

Luminaire

Code 25-2934-BW-M3
Name CIRC

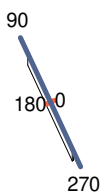
Measurement

Code 25-2934-BW-M3
Name CIRC

Luminaire Flux	2248 lm	Luminaire Power	27.0 W	Efficacy	83.259 lm/W	Efficiency	100.00%
Source Flux	2248 lm	Maximum value	312.41 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1000 mm	Width	12 mm	Height	18 mm
Rectangular Luminous Area		Length	1000 mm	Width	12 mm	Height	18 mm
Horizontal Luminous Area		0.012000 m2		Emitting area on Plane 180°		0.018000 m2	
Emitting area on Plane 0°		0.018000 m2		Emitting area on Plane 270°		0.000216 m2	
Emitting area on Plane 90°		0.000216 m2		Glare area at 76°		0.020368 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		07-07-2014		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2248 lm	
Operator				Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
	LED	25-2934-BW-M3	2248.00	27.00	1	
C.I.E.	44 70 88 78 100	D DIN 5040	B31			
F UTE	0.78 E + 0.22 T	B NBN	BZ 5			

1000mm x 12mm



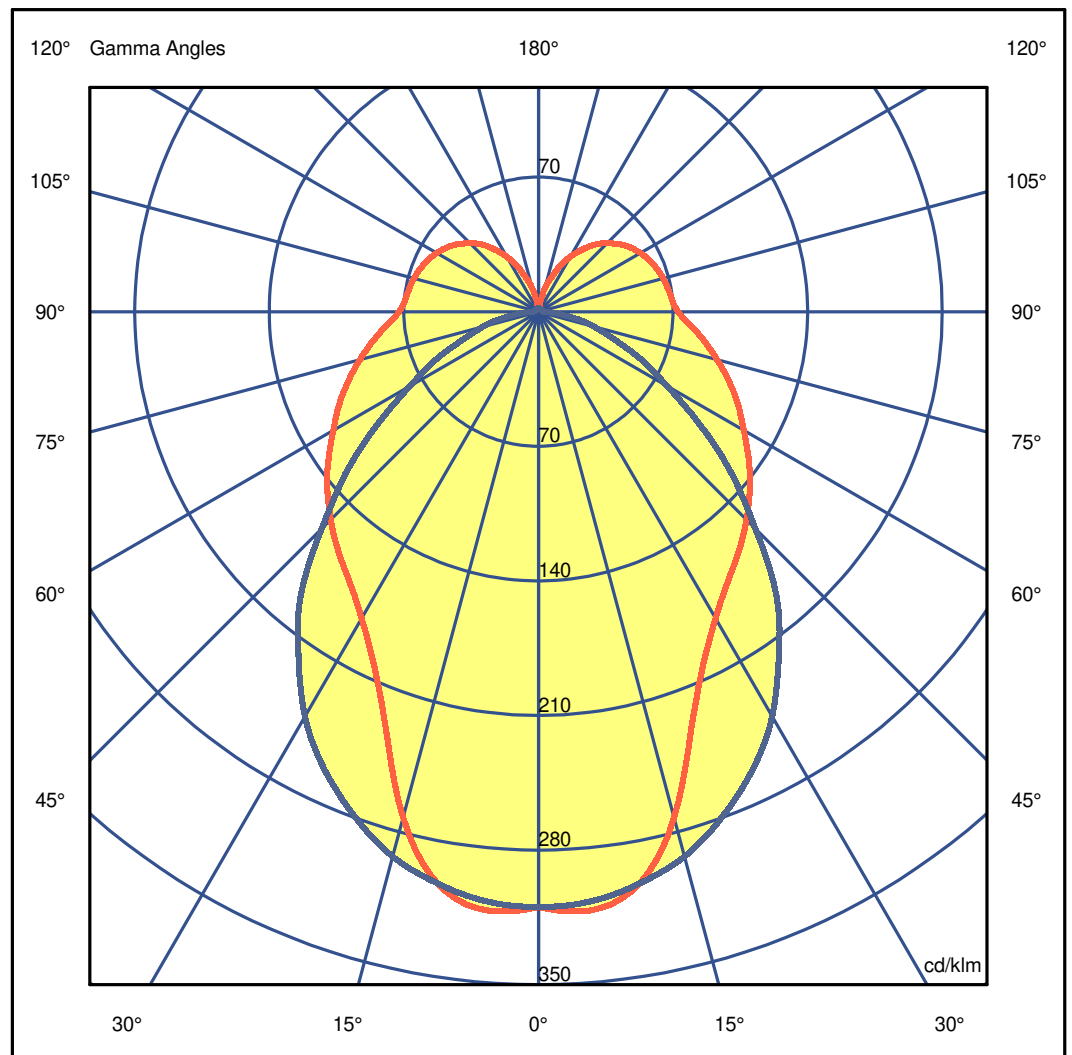
C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 21.96 %

DLOR 78.04 %

RN 21.96 %



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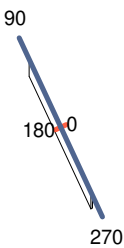
Luminous Intensity Table cd/klm Table 1/1

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	309.70	309.70	309.70	309.70	309.70	309.70	309.70
G 5.0	312.41	311.16	311.56	311.06	310.10	308.57	307.87
G 10.0	302.04	297.69	300.03	304.18	306.44	304.74	301.95
G 15.0	272.32	262.67	274.16	284.30	292.72	295.83	293.24
G 20.0	231.82	227.87	235.89	254.70	273.48	282.05	279.44
G 25.0	202.62	199.77	205.95	221.13	245.24	263.71	263.08
G 30.0	184.07	180.96	184.18	192.04	214.61	239.38	243.04
G 35.0	171.43	168.70	167.16	169.55	187.73	213.82	217.85
G 40.0	162.19	158.11	155.95	153.26	159.53	184.63	192.52
G 45.0	152.88	149.22	144.55	139.75	140.24	155.63	159.48
G 50.0	143.41	139.64	135.10	127.86	121.14	129.48	131.19
G 55.0	133.41	129.67	125.34	116.99	107.95	105.86	102.67
G 60.0	123.27	120.09	115.27	106.77	96.64	87.18	77.30
G 65.0	114.52	110.36	106.44	97.59	84.46	71.43	59.18
G 70.0	105.33	102.00	97.18	88.80	75.31	58.77	41.73
G 75.0	96.20	93.13	89.04	80.28	65.16	48.10	30.18
G 80.0	87.48	84.54	80.83	72.09	57.70	38.01	18.98
G 85.0	79.21	76.84	72.78	64.25	50.51	29.59	9.33
G 90.0	72.56	70.43	66.88	58.36	43.37	23.20	2.77
G 95.0	69.76	68.36	64.48	56.14	41.61	21.37	1.97
G100.0	68.43	66.98	63.09	54.56	39.79	20.25	1.97
G105.0	67.12	65.54	61.43	52.66	38.24	19.12	1.97
G110.0	65.49	63.71	59.37	50.55	36.73	17.64	2.02
G115.0	63.62	61.47	57.21	48.30	34.54	15.96	2.04
G120.0	61.20	59.14	54.47	45.86	32.30	13.96	2.07
G125.0	58.32	56.06	51.47	42.76	29.14	11.94	2.07
G130.0	54.76	52.34	47.66	38.98	26.16	10.18	1.46
G135.0	50.40	47.77	43.02	34.66	22.51	7.80	1.53
G140.0	45.72	42.39	38.09	29.28	17.53	5.36	1.59
G145.0	39.43	37.00	31.91	23.80	13.33	3.41	1.66
G150.0	33.21	30.37	25.31	18.10	9.15	2.19	1.71
G155.0	26.08	23.53	18.00	12.59	5.98	1.94	1.77
G160.0	18.89	15.86	11.97	7.73	3.59	1.91	1.82
G165.0	12.73	8.56	6.26	3.82	2.04	1.91	1.87
G170.0	5.01	3.23	2.37	2.00	1.92	1.91	1.91
G175.0	1.72	1.74	1.80	1.87	1.92	1.93	1.94
G180.0	1.74	1.75	1.81	1.88	1.93	1.95	1.96

