

# LEDS C4<sup>®</sup>

## Luminaire

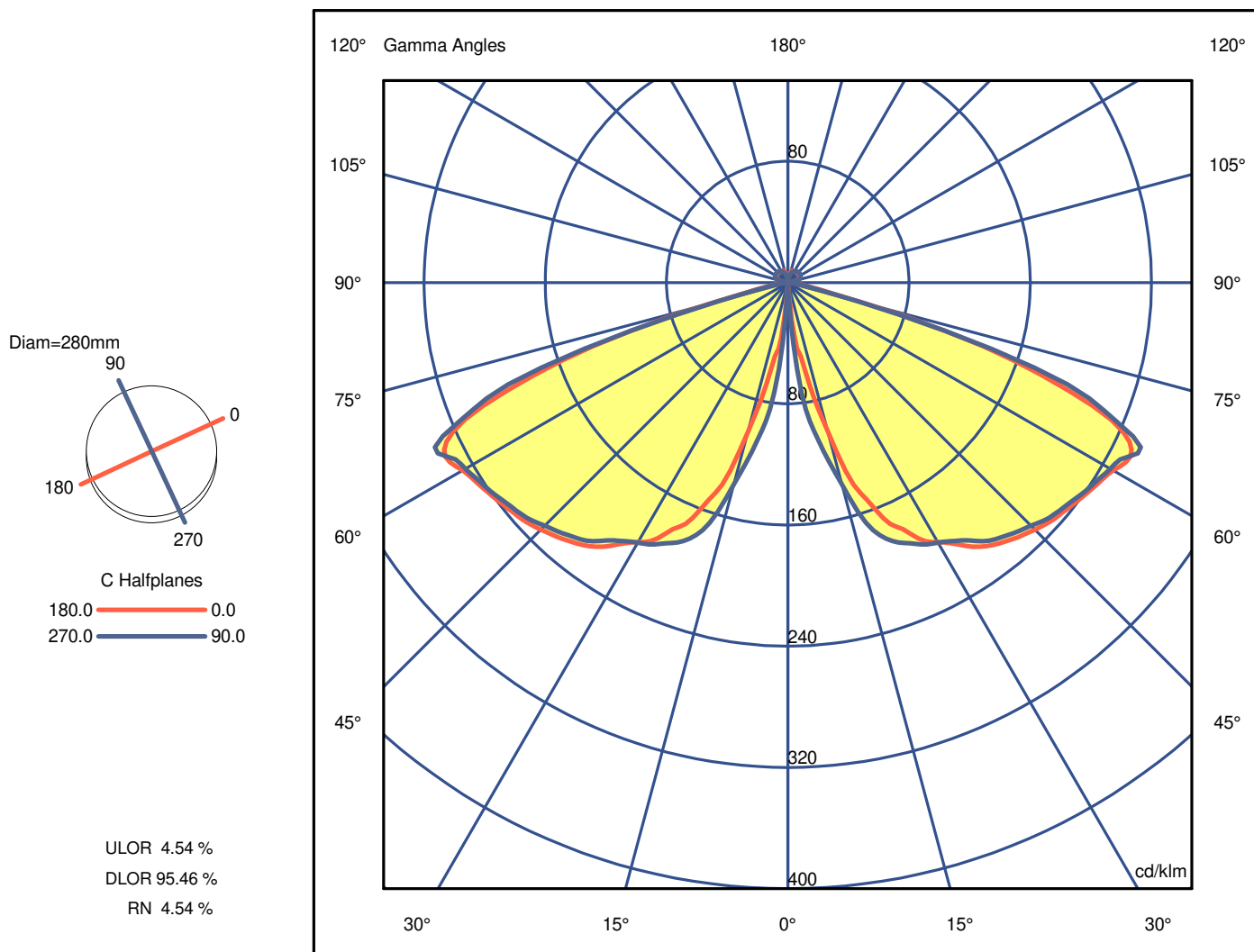
Code 25-7742-05-05  
Name H

## Measurement

Code 25-7742-05-05  
Name H

Luminaire Flux	552.97 lm	Luminaire Power	18.30 W	Efficacy	30.22 lm/W	Efficiency	100.00%
Sources Flux	552.97 lm	Maximum value	257.02 cd/klm	Position	C=90.00 G=65.00	CG	Double Symmetrical
Round Luminaire		Diam.	280 mm	Height	45 mm		
Round Luminous Area		Diam.	280 mm	Height	0 mm		
Horizontal Luminous Area		0.061575 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°		0.014896 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		10-10-2019		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		552.97 lm	
Operator		qualitat		Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		25-7742-05-05		Name		552.97	18.30	1
				10-7742-DN-DN				
C.I.E.	29 68 97 95 100			D DIN 5040	A11			
F UTE	0.95 I + 0.05 T			B NBN	BZ 7 / 0.8 / BZ 6 / 2 / BZ 5			



