Luminaire
Code 05-A078-60-60_2700K
Name Perlina
Measurem.
Code 05-A078-60-60_2700K
Name Perlina

Luminaire Flux	375 lm	Luminaire Power	8.8 W	Efficacy	42.625 lm/W	Efficiency	100.00%
Source Flux	375 lm	Maximum value	162.26 cd/klm	Position	C=0.00 G=71.00	CG	Rotosymmetrical

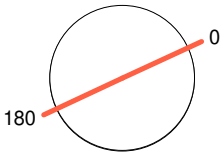
Round Luminaire	Diam. 118 mm	Height	1 mm
Round Luminous Area	Diam. 118 mm	Height	0 mm
Horizontal Luminous Area	0.010936 m2	Emitting area on Plane 180°	0.000000 m2
Emitting area on Plane 0°	0.000000 m2	Emitting area on Plane 270°	0.000000 m2
Emitting area on Plane 90°	0.000000 m2	Glare area at 76°	0.002646 m2
Coordinate system	CG	Symmetry Type	Rotosymmetrical
Date	07-07-2022	Maximum Gamma Angle	90
Measurement Distance	0.00	Measurement Flux	341 lm
Operator	qualitat	Rated Voltage	
Temperature		Rated Current	
Humidity		Photocell	
Notes			