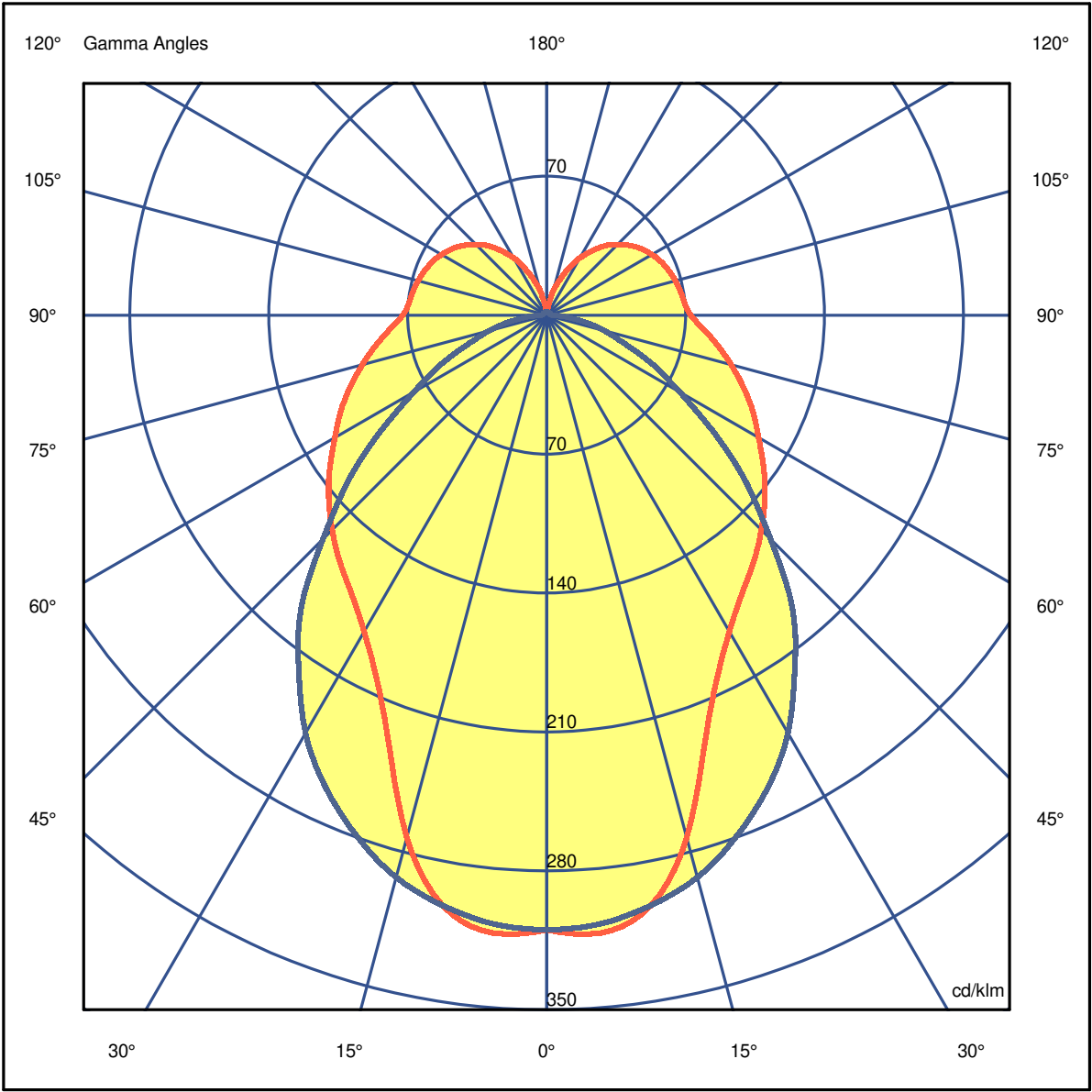
Luminaire
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Name CIRC
Measurem.
Code 25-2934-BW-M3
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Source Flux	2248 lm	Maximum value	312.41 cd/klm	Position	C=0.00 G=5.00	CG Double Symmetrical	