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Luminaire Flux	552.97 lm	Luminaire Power	18.30 W	Efficacy	30.22 lm/W	Efficiency	100.00%
Sources Flux	552.97 lm	Maximum value	257.02 cd/klm	Position	C=90.00 G=65.00	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	2.49	2.49	2.49	2.49	2.49	2.49	2.49
G 2.5	2.88	4.07	3.39	5.36	4.80	7.80	5.13
G 5.0	12.07	12.75	20.40	21.83	36.45	31.23	40.24
G 7.5	41.31	33.82	41.29	56.33	71.39	77.30	79.15
G 10.0	49.50	47.99	67.35	88.82	98.15	101.63	99.05
G 12.5	75.11	71.22	93.02	117.55	120.09	121.93	117.92
G 15.0	101.78	101.36	113.15	137.82	144.08	139.68	137.73
G 17.5	135.71	124.35	131.24	155.65	160.87	162.24	162.75
G 20.0	152.36	145.14	151.99	174.27	175.10	178.91	177.32
G 22.5	170.61	160.17	167.50	186.48	183.62	187.46	185.06
G 25.0	179.57	176.46	180.71	191.71	189.83	191.59	189.81
G 27.5	191.61	188.13	190.20	195.43	192.83	196.03	194.78
G 30.0	197.62	196.28	196.98	199.46	196.11	199.66	198.14
G 32.5	204.40	205.02	201.61	203.42	199.72	203.61	202.22
G 35.0	212.68	211.45	207.08	208.13	205.27	209.63	207.64
G 37.5	218.77	217.05	211.70	212.59	210.29	216.28	214.96
G 40.0	223.04	221.02	215.99	216.88	214.93	220.84	219.22
G 42.5	226.95	224.13	219.42	220.37	218.46	224.46	223.33
G 45.0	230.46	227.51	222.77	223.23	222.05	227.82	226.92
G 47.5	233.91	230.73	225.75	225.77	225.00	230.91	231.16
G 50.0	236.28	233.47	228.55	228.45	227.76	233.26	233.95
G 52.5	238.70	235.85	230.85	230.63	230.05	235.49	236.58
G 55.0	241.45	238.14	233.41	232.91	232.41	238.16	239.78
G 57.5	244.28	241.02	236.25	235.19	235.20	241.44	242.35
G 60.0	247.84	245.10	239.91	239.63	238.59	245.35	245.66
G 62.5	253.16	250.43	245.05	245.35	243.78	251.33	250.19
G 65.0	248.66	250.45	246.60	238.15	248.48	239.37	257.02
G 67.5	224.98	226.81	222.31	216.67	224.84	218.35	230.63
G 70.0	177.94	182.18	182.52	164.25	184.36	167.41	196.46
G 72.5	122.38	110.94	116.08	106.05	106.86	114.62	124.84
G 75.0	53.35	50.51	50.41	57.65	51.17	58.14	48.56
G 77.5	23.14	20.59	20.23	26.65	19.53	28.27	19.44
G 80.0	12.02	11.28	11.55	11.82	10.34	12.36	10.29
G 82.5	7.13	7.09	7.32	7.30	6.82	7.27	6.88
G 85.0	4.45	4.90	5.21	5.61	5.18	4.43	4.54
G 87.5	3.07	3.40	3.49	4.43	3.75	3.30	3.13
G 90.0	2.22	2.52	2.59	3.28	2.95	2.31	2.30
G 92.5	1.43	1.68	1.71	2.04	1.87	1.63	1.76
G 95.0	1.34	1.34	1.43	1.54	1.41	1.72	1.52
G 97.5	1.79	1.89	2.02	1.99	2.08	2.18	2.14
G100.0	2.75	2.82	2.94	3.18	3.16	3.27	3.27
G102.5	4.36	4.45	4.58	4.70	4.83	4.81	4.79
G105.0	6.17	6.37	6.60	6.28	6.54	6.62	7.01
G107.5	7.33	7.57	7.67	7.65	7.87	7.82	8.04
G110.0	7.97	8.14	8.29	8.44	8.51	8.46	8.62
G112.5	8.44	8.54	8.74	8.81	8.95	8.93	9.01
G115.0	8.68	8.84	9.01	9.08	9.20	9.21	9.28
G117.5	8.86	9.03	9.19	9.29	9.40	9.41	9.48
G120.0	8.96	9.16	9.35	9.45	9.53	9.54	9.63
G122.5	9.06	9.26	9.43	9.51	9.61	9.64	9.70
G125.0	9.12	9.31	9.49	9.59	9.69	9.71	9.79
G127.5	9.15	9.34	9.53	9.60	9.69	9.71	9.79
G130.0	9.15	9.32	9.57	9.59	9.68	9.73	9.81
G132.5	9.12	9.34	9.55	9.58	9.63	9.67	9.74
G135.0	9.11	9.33	9.50	9.51	9.57	9.62	9.67
G137.5	9.05	9.27	9.46	9.44	9.48	9.51	9.57
G140.0	9.03	9.23	9.39	9.35	9.37	9.43	9.43
G142.5	8.97	9.21	9.32	9.25	9.25	9.27	9.28
G145.0	8.95	9.17	9.21	9.16	9.15	9.13	9.15
G147.5	8.92	9.16	9.09	9.00	8.96	8.95	9.01
G150.0	8.90	9.21	9.04	8.74	8.71	8.70	8.76
G152.5	8.79	9.24	9.01	8.47	8.44	8.38	8.42
G155.0	8.67	9.19	8.98	8.17	8.03	8.03	8.09
G157.5	8.61	9.06	8.95	7.95	7.61	7.60	7.74
G160.0	8.58	8.86	8.71	7.66	7.17	7.08	7.19
G162.5	8.11	8.35	8.02	7.09	6.59	6.38	6.49
G165.0	7.37	7.40	7.05	6.31	5.96	5.84	5.94
G167.5	6.44	6.32	6.18	5.59	5.33	5.20	5.28
G170.0	5.58	5.53	5.22	4.91	4.70	4.62	4.68
G172.5	4.86	4.57	4.37	4.27	4.13	3.99	3.96
G175.0	3.87	3.89	3.78	3.77	3.67	3.60	3.63
G177.5	3.44	3.40	3.33	3.33	3.19	3.30	3.18
G180.0	2.97	2.97	2.97	2.97	2.97	2.97	2.97