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	LED	LED	375.10	8.80	1

C.I.E.	24 49 75 100 100	D DIN 5040	A10
F UTE	1.00 J	B NBN	BZ 8

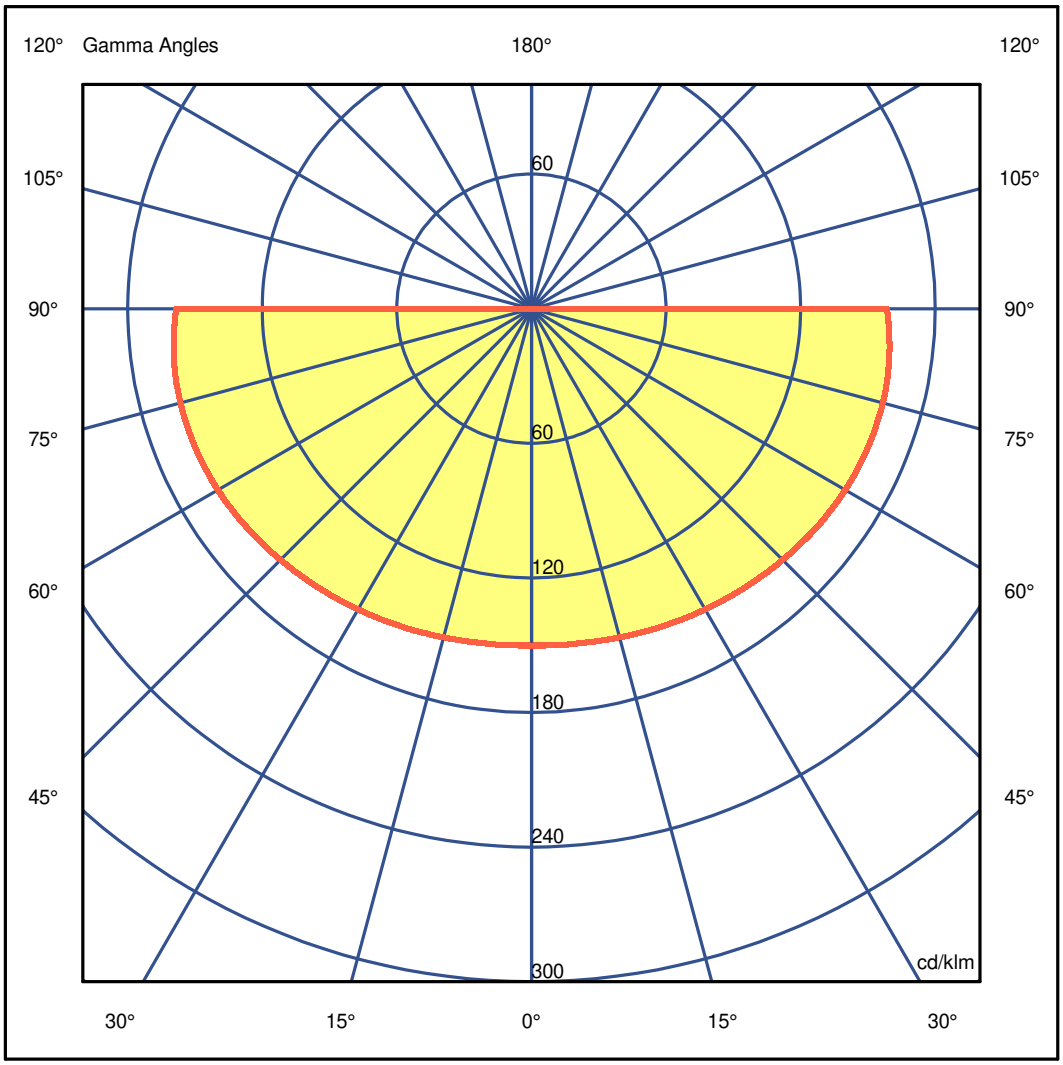
Diam=118mm



C Halfplanes

180.0 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



LedsC4

Luminaire
Code 05-A078-60-60_2700K
Name Perlina
Measurem.
Code 05-A078-60-60_2700K
Name Perlina

Luminaire Flux	375 lm	Luminaire Power	8.8 W	Efficacy	42.625 lm/W	Efficiency	100.00%
Source Flux	375 lm	Maximum value	162.26 cd/klm	Position	C=0.00 G=71.00	CG	Rotosymmetrical

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

	C 0.00		C 0.00
G 0.0	150.17	G 46.0	158.56
G 1.0	150.16	G 47.0	158.76
G 2.0	150.16	G 48.0	159.05
G 3.0	150.18	G 49.0	159.25
G 4.0	150.22	G 50.0	159.52
G 5.0	150.34	G 51.0	159.74
G 6.0	150.45	G 52.0	159.95
G 7.0	150.51	G 53.0	160.20
G 8.0	150.58	G 54.0	160.43
G 9.0	150.73	G 55.0	160.59
G 10.0	150.83	G 56.0	160.83
G 11.0	150.98	G 57.0	160.98
G 12.0	151.17	G 58.0	161.17
G 13.0	151.29	G 59.0	161.32
G 14.0	151.47	G 60.0	161.44
G 15.0	151.61	G 61.0	161.63
G 16.0	151.80	G 62.0	161.75
G 17.0	152.00	G 63.0	161.83
G 18.0	152.18	G 64.0	161.95
G 19.0	152.36	G 65.0	162.06
G 20.0	152.58	G 66.0	162.13
G 21.0	152.78	G 67.0	162.17
G 22.0	152.98	G 68.0	162.20
G 23.0	153.19	G 69.0	162.23
G 24.0	153.42	G 70.0	162.25
G 25.0	153.59	G 71.0	162.26
G 26.0	153.85	G 72.0	162.24
G 27.0	154.05	G 73.0	162.21
G 28.0	154.27	G 74.0	162.17
G 29.0	154.49	G 75.0	162.09
G 30.0	154.72	G 76.0	161.99
G 31.0	154.94	G 77.0	161.91
G 32.0	155.17	G 78.0	161.80
G 33.0	155.42	G 79.0	161.61
G 34.0	155.62	G 80.0	161.44
G 35.0	155.88	G 81.0	161.22
G 36.0	156.10	G 82.0	161.02
G 37.0	156.37	G 83.0	160.69
G 38.0	156.59	G 84.0	160.48
G 39.0	156.86	G 85.0	160.13
G 40.0	157.06	G 86.0	159.81
G 41.0	157.32	G 87.0	159.52
G 42.0	157.56	G 88.0	159.15
G 43.0	157.81	G 89.0	158.79
G 44.0	158.08	G 90.0	158.42
G 45.0	158.28		