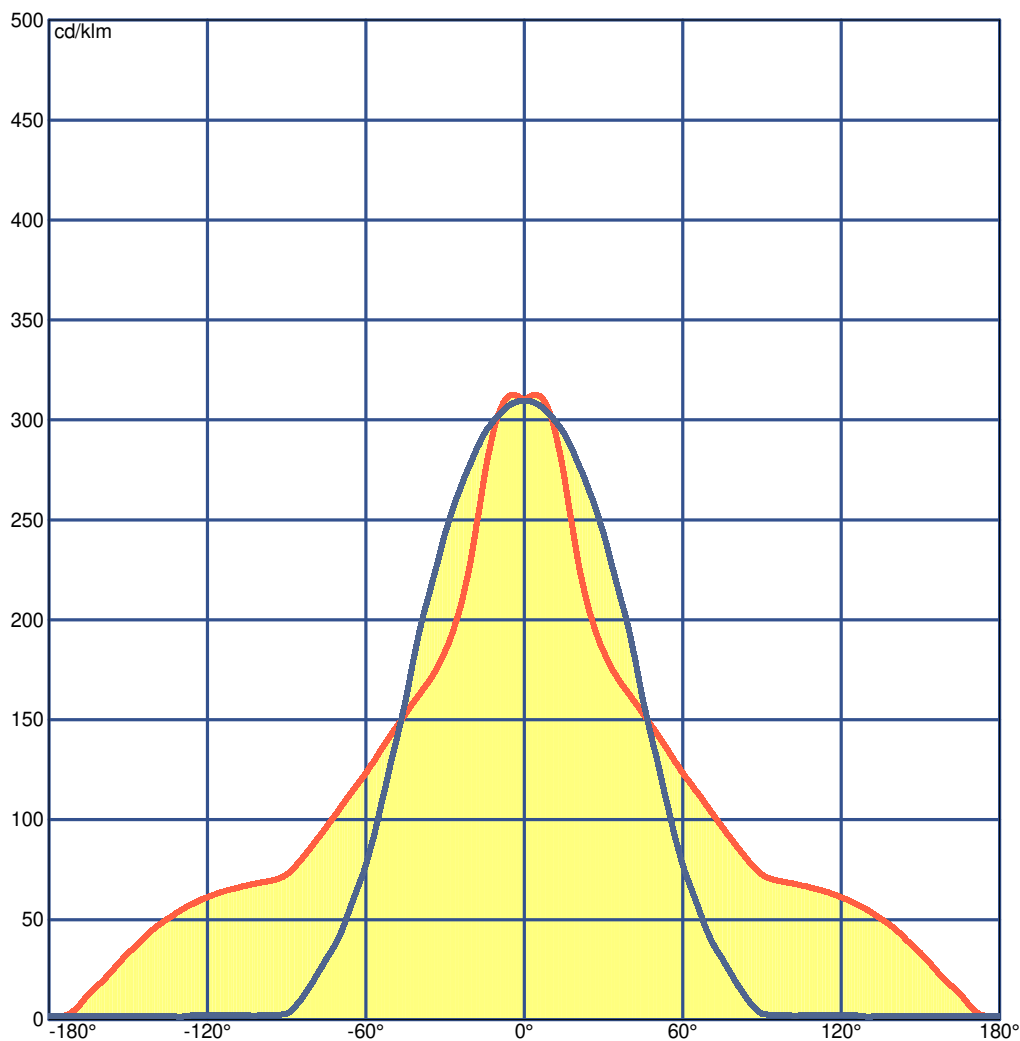
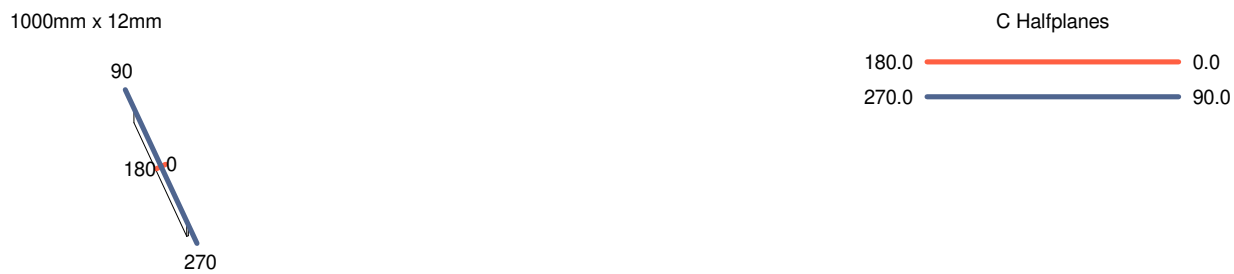
1000mm x 12mm



C Halfplanes



Luminaire							
Code	25-2934-BW-M3						
Name	CIRC						
Measurem.							
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Name	CIRC						
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Source Flux	2248 lm	Maximum value	312.41 cd/klm	Position	C=0.00 G=5.00	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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	20.3	21.4	20.9	21.9	22.6	21.2	22.3	21.7	22.8	23.5
x=2H y=3H	22.1	23.1	22.7	23.7	24.4	22.4	23.4	23.0	24.0	24.7
x=2H y=4H	23.0	23.9	23.6	24.6	25.3	22.9	23.9	23.6	24.5	25.2
x=2H y=6H	23.9	24.7	24.5	25.4	26.2	23.3	24.2	24.0	24.9	25.6
x=2H y=8H	24.3	25.1	24.9	25.8	26.5	23.5	24.3	24.2	25.0	25.8
x=2H y=12H	24.7	25.5	25.3	26.1	26.9	23.6	24.4	24.3	25.1	25.8
x=4H y=2H	20.9	21.8	21.5	22.5	23.2	21.6	22.5	22.2	23.1	23.9
x=4H y=3H	22.9	23.7	23.6	24.4	25.2	23.1	23.9	23.7	24.5	25.3
x=4H y=4H	24.0	24.7	24.7	25.4	26.2	23.8	24.5	24.5	25.2	26.0
x=4H y=6H	25.0	25.7	25.8	26.4	27.2	24.4	25.0	25.1	25.7	26.6
x=4H y=8H	25.5	26.1	26.3	26.9	27.7	24.6	25.2	25.4	26.0	26.8
x=4H y=12H	26.0	26.6	26.8	27.3	28.2	24.8	25.4	25.6	26.1	27.0
x=8H y=4H	24.4	25.0	25.1	25.7	26.6	24.2	24.8	24.9	25.5	26.4
x=8H y=6H	25.6	26.1	26.4	26.9	27.8	25.0	25.5	25.8	26.3	27.2
x=8H y=8H	26.3	26.7	27.1	27.5	28.4	25.4	25.9	26.2	26.6	27.5
x=8H y=12H	26.9	27.3	27.7	28.1	29.0	25.8	26.1	26.5	26.9	27.8
x=12H y=4H	24.4	25.0	25.2	25.7	26.6	24.2	24.8	25.0	25.5	26.4
x=12H y=6H	25.8	26.2	26.5	27.0	27.9	25.2	25.6	26.0	26.4	27.3
x=12H y=8H	26.5	26.9	27.3	27.7	28.6	25.7	26.1	26.5	26.9	27.8

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Source Flux	2248 lm	Maximum value	312.41 cd/klm	Position	C=0.00 G=5.00	CG Double Symmetrical	

Total Flux=2248.00 Luminaire Flux=2248.00

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	0.29	0.37	0.43	0.49	0.54	0.62	0.68	0.72	0.77	0.80	0.88	0.93
RC	5	5	6	6	6	6	6	6	7	7	7	7

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)	29	108	214	329	443	549	641	718	780	833	881	922	955	979	992	998	1000	1000