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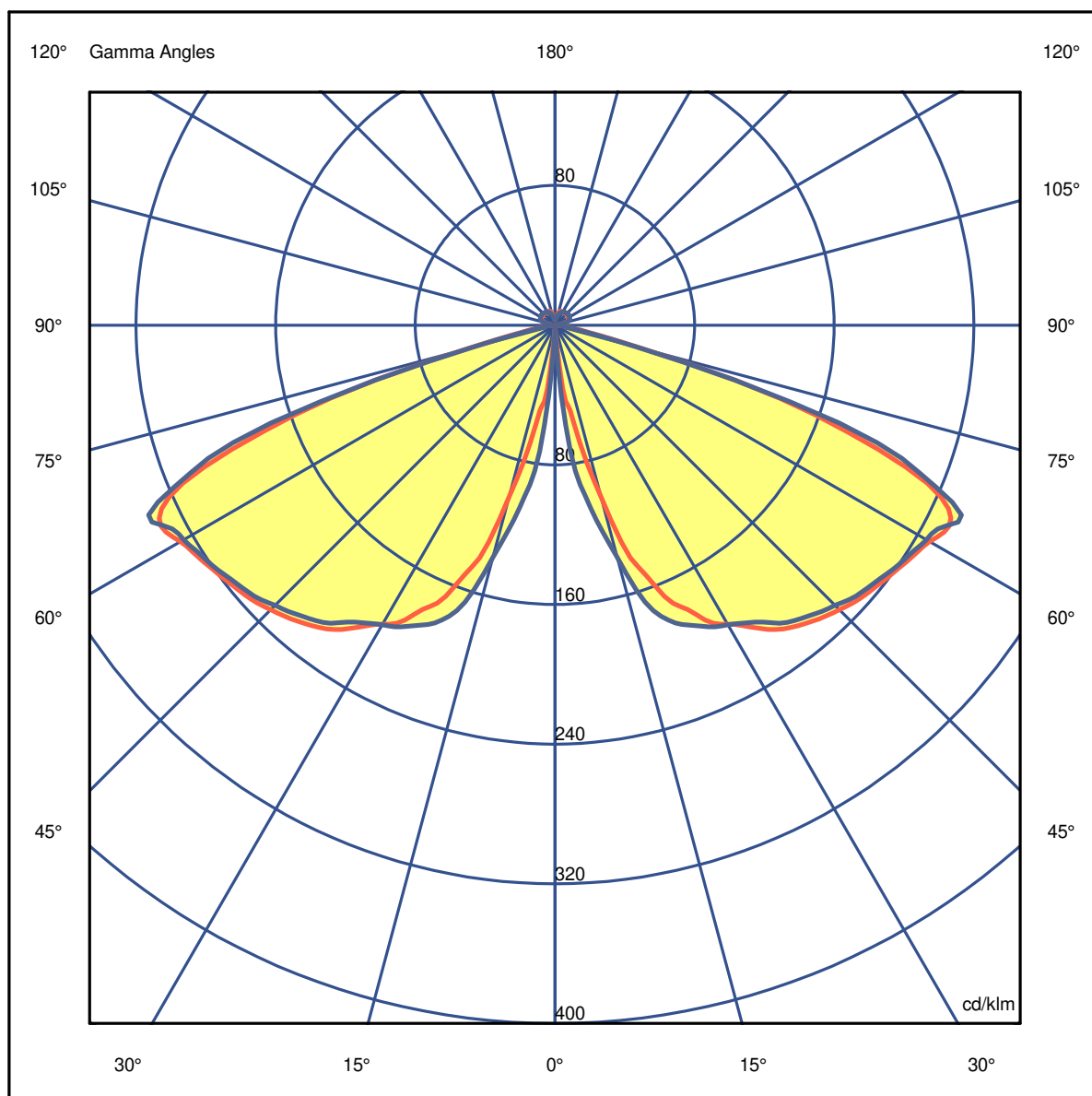
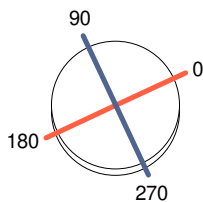
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Luminaire Flux	552.97 lm	Luminaire Power	18.30 W	Efficacy	30.22 lm/W	Efficiency	100.00%
Sources Flux	552.97 lm	Maximum value	257.02 cd/klm	Position	C=90.00 G=65.00	CG Double Symmetrical	

Diam=280mm

C Halfplanes

180.0 — 0.0  
270.0 — 90.0



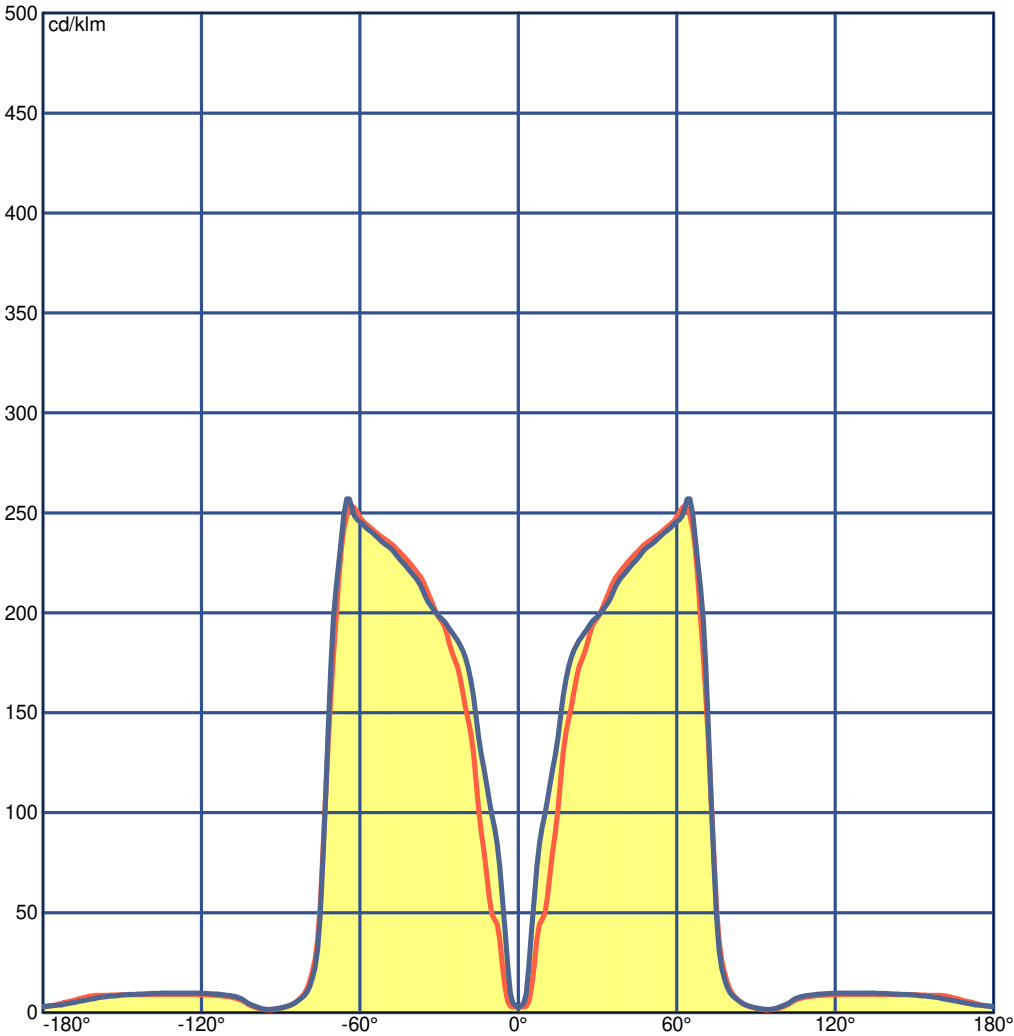
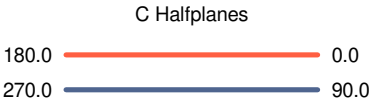
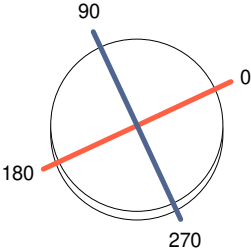
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**UGR**  
S = 0.250