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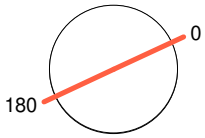
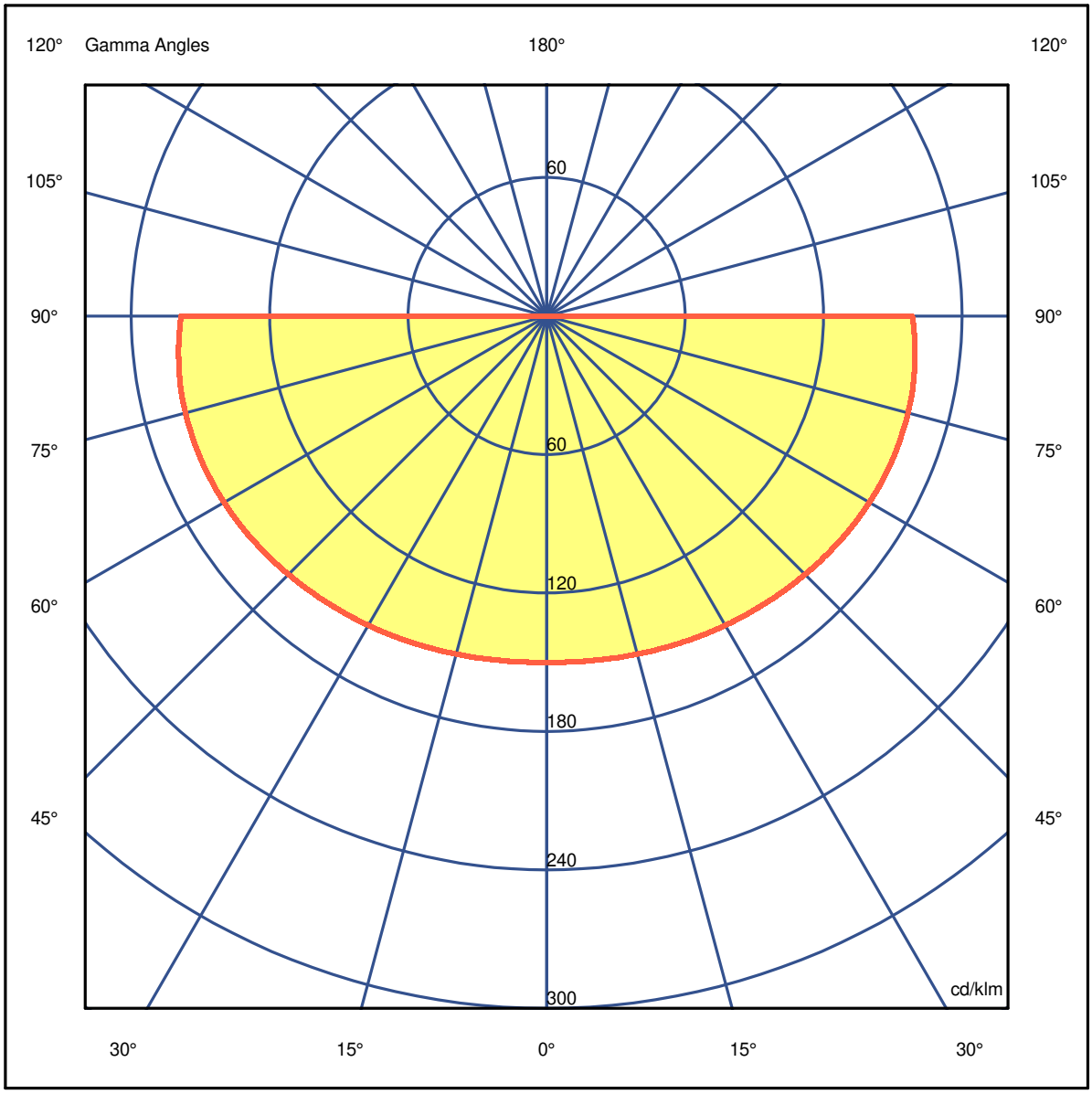
Source Flux	375 lm	Maximum value	162.26 cd/klm	Position	C=0.00 G=71.00	CG	Rotosymmetrical

Diam=118mm



C Halfplanes



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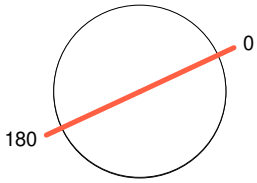
Diam=118mm



C Halfplanes

LedsC4

Luminaire
Code 05-A078-60-60_2700K
Name Perlina
Measurem.
Code 05-A078-60-60_2700K
Name Perlina