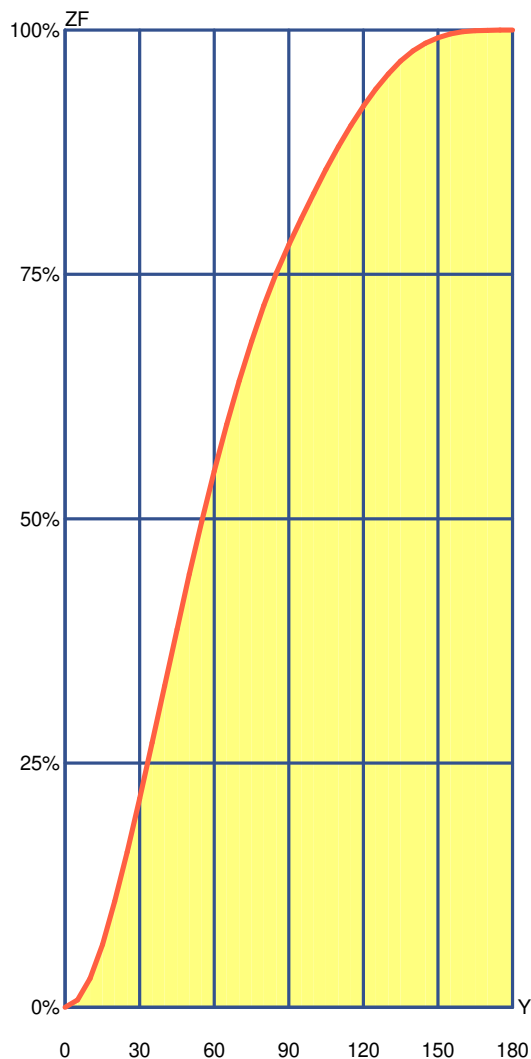
CIE Flux Codes

44 70 88 78 100

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

5/5/6/6/6/6/6/7/7/7
B31
0.78 E + 0.22 T
BZ 5
21.96259 %
1.0

LOR 99.99999 %
ULOR 21.96259 %
DLOR 78.03740 %
UFF 21.96259 %
DFF 78.03741 %
FFR 28.14367 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	7.41	7.41	0.74 %	0.74 %
10°	21.93	29.34	2.19 %	2.93 %
15°	34.68	64.02	3.47 %	6.40 %
20°	44.26	108.28	4.43 %	10.83 %
25°	50.66	158.94	5.07 %	15.89 %
30°	54.70	213.64	5.47 %	21.36 %
35°	57.09	270.73	5.71 %	27.07 %
40°	58.13	328.86	5.81 %	32.89 %
45°	57.84	386.70	5.78 %	38.67 %
50°	56.45	443.15	5.64 %	44.32 %
55°	54.15	497.30	5.42 %	49.73 %
60°	51.24	548.55	5.12 %	54.85 %
65°	47.95	596.49	4.79 %	59.65 %
70°	44.43	640.92	4.44 %	64.09 %
75°	40.71	681.63	4.07 %	68.16 %
80°	36.80	718.43	3.68 %	71.84 %
85°	32.82	751.25	3.28 %	75.13 %
90°	29.12	780.37	2.91 %	78.04 %
95°	26.82	807.20	2.68 %	80.72 %
100°	25.71	832.91	2.57 %	83.29 %
105°	24.59	857.50	2.46 %	85.75 %
110°	23.23	880.73	2.32 %	88.07 %
115°	21.61	902.34	2.16 %	90.23 %
120°	19.76	922.10	1.98 %	92.21 %
125°	17.68	939.78	1.77 %	93.98 %
130°	15.40	955.18	1.54 %	95.52 %
135°	12.97	968.15	1.30 %	96.81 %
140°	10.43	978.58	1.04 %	97.86 %
145°	7.96	986.54	0.80 %	98.65 %
150°	5.71	992.25	0.57 %	99.22 %
155°	3.77	996.01	0.38 %	99.60 %
160°	2.23	998.24	0.22 %	99.82 %
165°	1.12	999.36	0.11 %	99.94 %
170°	0.44	999.80	0.04 %	99.98 %
175°	0.15	999.96	0.02 %	100.00 %
180°	0.04	1000.00	0.00 %	100.00 %

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Utilizations CIE

Mounting	Direct				Normalization			Normalised			Suspension Ratio d/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	365	328	324	292	312	279	245	209	225	192	188	142	161	110	179	152	134	131	105	127	111	96	82			
0.80	412	377	350	323	359	308	286	250	251	221	211	168	180	132	207	176	159	152	126	150	131	115	98			
1.00	443	412	362	339	392	325	317	283	269	241	227	187	195	150	226	193	177	168	143	169	147	131	110			
1.25	471	443	370	350	422	336	348	316	283	259	242	206	209	167	243	210	195	183	160	186	163	147	122			
1.50	491	466	372	356	444	343	372	342	293	271	253	220	220	182	256	223	209	196	174	200	177	161	132			
2.00	516	496	371	359	473	347	407	381	303	286	267	240	237	204	271	241	229	215	196	220	197	182	146			
2.50	532	515	368	358	491	347	432	409	309	295	277	253	248	219	281	253	243	229	212	233	212	198	157			
3.00	543	528	365	357	505	347	450	429	313	301	283	263	257	231	287	262	253	239	224	243	223	210	165			
4.00	557	546	360	354	522	345	476	459	317	308	292	276	269	248	295	273	266	253	241	257	239	227	176			
5.00	566	556	356	351	533	343	493	478	320	312	298	284	278	260	300	281	275	263	252	266	250	238	183			
10.00	583	578	345	342	555	337	530	522	323	319	309	302	296	286	309	297	294	285	279	286	275	266	200			
20.00	591	589	336	335	565	330	552	547	322	321	315	311	307	302	312	305	303	298	295	296	290	282	209			

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	434	414	382	366	403	358	318	301	289	274	242	224	208	191	267	227	220	197	188	216	189	183	165
0.80	500	480	429	414	464	403	378	359	336	321	288	269	252	232	310	269	262	238	227	256	227	220	198
1.00	548	528	460	446	509	433	424	404	370	355	323	303	287	265	341	301	293	270	259	285	257	247	223
1.25	593	574	488	476	551	461	470	450	402	388	357	337	321	299	371	333	325	302	291	314	287	275	248
1.50	627	610	509	498	584	482	507	487	428	414	385	365	350	327	395	359	351	329	317	338	312	298	268
2.00	673	657	532	523	627	506	559	540	460	448	421	403	389	368	425	393	386	365	354	370	346	329	295
2.50	704	691	549	541	658	523	596	579	483	472	448	432	418	398	447	418	411	393	382	393	371	352	315
3.00	727	715	560	554	680	535	624	608	499	490	468	453	440	422	463	437	431	413	403	410	390	370	331
4.00	766	756	583	578	718	559	670	656	529	522	502	490	478	462	493	470	465	450	441	442	424	401	359
5.00	795	787	602	598	747	579	705	693	553	547	529	519	508	493	516	496	492	478	470	466	451	427	382
10.00	876	871	659	657	827	638	801	793	622	618	607	600	592	583	585	572	569	559	554	539	529	500	451
20.00	939	936	709	708	890	688	874	870	679	677	670	666	661	656	642	634	632	626	623	600	593	563	510