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	18.4	19.9	18.8	20.2	20.6	18.4	19.9	18.7	20.2	20.5
x=2H y=3H	21.0	22.4	21.4	22.8	23.1	21.0	22.3	21.4	22.7	23.1
x=2H y=4H	21.3	22.6	21.7	22.9	23.3	21.2	22.5	21.6	22.9	23.3
x=2H y=6H	21.2	22.4	21.7	22.8	23.2	21.2	22.4	21.6	22.8	23.2
x=2H y=8H	21.2	22.3	21.6	22.7	23.2	21.2	22.3	21.6	22.7	23.1
x=2H y=12H	21.1	22.2	21.6	22.6	23.1	21.1	22.2	21.6	22.6	23.0
x=4H y=2H	19.6	20.9	20.0	21.3	21.6	19.6	20.9	20.0	21.3	21.6
x=4H y=3H	22.1	23.2	22.5	23.6	24.0	22.0	23.1	22.5	23.5	23.9
x=4H y=4H	22.3	23.3	22.8	23.7	24.2	22.3	23.2	22.8	23.7	24.1
x=4H y=6H	22.3	23.1	22.8	23.6	24.1	22.3	23.1	22.8	23.6	24.1
x=4H y=8H	22.3	23.0	22.8	23.5	24.0	22.2	23.0	22.7	23.5	24.0
x=4H y=12H	22.2	22.9	22.8	23.4	23.9	22.2	22.9	22.7	23.4	23.9
x=8H y=4H	22.4	23.2	22.9	23.7	24.2	22.4	23.1	22.9	23.6	24.1
x=8H y=6H	22.4	23.0	22.9	23.5	24.1	22.4	23.0	22.9	23.5	24.0
x=8H y=8H	22.4	22.9	22.9	23.4	24.0	22.4	22.9	22.9	23.4	24.0
x=8H y=12H	22.4	22.8	22.9	23.4	24.0	22.3	22.8	22.9	23.3	23.9
x=12H y=4H	22.4	23.1	22.9	23.6	24.1	22.4	23.0	22.9	23.5	24.1
x=12H y=6H	22.4	22.9	22.9	23.4	24.0	22.4	22.9	22.9	23.4	24.0
x=12H y=8H	22.4	22.8	22.9	23.4	24.0	22.3	22.8	22.9	23.3	23.9

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Sources Flux	552.97 lm	Maximum value	257.02 cd/klm	Position	C=90.00 G=65.00	CG	Double Symmetrical

Total Flux=552.97 Luminaire Flux=552.97

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	0.18	0.26	0.34	0.42	0.49	0.59	0.67	0.72	0.79	0.84	0.93	0.97
RC	9	8	8	7	7	7	7	6	6	6	4	3

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)	4	41	127	258	432	644	874	948	955	957	963	972	981	988	994	998	1000	1000