Luminaire Flux	375 lm	Luminaire Power	8.8 W	Efficacy	42.625 lm/W	Efficiency	100.00%
Source Flux	375 lm	Maximum value	162.26 cd/klm	Position	C=0.00 G=71.00	CG	Rotosymmetrical

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	Lateral View					Viewed Endwise				
x=2H y=2H	20.4	22.2	20.8	22.4	22.7	20.4	22.2	20.8	22.4	22.7
x=2H y=3H	23.8	25.4	24.1	25.7	26.0	23.8	25.4	24.1	25.7	26.0
x=2H y=4H	25.6	27.2	26.0	27.5	27.8	25.6	27.2	26.0	27.5	27.8
x=2H y=6H	27.7	29.2	28.1	29.5	29.9	27.7	29.2	28.1	29.5	29.9
x=2H y=8H	28.9	30.3	29.3	30.7	31.0	28.9	30.3	29.3	30.7	31.0
x=2H y=12H	30.2	31.6	30.6	31.9	32.3	30.2	31.6	30.6	31.9	32.3
x=4H y=2H	21.6	23.2	22.0	23.5	23.8	21.6	23.2	22.0	23.5	23.8
x=4H y=3H	25.1	26.5	25.5	26.8	27.2	25.1	26.5	25.5	26.8	27.2
x=4H y=4H	27.1	28.4	27.6	28.8	29.2	27.1	28.4	27.6	28.8	29.2
x=4H y=6H	29.4	30.6	29.8	31.0	31.4	29.4	30.6	29.8	31.0	31.4
x=4H y=8H	30.7	31.8	31.1	32.2	32.6	30.7	31.8	31.1	32.2	32.6
x=4H y=12H	32.1	33.1	32.6	33.5	34.0	32.1	33.1	32.6	33.5	34.0
x=8H y=4H	28.0	29.1	28.4	29.5	29.9	28.0	29.1	28.4	29.5	29.9
x=8H y=6H	30.5	31.5	31.0	31.9	32.4	30.5	31.5	31.0	31.9	32.4
x=8H y=8H	32.0	32.9	32.5	33.3	33.8	32.0	32.9	32.5	33.3	33.8
x=8H y=12H	33.7	34.4	34.1	34.9	35.4	33.7	34.4	34.1	34.9	35.4
x=12H y=4H	28.2	29.3	28.7	29.7	30.2	28.2	29.3	28.7	29.7	30.2
x=12H y=6H	30.9	31.8	31.4	32.2	32.7	30.9	31.8	31.4	32.2	32.7
x=12H y=8H	32.5	33.3	33.0	33.7	34.3	32.5	33.3	33.0	33.7	34.3

LedsC4

Luminaire
Code 05-A078-60-60_2700K
Name Perlina
Measurem.
Code 05-A078-60-60_2700K
Name Perlina

Luminaire Flux	375 lm	Luminaire Power	8.8 W	Efficacy	42.625 lm/W	Efficiency	100.00%
Source Flux	375 lm	Maximum value	162.26 cd/klm	Position	C=0.00 G=71.00	CG	Rotosymmetrical