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	530	509	495	477	496	466	391	374	377	362	317	299	273	256	352	299	293	261	252	287	252	245	229
0.80	628	605	579	560	585	544	478	457	456	438	392	370	345	322	422	368	360	327	315	351	313	303	285
1.00	706	682	643	625	657	606	551	528	521	502	457	432	408	382	481	428	418	385	372	406	368	354	335
1.25	780	757	703	686	725	664	623	598	584	565	521	495	472	443	538	486	476	444	429	459	423	405	384
1.50	836	814	747	732	778	707	680	655	632	613	572	545	523	493	582	533	522	491	476	502	466	445	423
2.00	919	899	810	797	856	769	768	744	704	687	650	624	604	574	649	605	595	566	550	568	535	509	485
2.50	974	956	850	839	908	809	829	806	752	737	703	679	661	632	694	654	645	619	604	613	583	553	528
3.00	1000	998	879	869	946	838	874	853	787	774	743	720	703	676	727	691	682	658	643	646	619	585	560
4.00	1000	1000	914	907	995	874	934	916	832	821	794	775	760	735	769	738	731	710	697	690	666	627	601
5.00	1000	1000	936	930	1000	897	974	957	860	851	827	811	797	775	796	769	763	745	733	718	697	655	628
10.00	1000	1000	983	980	1000	945	1000	1000	924	918	903	894	884	870	857	841	837	825	817	783	770	719	690
20.00	1000	1000	1000	1000	1000	973	1000	1000	961	958	949	943	937	930	893	884	882	874	870	823	815	759	729

LM53 SHR C0-C180: 0.901 SHR C90-C270: 1.166 SHR Square: 1.111

LedsC4

Luminaire

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Measurem.

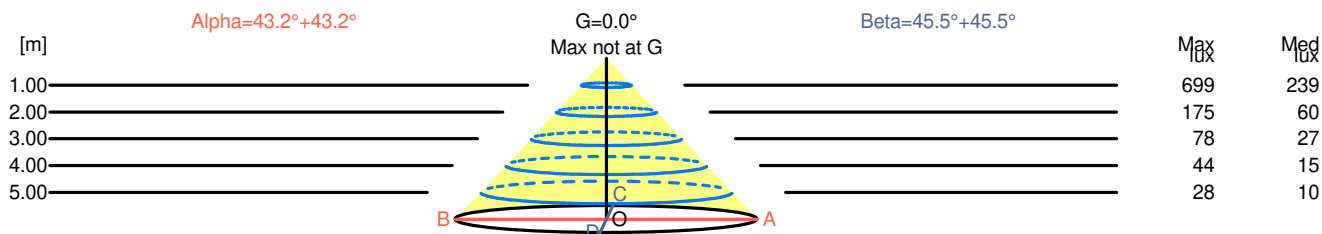
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Source Flux	2248 lm	Maximum value	312.41 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical

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	0.94	1.88	2.82	3.76	4.70	OC	1.02	2.04	3.06	4.07	5.09
OB	0.94	1.88	2.82	3.76	4.70	OD	1.02	2.04	3.06	4.07	5.09

	0	5	15	25	35	45	55	65	75	85
OA	696.21	702.31	612.17	455.50	385.38	343.68	299.91	257.44	216.26	178.05
OB	696.21	702.31	612.17	455.50	385.38	343.68	299.91	257.44	216.26	178.05
OC	696.21	692.10	659.21	591.40	489.73	358.50	230.81	133.03	67.85	20.96
OD	696.21	692.10	659.21	591.40	489.73	358.50	230.81	133.03	67.85	20.96



H[m]	D[m]	Max lux	Med lux	Alpha=43.2°+43.2°	G=0.0 Max not at G	
1.00	1.88	699	239			
2.00	3.76	175	60			
3.00	5.63	78	27			
4.00	7.51	44	15			
5.00	9.39	28	10			

H[m]	D[m]	Max lux	Med lux	Beta=45.5°+45.5°	G=0.0 Max not at G	
1.00	2.04	699	239			
2.00	4.07	175	60			
3.00	6.11	78	27			
4.00	8.15	44	15			
5.00	10.18	28	10			