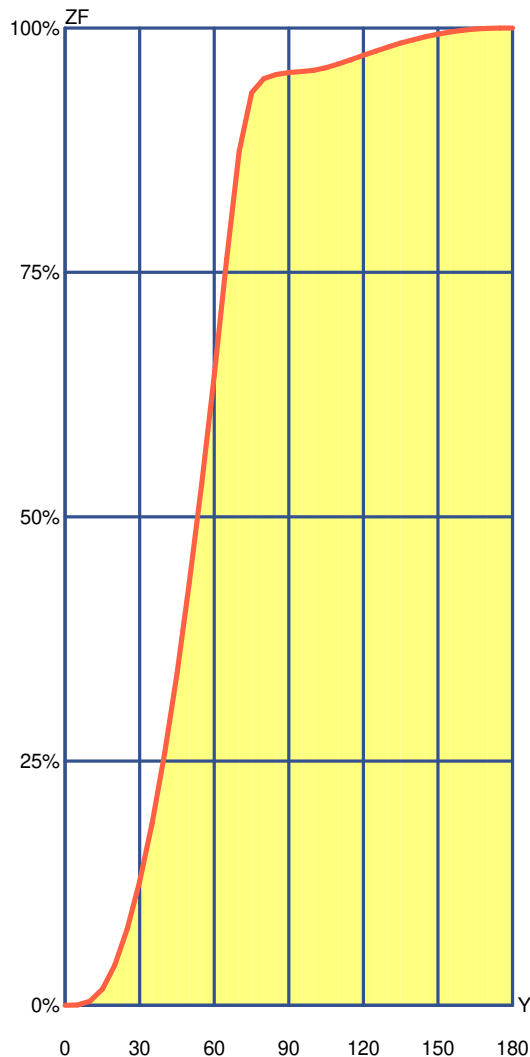
CIE Flux Codes

29 68 97 95 100

C.I.E.  
D DIN 5040  
F UTE  
B NBN  
RN  
BLF

9/8/8/7/7/7/6/6/6/4/3  
A11  
0.95 I + 0.05 T  
BZ 7 / 0.8 / BZ 6 / 2 / BZ 5  
4.54136 %  
1.0

LOR 100.00000 %  
ULOR 4.54136 %  
DLOR 95.45864 %  
UFF 4.54136 %  
DFF 95.45864 %  
FFR 4.75741 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	0.29	0.29	0.03 %	0.03 %
10°	4.06	4.35	0.41 %	0.43 %
15°	12.37	16.72	1.24 %	1.67 %
20°	24.24	40.96	2.42 %	4.10 %
25°	37.04	78.00	3.70 %	7.80 %
30°	48.68	126.68	4.87 %	12.67 %
35°	59.81	186.49	5.98 %	18.65 %
40°	71.38	257.86	7.14 %	25.79 %
45°	82.21	340.07	8.22 %	34.01 %
50°	92.29	432.36	9.23 %	43.24 %
55°	101.54	533.90	10.15 %	53.39 %
60°	110.49	644.39	11.05 %	64.44 %
65°	119.66	764.05	11.97 %	76.41 %
70°	110.01	874.06	11.00 %	87.41 %
75°	59.64	933.70	5.96 %	93.37 %
80°	14.70	948.40	1.47 %	94.84 %
85°	4.16	952.56	0.42 %	95.26 %
90°	2.02	954.59	0.20 %	95.46 %
95°	1.05	955.63	0.10 %	95.56 %
100°	1.17	956.80	0.12 %	95.68 %
105°	2.52	959.32	0.25 %	95.93 %
110°	3.96	963.28	0.40 %	96.33 %
115°	4.43	967.70	0.44 %	96.77 %
120°	4.49	972.19	0.45 %	97.22 %
125°	4.38	976.57	0.44 %	97.66 %
130°	4.15	980.72	0.42 %	98.07 %
135°	3.85	984.57	0.39 %	98.46 %
140°	3.49	988.06	0.35 %	98.81 %
145°	3.08	991.14	0.31 %	99.11 %
150°	2.66	993.80	0.27 %	99.38 %
155°	2.20	996.00	0.22 %	99.60 %
160°	1.72	997.72	0.17 %	99.77 %
165°	1.20	998.92	0.12 %	99.89 %
170°	0.69	999.60	0.07 %	99.96 %
175°	0.31	999.92	0.03 %	99.99 %
180°	0.08	1000.00	0.01 %	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	264	237	226	204	226	195	144	123	126	108	80	60	47	32	101	65	57	38	30	54	32	28	17		
0.80	303	278	243	224	264	214	176	154	144	126	93	74	55	40	118	78	70	46	38	66	40	35	20		
1.00	328	305	248	232	290	223	200	179	154	138	102	84	62	48	129	87	80	54	46	76	47	42	23		
1.25	348	328	247	234	312	225	225	204	160	146	110	94	70	56	138	96	89	62	54	85	55	50	25		
1.50	362	344	242	231	328	223	244	224	163	151	116	101	77	64	143	102	96	69	61	92	62	56	27		
2.00	378	364	229	221	347	214	273	255	164	155	123	110	88	76	147	111	105	80	73	101	73	68	30		
2.50	388	376	217	212	359	205	293	278	163	156	127	117	96	85	148	117	112	89	82	107	82	77	32		
3.00	394	384	208	203	367	198	309	295	162	156	131	121	103	93	149	121	116	96	89	112	89	84	34		
4.00	403	394	195	192	377	187	331	319	159	155	135	127	112	104	148	126	123	106	100	118	100	94	36		
5.00	408	401	186	184	384	180	346	335	158	154	137	131	119	111	148	130	127	113	108	123	107	102	38		
10.00	419	416	167	166	399	163	379	373	153	151	143	140	134	129	147	138	136	129	126	132	124	120	41		
20.00	426	424	158	157	407	155	398	395	151	150	147	145	143	140	146	142	141	138	137	138	135	131	43		

## 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	516	501	468	457	494	451	389	379	364	356	305	297	262	257	351	298	295	259	256	294	257	255	236
0.80	588	573	520	510	562	502	458	446	419	410	359	350	314	308	404	351	347	310	307	345	307	304	282
1.00	639	624	553	543	610	534	509	496	457	448	399	390	354	347	440	389	385	348	345	382	344	341	316
1.25	682	668	577	568	651	559	555	542	488	480	433	424	390	382	470	422	419	383	379	414	378	374	345
1.50	711	698	590	583	679	573	589	576	509	501	457	448	416	408	490	445	442	408	404	436	402	398	366
2.00	740	728	595	589	706	579	629	616	526	519	482	473	444	437	507	469	465	436	432	458	428	422	387
2.50	752	743	590	586	718	575	651	639	531	525	492	485	459	452	512	479	476	450	445	467	441	434	396
3.00	757	748	582	578	722	567	663	652	529	525	496	489	466	459	510	482	479	456	452	469	446	438	398
4.00	757	750	565	562	723	552	675	665	522	519	496	490	472	465	504	481	478	460	456	468	449	440	396
5.00	753	747	549	547	718	537	678	669	513	510	491	486	471	464	494	475	473	458	454	462	446	436	390
10.00	706	702	477	476	671	467	650	644	455	453	444	441	433	429	437	428	427	419	416	413	405	392	342
20.00	618	617	376	376	583	367	573	570	362	361	357	355	352	350	344	340	339	336	335	324	321	306	254

## 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	490	475	457	445	465	437	338	328	325	317	250	242	195	190	311	242	239	191	189	237	189	187	167
0.80	603	586	556	543	572	532	442	429	422	412	343	333	284	277	403	332	328	278	275	324	274	271	250
1.00	694	676	632	620	657	607	530	515	501	491	423	412	362	354	479	409	405	355	350	400	349	345	323
1.25	782	765	705	694	741	678	621	605	581	571	506	494	446	436	556	490	485	436	431	478	429	423	402
1.50	850	833	759	749	807	733	693	677	644	633	572	560	514	504	616	555	550	503	498	540	494	487	466
2.00	949	935	837	829	903	811	804	788	737	728	675	663	623	611	707	654	650	609	603	637	597	587	567
2.50	1000	1000	886	880	967	862	881	865	799	791	745	734	699	687	768	723	718	682	676	704	669	657	638
3.00	1000	1000	920	915	1000	897	936	922	843	836	796	786	754	743	812	772	768	736	730	752	721	707	689
4.00	1000	1000	963	959	1000	941	1000	997	900	894	862	853	829	818	868	837	833	808	802	814	790	773	757
5.00	1000	1000	988	985	1000	968	1000	1000	934	929	903	896	875	866	903	877	874	853	848	853	833	814	798
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	990	985	975	969	973	960	959	949	945	934	924	901	886
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	995	973	969	943	929

LM53 SHR C0-C180: 7.212 SHR C90-C270: 7.091 SHR Square: 2.310

# LEDS C4<sup>®</sup>

## Luminaire

Code 25-7742-05-05

Name H

## Measurem.

Code 25-7742-05-05

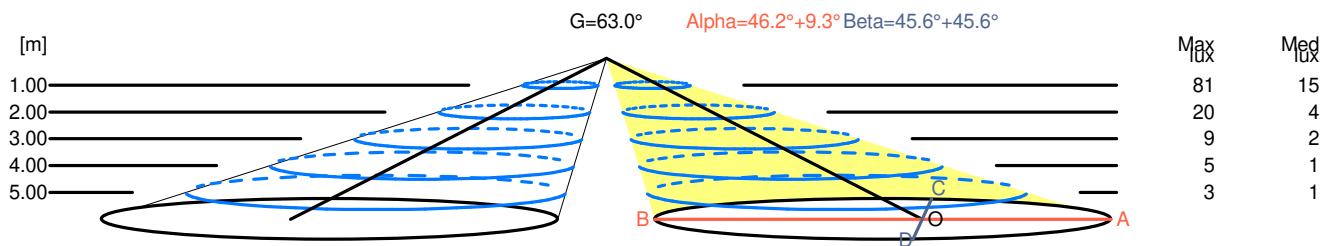
Name H

Luminaire Flux	552.97 lm	Luminaire Power	18.30 W	Efficacy	30.22 lm/W	Efficiency	100.00%
Sources Flux	552.97 lm	Maximum value	257.02 cd/klm	Position	C=90.00 G=65.00	CG	Double Symmetrical

