lm/W	Efficiency	66.48%
Sources Flux	1500.00 lm	Maximum value	67.50 cd/klm	Position	C=60.00 G=40.00	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	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00
G 5.0	22831.84	22806.62	23115.56	23783.02	24748.17	26028.07	24748.17	23783.02	23115.56	22806.62	22831.84	23150.63	23743.46
G 10.0	16180.88	16162.58	16469.73	17135.43	18136.91	19539.18	18136.91	17135.43	16469.73	16162.58	16180.88	16494.64	17104.98
G 15.0	12620.32	12579.87	12865.84	13499.33	14442.36	15769.16	14442.36	13499.33	12865.84	12579.87	12620.32	12924.14	13443.25
G 20.0	10427.91	10424.20	10708.15	11224.52	12047.76	13316.34	12047.76	11224.52	10708.15	10424.20	10427.91	10708.15	11198.63
G 25.0	8968.88	8962.43	9185.04	9649.21	10421.28	11626.90	10421.28	9649.21	9185.04	8962.43	8968.88	9198.77	9644.47
G 30.0	7911.62	7905.71	8110.23	8539.36	9251.27	10367.24	9251.27	8539.36	8110.23	7905.71	7911.62	8122.32	8533.16
G 35.0	7129.28	7117.21	7293.12	7697.73	8374.98	9435.27	8374.98	7697.73	7293.12	7117.21	7129.28	7314.86	7696.59
G 40.0	6524.50	6503.38	6671.72	7059.63	7700.17	8696.08	7700.17	7059.63	6671.72	6503.38	6524.50	6711.49	7065.96
G 45.0	6041.98	6022.39	6182.08	6555.97	7169.94	8121.63	7169.94	6555.97	6182.08	6022.39	6041.98	6218.99	6561.85
G 50.0	5648.75	5631.50	5790.73	6155.13	6743.48	7650.24	6743.48	6155.13	5790.73	5631.50	5648.75	5816.74	6135.38
G 55.0	5346.47	5328.85	5475.15	5817.79	6383.87	7269.76	6383.87	5817.79	5475.15	5328.85	5346.47	5508.08	5822.36
G 60.0	5083.08	5072.84	5211.85	5536.06	6082.82	6952.06	6082.82	5536.06	5211.85	5072.84	5083.08	5235.54	5556.78
G 65.0	4861.68	4856.55	4990.54	5305.04	5837.08	6685.48	5837.08	5305.04	4990.54	4856.55	4861.68	5005.82	5316.29
G 70.0	4680.92	4675.67	4811.11	5108.03	5618.61	6451.32	5618.61	5108.03	4811.11	4675.67	4680.92	4826.03	5130.22
G 75.0	4531.44	4523.73	4645.48	4940.77	5446.95	6273.15	5446.95	4940.77	4645.48	4523.73	4531.44	4660.15	4942.80
G 80.0	4389.85	4378.60	4504.39	4794.06	5289.94	6096.18	5289.94	4794.06	4504.39	4378.60	4389.85	4526.22	4800.40
G 85.0	4271.65	4259.60	4377.06	4654.33	5144.70	5956.15	5144.70	4654.33	4377.06	4259.60	4271.65	4406.14	4682.86
G 90.0	4167.39	4150.51	4267.86	4552.62	5041.19	5840.00	5041.19	4552.62	4267.86	4150.51	4167.39	4304.46	4576.95

LEDS C4[®]

Luminaire

Code 55-9155-M1-M1V1
Name CISNE

Measurem.

Code 55-9155-M1-M1V1
Name CISNE

Luminaire Flux	997.14 lm	Luminaire Power	23.00 W	Efficacy	43.35 lm/W	Efficiency	66.48%
Sources Flux	1500.00 lm	Maximum value	67.50 cd/klm	Position	C=60.00 G=40.00	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	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00	39600.00
G 5.0	24667.25	25988.57	24667.25	23743.46	23150.63	22831.84	22806.62	23115.56	23783.02	24748.17
G 10.0	18084.19	19539.18	18084.19	17104.98	16494.64	16180.88	16162.58	16469.73	17135.43	18136.91
G 15.0	14336.26	15769.16	14336.26	13443.25	12924.14	12620.32	12579.87	12865.84	13499.33	14442.36
G 20.0	12022.97	13316.34	12022.97	11198.63	10708.15	10427.91	10424.20	10708.15	11224.52	12047.76
G 25.0	10401.43	11609.47	10401.43	9644.47	9198.77	8968.88	8962.43	9185.04	9649.21	10421.28
G 30.0	9245.88	10382.76	9245.88	8533.16	8122.32	7911.62	7905.71	8110.23	8539.36	9251.27
G 35.0	8364.67	9435.27	8364.67	7696.59	7314.86	7129.28	7117.21	7293.12	7697.73	8374.98
G 40.0	7692.17	8709.06	7692.17	7065.96	6711.49	6524.50	6503.38	6671.72	7059.63	7700.17
G 45.0	7161.13	8133.75	7161.13	6561.85	6218.99	6041.98	6022.39	6182.08	6555.97	7169.94
G 50.0	6707.98	7673.14	6707.98	6135.38	5816.74	5648.75	5631.50	5790.73	6155.13	6743.48
G 55.0	6374.17	7291.62	6374.17	5822.36	5508.08	5346.47	5328.85	5475.15	5817.79	6383.87
G 60.0	6099.41	6973.13	6099.41	5556.78	5235.54	5083.08	5072.84	5211.85	5536.06	6082.82
G 65.0	5844.46	6695.71	5844.46	5316.29	5005.82	4861.68	4856.55	4990.54	5305.04	5837.08
G 70.0	5645.44	6481.41	5645.44	5130.22	4826.03	4680.92	4675.67	4811.11	5108.03	5618.61
G 75.0	5451.35	6302.88	5451.35	4942.80	4660.15	4531.44	4523.73	4645.48	4940.77	5446.95
G 80.0	5292.16	6125.78	5292.16	4800.40	4526.22	4389.85	4378.60	4504.39	4794.06	5289.94
G 85.0	5164.46	5966.04	5164.46	4682.86	4406.14	4271.65	4259.60	4377.06	4654.33	5144.70
G 90.0	5057.98	5870.00	5057.98	4576.95	4304.46	4167.39	4150.51	4267.86	4552.62	5041.19