Luminaire

Code 25-2934-BW-M3
Name CIRC

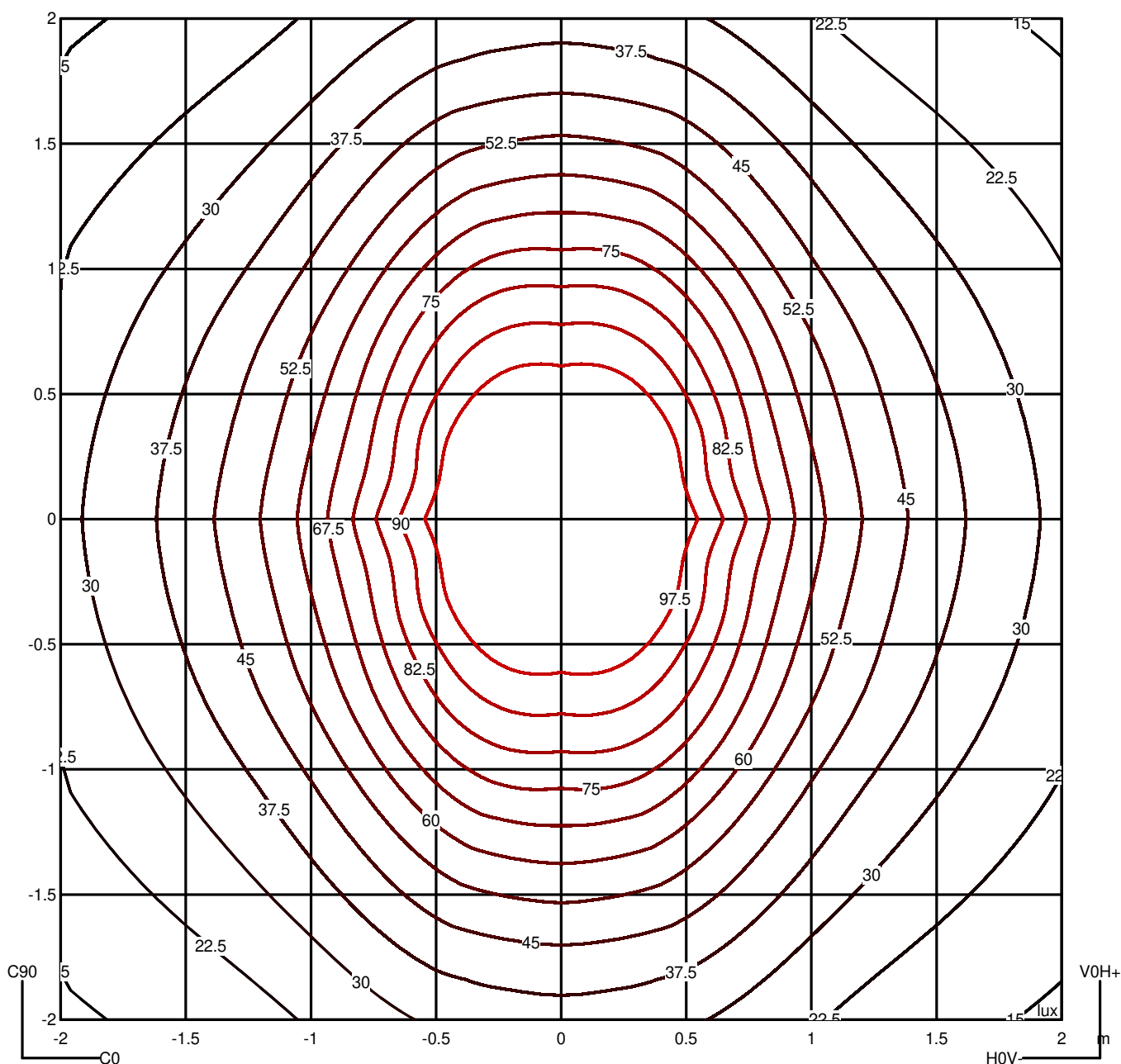
Measurem.

Code 25-2934-BW-M3
Name CIRC

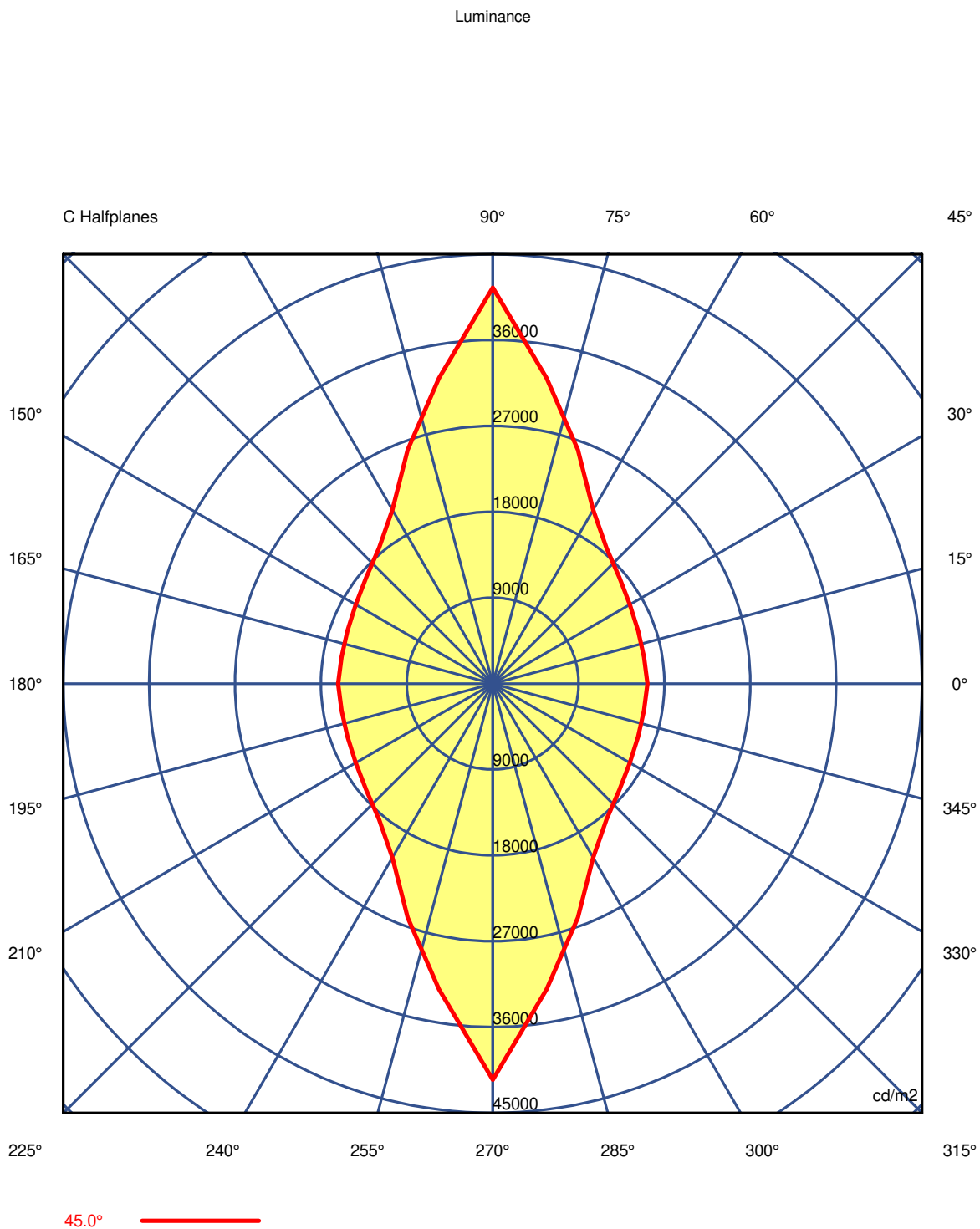
Luminaire Flux	2248 lm	Luminaire Power	27.0 W	Efficacy	83.259 lm/W	Efficiency	100.00%
Source Flux	2248 lm	Maximum value	312.41 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical

Isolux (Floor)

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



Luminaire							
Code	25-2934-BW-M3						
Name	CIRC						
Measurem.							
Code	25-2934-BW-M3						
Name	CIRC						
Luminaire Flux	2248 lm	Luminaire Power	27.0 W	Efficacy	83.259 lm/W	Efficiency	100.00%
Source Flux	2248 lm	Maximum value	312.41 cd/klm	Position	C=0.00 G=5.00	CG Double Symmetrical	



Luminaire

Code 25-2934-BW-M3
Name CIRC

Measurem.