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	1.17	2.35	3.52	4.69	5.87	OC	2.25	4.50	6.75	9.00	11.25
OB	1.66	3.32	4.98	6.64	8.31	OD	2.25	4.50	6.75	9.00	11.25

	0	5	15	25	35	45	55	65	75	85
OA	1.38	6.67	56.28	99.29	117.60	127.43	133.51	137.50	29.50	2.46
OB	1.38	6.67	56.28	99.29	117.60	127.43	133.51	137.50	29.50	2.46
OC	1.38	22.25	76.16	104.96	114.82	125.48	132.59	142.13	26.85	2.51
OD	1.38	22.25	76.16	104.96	114.82	125.48	132.59	142.13	26.85	2.51



H[m]	D[m]	Max lux	Med lux	Alpha=46.2°+9.3°	G=63.0
1.00	2.83	81	15		
2.00	5.67	20	4		
3.00	8.50	9	2		
4.00	11.34	5	1		
5.00	14.17	3	1		

H[m]	D[m]	Max lux	Med lux	Beta=45.6°+45.6°	G=0.0
1.00	4.50	81	15		
2.00	9.00	20	4		
3.00	13.50	9	2		
4.00	18.00	5	1		
5.00	22.50	3	1		



# LEDS C4<sup>+</sup>

## Luminaire

Code 25-7742-05-05

Name H

## Measurement

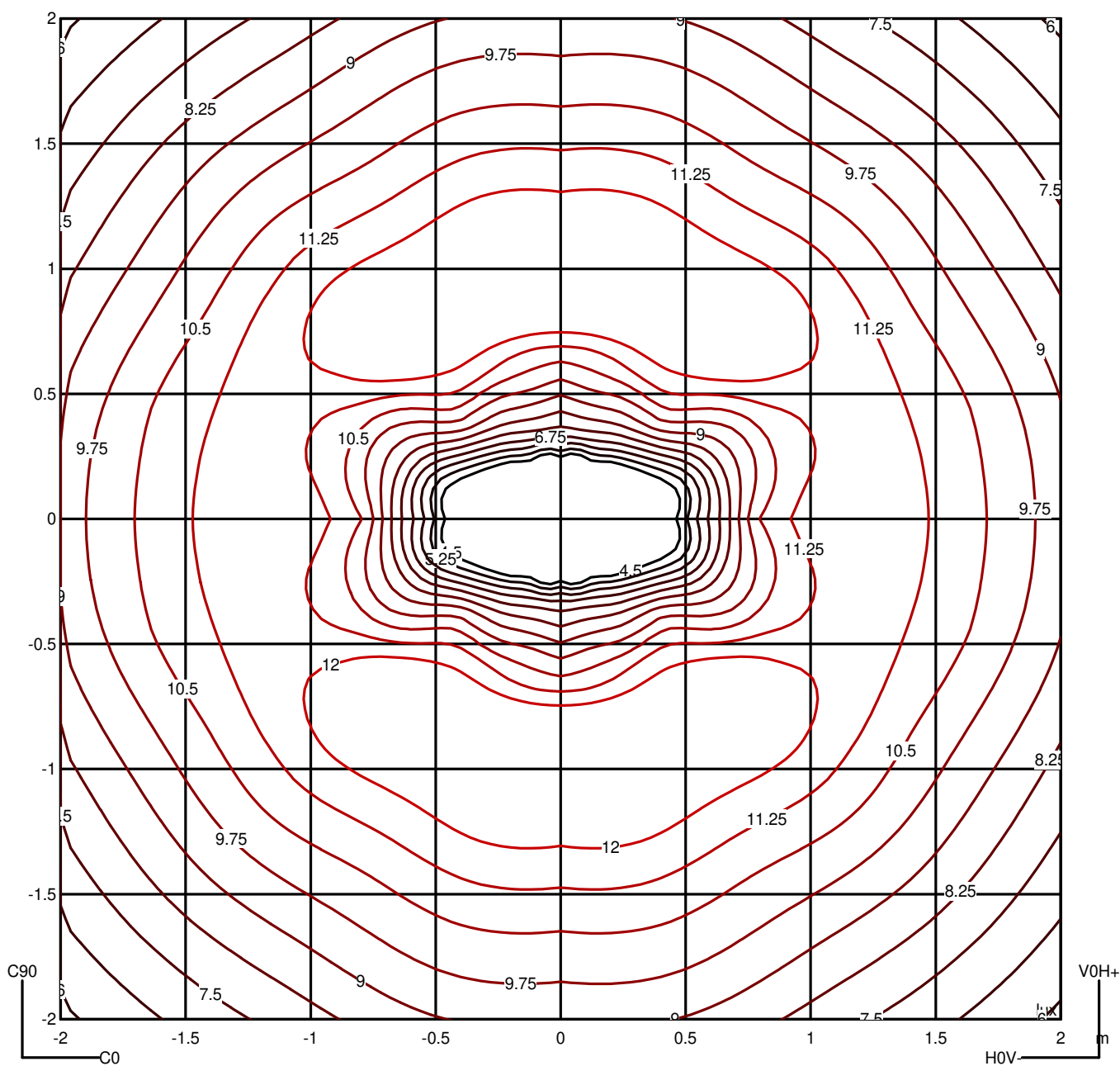
Code 25-7742-05-05

Name H

Luminaire Flux	552.97 lm	Luminaire Power	18.30 W	Efficacy	30.22 lm/W	Efficiency	100.00%
Sources Flux	552.97 lm	Maximum value	257.02 cd/klm	Position	C=90.00 G=65.00	CG	Double Symmetrical

Isolux (Floor)

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



# LEDS C4<sup>2</sup>

**Luminaire**

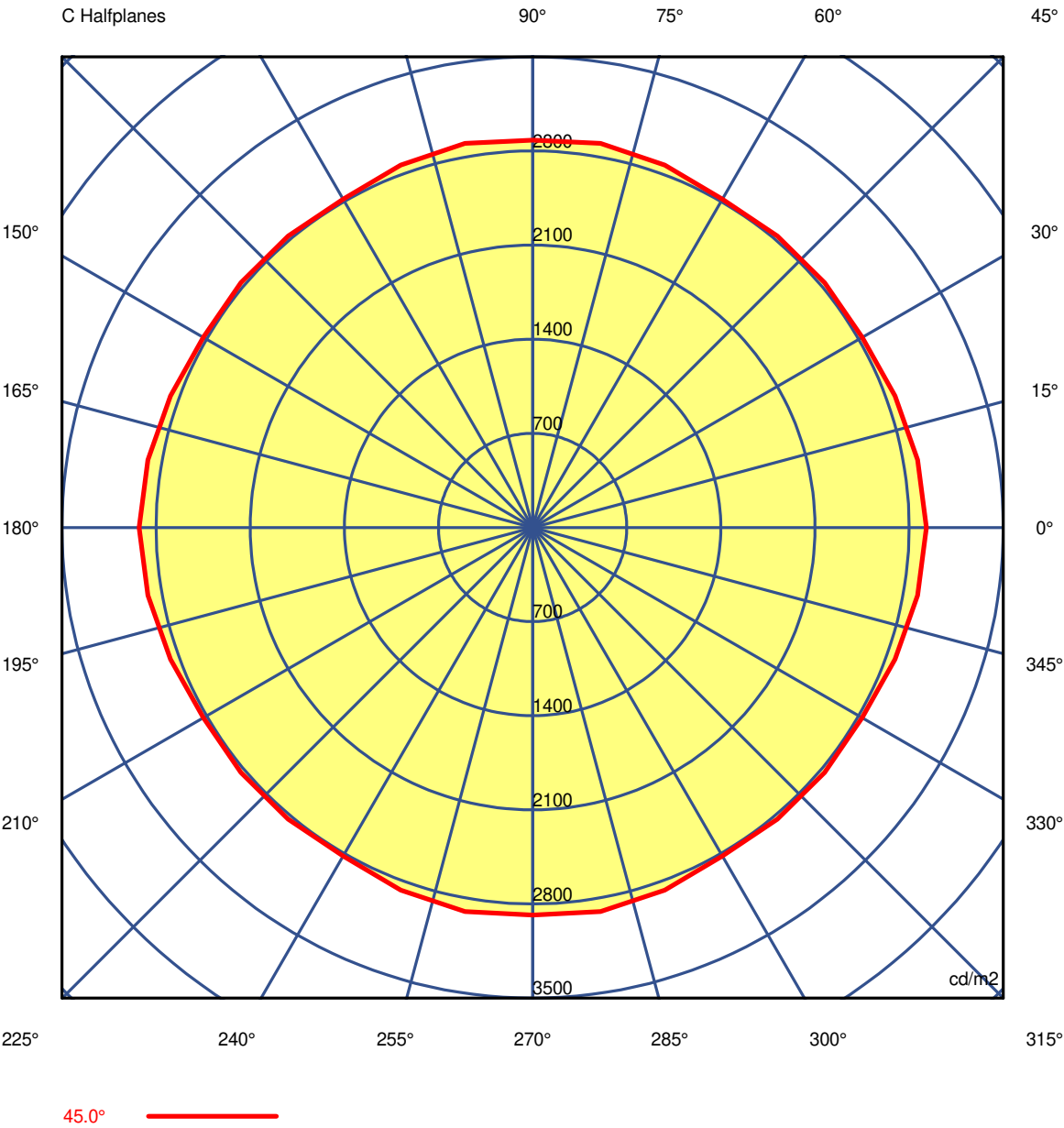
Code 25-7742-05-05  
Name H

**Measurem.**

Code 25-7742-05-05  
Name H

Luminaire Flux	552.97 lm	Luminaire Power	18.30 W	Efficacy	30.22 lm/W	Efficiency	100.00%
Sources Flux	552.97 lm	Maximum value	257.02 cd/klm	Position	C=90.00 G=65.00	CG Double Symmetrical	

Luminance



# LEDS C4<sup>®</sup>

## Luminaire

Code 25-7742-05-05  
Name H

## Measurment

Code 25-7742-05-05  
Name H

Luminaire Flux	552.97 lm	Luminaire Power	18.30 W	Efficacy	30.22 lm/W	Efficiency	100.00%
Sources Flux	552.97 lm	Maximum value	257.02 cd/klm	Position	C=90.00 G=65.00	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	22.34	22.34	22.34	22.34	22.34	22.34	22.34	22.34	22.34	22.34	22.34	22.34	22.34
G 5.0	108.80	112.88	139.04	183.92	192.49	241.05	328.61	299.88	290.17	362.78	290.17	299.88	328.61
G 10.0	451.43	424.56	478.94	614.16	754.71	849.20	894.98	921.96	923.69	903.20	923.69	921.96	894.98
G 15.0	946.27	936.58	960.78	1051.98	1211.77	1323.13	1339.58	1313.26	1289.12	1280.52	1289.12	1313.26	1339.58
G 20.0	1456.03	1402.20	1386.44	1452.57	1606.23	1668.13	1673.43	1696.34	1712.29	1694.63	1712.29	1696.34	1673.43
G 25.0	1779.28	1754.34	1750.78	1790.61	1872.26	1893.43	1881.02	1891.05	1897.97	1880.76	1897.97	1891.05	1881.02
G 30.0	2049.24	2039.00	2033.76	2042.60	2065.99	2057.33	2033.57	2057.03	2072.72	2054.64	2072.72	2057.03	2033.57
G 35.0	2331.57	2322.61	2300.29	2270.22	2279.86	2270.98	2250.35	2282.04	2300.33	2276.38	2300.33	2282.04	2250.35
G 40.0	2614.68	2604.68	2569.04	2532.07	2539.94	2532.97	2519.69	2566.48	2594.18	2569.98	2594.18	2566.48	2519.69
G 45.0	2926.83	2906.26	2866.51	2829.28	2833.33	2830.11	2820.08	2869.76	2900.60	2881.90	2900.60	2869.76	2820.08
G 50.0	3301.14	3279.87	3236.71	3193.14	3192.20	3184.99	3181.98	3233.03	3262.12	3268.49	3262.12	3233.03	3181.98
G 55.0	3780.27	3749.97	3701.24	3654.50	3647.80	3639.21	3638.78	3697.83	3746.44	3754.15	3746.44	3697.83	3638.78
G 60.0	4451.44	4425.76	4368.45	4308.91	4305.63	4291.53	4285.18	4366.40	4408.57	4412.30	4408.57	4366.40	4285.18
G 65.0	5283.87	5314.66	5318.34	5240.17	5078.24	5130.04	5280.04	5137.39	5141.14	5461.58	5141.14	5137.39	5280.04
G 70.0	4672.07	4733.94	4844.16	4792.41	4472.63	4465.80	4840.64	4524.48	4496.16	5158.41	4496.16	4524.48	4840.64
G 75.0	1851.25	1787.37	1719.13	1749.12	1916.57	1936.04	1775.59	1945.77	1979.70	1684.94	1979.70	1945.77	1775.59
G 80.0	621.45	591.83	581.42	597.29	620.19	579.85	534.86	609.15	630.21	532.39	630.21	609.15	534.86
G 85.0	458.40	491.23	514.51	536.43	569.40	573.81	533.55	475.72	451.25	468.04	451.25	475.72	533.55
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 C4<sup>°</sup>