Code 25-2934-BW-M3
Name CIRC

Luminaire Flux		2248 lm		Luminaire Power		27.0 W		Efficacy		83.259 lm/W		Efficiency		100.00%	
Source Flux		2248 lm		Maximum value		312.41 cd/klm		Position		C=0.00 G=5.00		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	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	
G 5.0	51933.75	51842.33	52073.40	52572.17	53146.53	53837.35	54653.20	55540.21	56586.25	57804.09	56586.25	55540.21	54653.20	53837.35	
G 10.0	45436.83	45033.35	45336.98	46375.65	47823.77	49533.95	51359.42	53163.70	55092.47	57255.67	55092.47	53163.70	51359.42	47823.77	
G 15.0	37672.18	36626.01	37249.49	39371.70	41621.63	44152.92	47106.47	50191.94	53314.79	56599.39	53314.79	50191.94	47106.47	44152.92	
G 20.0	29894.38	29573.66	30129.81	31858.73	34732.69	38454.56	42638.53	46899.20	51055.75	55346.35	51055.75	46899.20	42638.53	38454.56	
G 25.0	24644.39	24457.11	24993.56	26441.06	28822.94	32454.16	37355.41	43006.96	48520.11	53925.09	48520.11	43006.96	37355.41	32454.16	
G 30.0	21338.37	21157.70	21599.58	22698.27	24373.28	27370.33	32192.83	38568.90	44842.42	52032.93	44842.42	38568.90	32192.83	27370.33	
G 35.0	19121.47	19034.77	19300.52	19953.32	21134.88	23564.95	27949.41	34462.39	41183.68	49201.08	41183.68	34462.39	27949.41	23564.95	
G 40.0	17560.57	17368.36	17583.46	18181.96	19076.43	20586.10	23753.15	29902.60	37552.85	46380.47	37552.85	29902.60	23753.15	20586.10	
G 45.0	16201.39	16078.76	16204.63	16592.24	17325.01	18545.65	21043.42	26080.69	32523.27	41503.07	32523.27	26080.69	21043.42	18545.65	
G 50.0	14993.36	14859.00	14997.86	15386.99	15988.39	16765.12	18461.10	22569.83	28464.24	37431.66	28464.24	22569.83	18461.10	16765.12	
G 55.0	13866.93	13726.97	13884.95	14273.77	14774.30	15472.46	16841.90	19751.26	24564.42	32692.93	24564.42	19751.26	16841.90	15472.46	
G 60.0	12835.80	12744.05	12893.68	13224.92	13683.10	14382.51	15567.01	17643.21	21224.55	28084.33	21224.55	17643.21	15567.01	14382.51	
G 65.0	12038.59	11852.24	11999.60	12399.91	12855.13	13377.15	14172.21	15698.06	18682.38	25256.96	18682.38	15698.06	14172.21	13377.15	
G 70.0	11265.51	11154.27	11274.51	11587.20	12048.28	12602.28	13292.09	14369.80	16480.14	21777.20	16480.14	14369.80	13292.09	12602.28	
G 75.0	10553.02	10446.99	10600.80	10957.02	11396.00	11794.70	12226.61	13096.84	14983.60	20470.42	14983.60	13096.84	12226.61	11794.70	
G 80.0	9927.41	9816.89	9988.40	10358.80	10760.37	11200.68	11653.03	12057.21	13180.91	18583.38	13180.91	12057.21	11653.03	11200.68	
G 85.0	9382.42	9320.11	9486.93	9807.69	10184.49	10666.19	11134.58	11229.82	11628.09	16624.63	11628.09	11229.82	11134.58	10666.19	
G 90.0	9061.85	9008.31	9205.80	9578.68	9989.98	10362.47	10613.30	10664.56	10989.35	28872.23	10989.35	10664.56	10613.30	10362.47	

Luminaire

Code 25-2934-BW-M3
Name CIRC

Measurment

Code 25-2934-BW-M3
Name CIRC

Luminaire Flux	2248 lm	Luminaire Power	27.0 W	Efficacy	83.259 lm/W	Efficiency	100.00%
Source Flux	2248 lm	Maximum value	312.41 cd/klm	Position	C=0.00 G=5.00	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	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79
G 5.0	53837.35	53146.53	52572.17	52073.40	51842.33	51933.75	51842.33	52073.40	52572.17	53146.53	53837.35	54653.20	55540.21
G 10.0	49533.95	47823.77	46375.65	45336.98	45033.35	45436.83	45033.35	45336.98	46375.65	47823.77	49533.95	51359.42	53163.70
G 15.0	44152.92	41621.63	39371.70	37249.49	36626.01	37672.18	36626.01	37249.49	39371.70	41621.63	44152.92	47106.47	50191.94
G 20.0	38454.56	34732.69	31858.73	30129.81	29573.66	29894.38	29573.66	30129.81	31858.73	34732.69	38454.56	42638.53	46899.20
G 25.0	32454.16	28822.94	26441.06	24993.56	24457.11	24644.39	24457.11	24993.56	26441.06	28822.94	32454.16	37355.41	43006.96
G 30.0	27370.33	24373.28	22698.27	21599.58	21157.70	21338.37	21157.70	21599.58	22698.27	24373.28	27370.33	32192.83	38568.90
G 35.0	23564.95	21134.88	19953.32	19300.52	19034.77	19121.47	19034.77	19300.52	19953.32	21134.88	23564.95	27949.41	34462.39
G 40.0	20586.10	19076.43	18181.96	17583.46	17368.36	17560.57	17368.36	17583.46	18181.96	19076.43	20586.10	23753.15	29902.60
G 45.0	18545.65	17325.01	16592.24	16204.63	16078.76	16201.39	16078.76	16204.63	16592.24	17325.01	18545.65	21043.42	26080.69
G 50.0	16765.12	15988.39	15386.99	14997.86	14859.00	14993.36	14859.00	14997.86	15386.99	15988.39	16765.12	18461.10	22569.83
G 55.0	15472.46	14774.30	14273.77	13884.95	13726.97	13866.93	13726.97	13884.95	14273.77	14774.30	15472.46	16841.90	19751.26
G 60.0	14382.51	13683.10	13224.92	12893.68	12744.05	12835.80	12744.05	12893.68	13224.92	13683.10	14382.51	15567.01	17643.21
G 65.0	13377.15	12855.13	12399.91	11999.60	11852.24	12038.59	11852.24	11999.60	12399.91	12855.13	13377.15	14172.21	15698.06
G 70.0	12602.28	12048.28	11587.20	11274.51	11154.27	11265.51	11154.27	11274.51	11587.20	12048.28	12602.28	13292.09	14369.80
G 75.0	11794.70	11396.00	10957.02	10600.80	10446.99	10553.02	10446.99	10600.80	10957.02	11396.00	11794.70	12226.61	13096.84
G 80.0	11200.68	10760.37	10358.80	9988.40	9816.89	9927.41	9816.89	9988.40	10358.80	10760.37	11200.68	11653.03	12057.21
G 85.0	10666.19	10184.49	9807.69	9486.93	9320.11	9382.42	9320.11	9486.93	9807.69	10184.49	10666.19	11134.58	11229.82
G 90.0	10362.47	9989.98	9578.68	9205.80	9008.31	9061.85	9008.31	9205.80	9578.68	9989.98	10362.47	10613.30	10664.56

Luminaire

Code 25-2934-BW-M3
Name CIRC

Measurem.