## Luminaire

Code 25-7742-05-05

Name H

## Measurerm.

Code 25-7742-05-05

Name H

Luminaire Flux	552.97 lm	Luminaire Power	18.30 W	Efficacy	30.22 lm/W	Efficiency	100.00%
Sources Flux	552.97 lm	Maximum value	257.02 cd/klm	Position	C=90.00 G=65.00	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	22.34	22.34	22.34	22.34	22.34	22.34	22.34	22.34	22.34	22.34	22.34	22.34	22.34
G 5.0	241.05	192.49	183.92	139.04	112.88	108.80	112.88	139.04	183.92	192.49	241.05	328.61	299.88
G 10.0	849.20	754.71	614.16	478.94	424.56	451.43	424.56	478.94	614.16	754.71	849.20	894.98	921.96
G 15.0	1323.13	1211.77	1051.98	960.78	936.58	946.27	936.58	960.78	1051.98	1211.77	1323.13	1339.58	1313.26
G 20.0	1668.13	1606.23	1452.57	1386.44	1402.20	1456.03	1402.20	1386.44	1452.57	1606.23	1668.13	1673.43	1696.34
G 25.0	1893.43	1872.26	1790.61	1750.78	1754.34	1779.28	1754.34	1750.78	1790.61	1872.26	1893.43	1881.02	1891.05
G 30.0	2057.33	2065.99	2042.60	2033.76	2039.00	2049.24	2039.00	2033.76	2042.60	2065.99	2057.33	2033.57	2057.03
G 35.0	2270.98	2279.86	2270.22	2300.29	2322.61	2331.57	2322.61	2300.29	2270.22	2279.86	2270.98	2250.35	2282.04
G 40.0	2532.97	2539.94	2532.07	2569.04	2604.68	2614.68	2604.68	2569.04	2532.07	2539.94	2532.97	2519.69	2566.48
G 45.0	2830.11	2833.33	2829.28	2866.51	2906.26	2926.83	2906.26	2866.51	2829.28	2833.33	2830.11	2820.08	2869.76
G 50.0	3184.99	3192.20	3193.14	3236.71	3279.87	3301.14	3279.87	3236.71	3193.14	3192.20	3184.99	3181.98	3233.03
G 55.0	3639.21	3647.80	3654.50	3701.24	3749.97	3780.27	3749.97	3701.24	3654.50	3647.80	3639.21	3638.78	3697.83
G 60.0	4291.53	4305.63	4308.91	4368.45	4425.76	4451.44	4425.76	4368.45	4308.91	4305.63	4291.53	4285.18	4366.40
G 65.0	5130.04	5078.24	5240.17	5318.34	5314.66	5283.87	5314.66	5318.34	5240.17	5078.24	5130.04	5280.04	5137.39
G 70.0	4465.80	4472.63	4792.41	4844.16	4733.94	4672.07	4733.94	4844.16	4792.41	4472.63	4465.80	4840.64	4524.48
G 75.0	1936.04	1916.57	1749.12	1719.13	1787.37	1851.25	1787.37	1719.13	1749.12	1916.57	1936.04	1775.59	1945.77
G 80.0	579.85	620.19	597.29	581.42	591.83	621.45	591.83	581.42	597.29	620.19	579.85	534.86	609.15
G 85.0	573.81	569.40	536.43	514.51	491.23	458.40	491.23	514.51	536.43	569.40	573.81	533.55	475.72
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 C4<sup>®</sup>

## Luminaire

Code 25-7742-05-05  
Name H

## Measurem.

Code 25-7742-05-05  
Name H

Luminaire Flux	552.97 lm	Luminaire Power	18.30 W	Efficacy	30.22 lm/W	Efficiency	100.00%
Sources Flux	552.97 lm	Maximum value	257.02 cd/klm	Position	C=90.00 G=65.00	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	22.34	22.34	22.34	22.34	22.34	22.34	22.34	22.34	22.34	22.34
G 5.0	290.17	362.78	290.17	299.88	328.61	241.05	192.49	183.92	139.04	112.88
G 10.0	923.69	903.20	923.69	921.96	894.98	849.20	754.71	614.16	478.94	424.56
G 15.0	1289.12	1280.52	1289.12	1313.26	1339.58	1323.13	1211.77	1051.98	960.78	936.58
G 20.0	1712.29	1694.63	1712.29	1696.34	1673.43	1668.13	1606.23	1452.57	1386.44	1402.20
G 25.0	1897.97	1880.76	1897.97	1891.05	1881.02	1893.43	1872.26	1790.61	1750.78	1754.34
G 30.0	2072.72	2054.64	2072.72	2057.03	2033.57	2057.33	2065.99	2042.60	2033.76	2039.00
G 35.0	2300.33	2276.38	2300.33	2282.04	2250.35	2270.98	2279.86	2270.22	2300.29	2322.61
G 40.0	2594.18	2569.98	2594.18	2566.48	2519.69	2532.97	2539.94	2532.07	2569.04	2604.68
G 45.0	2900.60	2881.90	2900.60	2869.76	2820.08	2830.11	2833.33	2829.28	2866.51	2906.26
G 50.0	3262.12	3268.49	3262.12	3233.03	3181.98	3184.99	3192.20	3193.14	3236.71	3279.87
G 55.0	3746.44	3754.15	3746.44	3697.83	3638.78	3639.21	3647.80	3654.50	3701.24	3749.97
G 60.0	4408.57	4412.30	4408.57	4366.40	4285.18	4291.53	4305.63	4308.91	4368.45	4425.76
G 65.0	5141.14	5461.58	5141.14	5137.39	5280.04	5130.04	5078.24	5240.17	5318.34	5314.66
G 70.0	4496.16	5158.41	4496.16	4524.48	4840.64	4465.80	4472.63	4792.41	4844.16	4733.94
G 75.0	1979.70	1684.94	1979.70	1945.77	1775.59	1936.04	1916.57	1749.12	1719.13	1787.37
G 80.0	630.21	532.39	630.21	609.15	534.86	579.85	620.19	597.29	581.42	591.83
G 85.0	451.25	468.04	451.25	475.72	533.55	573.81	569.40	536.43	514.51	491.23
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00