Code 25-2934-BW-M3
Name CIRC

Luminaire Flux	2248 lm	Luminaire Power	27.0 W	Efficacy	83.259 lm/W	Efficiency	100.00%
Source Flux	2248 lm	Maximum value	312.41 cd/klm	Position	C=0.00 G=5.00	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	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79	58017.79
G 5.0	56586.25	57804.09	56586.25	55540.21	54653.20	53837.35	53146.53	52572.17	52073.40	51842.33
G 10.0	55092.47	57255.67	55092.47	53163.70	51359.42	49533.95	47823.77	46375.65	45336.98	45033.35
G 15.0	53314.79	56599.39	53314.79	50191.94	47106.47	44152.92	41621.63	39371.70	37249.49	36626.01
G 20.0	51055.75	55346.35	51055.75	46899.20	42638.53	38454.56	34732.69	31858.73	30129.81	29573.66
G 25.0	48520.11	53925.09	48520.11	43006.96	37355.41	32454.16	28822.94	26441.06	24993.56	24457.11
G 30.0	44842.42	52032.93	44842.42	38568.90	32192.83	27370.33	24373.28	22698.27	21599.58	21157.70
G 35.0	41183.68	49201.08	41183.68	34462.39	27949.41	23564.95	21134.88	19953.32	19300.52	19034.77
G 40.0	37552.85	46380.47	37552.85	29902.60	23753.15	20586.10	19076.43	18181.96	17583.46	17368.36
G 45.0	32523.27	41503.07	32523.27	26080.69	21043.42	18545.65	17325.01	16592.24	16204.63	16078.76
G 50.0	28464.24	37431.66	28464.24	22569.83	18461.10	16765.12	15988.39	15386.99	14997.86	14859.00
G 55.0	24564.42	32692.93	24564.42	19751.26	16841.90	15472.46	14774.30	14273.77	13884.95	13726.97
G 60.0	21224.55	28084.33	21224.55	17643.21	15567.01	14382.51	13683.10	13224.92	12893.68	12744.05
G 65.0	18682.38	25256.96	18682.38	15698.06	14172.21	13377.15	12855.13	12399.91	11999.60	11852.24
G 70.0	16480.14	21777.20	16480.14	14369.80	13292.09	12602.28	12048.28	11587.20	11274.51	11154.27
G 75.0	14983.60	20470.42	14983.60	13096.84	12226.61	11794.70	11396.00	10957.02	10600.80	10446.99
G 80.0	13180.91	18583.38	13180.91	12057.21	11653.03	11200.68	10760.37	10358.80	9988.40	9816.89
G 85.0	11628.09	16624.63	11628.09	11229.82	11134.58	10666.19	10184.49	9807.69	9486.93	9320.11
G 90.0	10989.35	28872.23	10989.35	10664.56	10613.30	10362.47	9989.98	9578.68	9205.80	9008.31

Luminaire

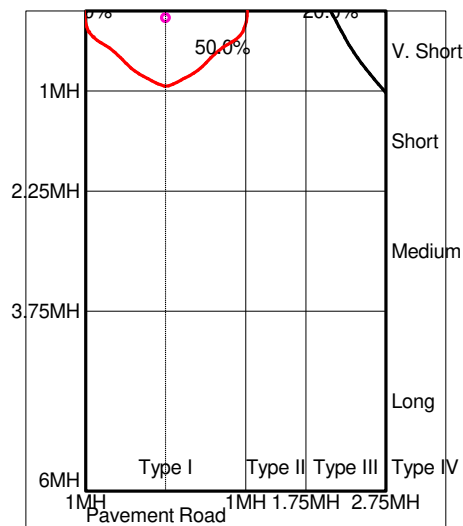
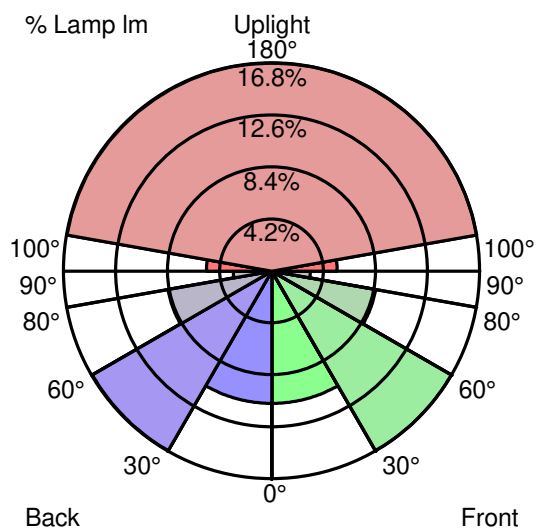
Code 25-2934-BW-M3
Name CIRC

Measurem.

Code 25-2934-BW-M3
Name CIRC

Luminaire Flux	2248 lm	Luminaire Power	27.0 W	Efficacy	83.259 lm/W	Efficiency	100.00%
Source Flux	2248 lm	Maximum value	312.41 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical

US ROAD STANDARDS



Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	239.7 lm	10.7 %	10.7 %
FM	30° -- 60°	375.6 lm	16.7 %	16.7 %
FH	60° -- 80°	191.2 lm	8.5 %	8.5 %
FVH	80° -- 90°	69.7 lm	3.1 %	3.1 %
BL	0° -- 30°	239.7 lm	10.7 %	10.7 %
BM	30° -- 60°	375.6 lm	16.7 %	16.7 %
BH	60° -- 80°	191.2 lm	8.5 %	8.5 %
BVH	80° -- 90°	69.7 lm	3.1 %	3.1 %
UL	90° -- 100°	118.6 lm	5.3 %	5.3 %
UH	100° -- 180°	377.1 lm	16.8 %	16.8 %
TOTALS		2248.0 lm	100.0 %	100.0 %
BUG B1 U3 G1 Type II Very Short Asymmetrical				