Total Flux=375.10 Luminaire Flux=375.10

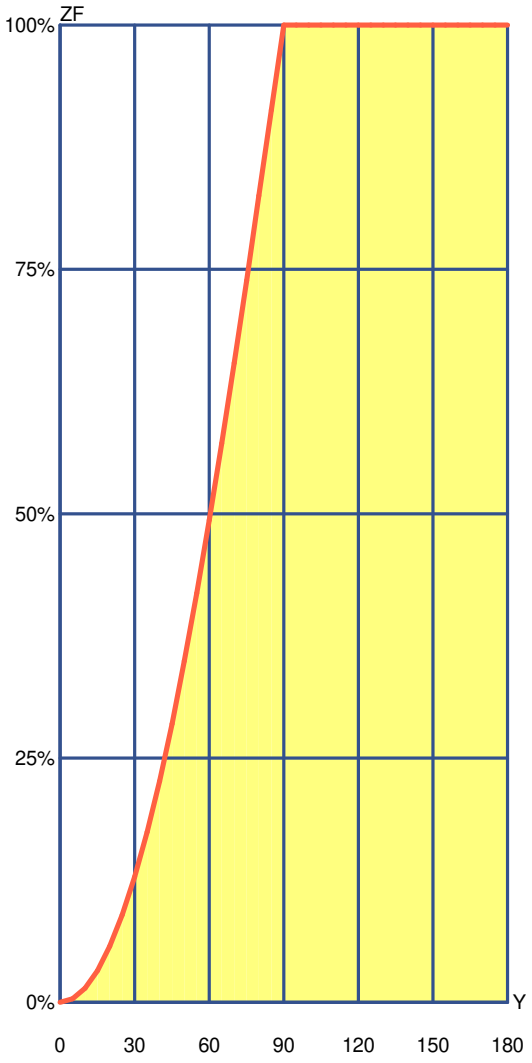
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.15	0.21	0.26	0.32	0.37	0.45	0.52	0.56	0.63	0.68	0.80	0.88
RC	9	9	9	9	9	9	9	9	9	9	9	9

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)	14	57	129	226	349	493	654	825	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes
24 49 75 100 100

C.I.E.	9	LOR	100.00000 %
D DIN 5040	A10	ULOR	0.00000 %
F UTE	1.00 J	DLOR	100.00000 %
B NBN	BZ 8	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	3.59	3.59	0.36 %	0.36 %
10°	10.77	14.37	1.08 %	1.44 %
15°	17.94	32.31	1.79 %	3.23 %
20°	25.07	57.38	2.51 %	5.74 %
25°	32.12	89.50	3.21 %	8.95 %
30°	39.02	128.52	3.90 %	12.85 %
35°	45.74	174.26	4.57 %	17.43 %
40°	52.22	226.48	5.22 %	22.65 %
45°	58.40	284.88	5.84 %	28.49 %
50°	64.22	349.10	6.42 %	34.91 %
55°	69.61	418.71	6.96 %	41.87 %
60°	74.46	493.17	7.45 %	49.32 %
65°	78.66	571.83	7.87 %	57.18 %
70°	82.13	653.96	8.21 %	65.40 %
75°	84.80	738.76	8.48 %	73.88 %
80°	86.59	825.35	8.66 %	82.54 %
85°	87.41	912.76	8.74 %	91.28 %
90°	87.24	1000.00	8.72 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

LedsC4

Luminaire
Code 05-A078-60-60_2700K
Name Perlina
Measurem.
Code 05-A078-60-60_2700K
Name Perlina

Luminaire Flux	375 lm	Luminaire Power	8.8 W	Efficacy	42.625 lm/W	Efficiency	100.00%
Source Flux	375 lm	Maximum value	162.26 cd/klm	Position	C=0.00 G=71.00	CG	Rotosymmetrical

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	238	214	200	181	203	172	118	100	101	86	52	39	17	11	80	42	37	14	11	35	11	10	0
0.80	279	256	222	205	243	196	148	130	119	104	64	51	22	16	98	53	48	19	16	45	16	14	0
1.00	307	285	232	217	271	208	172	154	130	117	72	60	27	21	109	62	56	24	20	54	21	18	0
1.25	331	311	236	224	296	215	196	178	139	127	80	68	33	26	119	70	65	29	25	62	26	23	0
1.50	347	330	236	225	314	217	215	198	144	133	86	74	38	31	126	76	71	34	30	68	30	28	0
2.00	367	353	229	221	336	214	243	228	148	139	93	83	46	40	132	84	80	42	38	76	39	36	0
2.50	378	366	221	215	350	208	263	249	148	142	97	89	53	47	135	89	85	49	45	82	45	42	0
3.00	386	375	213	208	359	203	278	265	148	142	100	93	58	52	136	93	89	54	50	86	50	47	0
4.00	394	386	201	197	369	192	299	288	146	141	104	98	66	61	136	97	95	62	59	91	59	55	0
5.00	399	392	191	188	375	184	313	304	143	140	106	101	72	67	135	100	98	68	65	95	64	61	0
10.00	404	401	163	162	385	160	344	339	134	132	109	107	86	83	128	105	104	82	81	101	80	77	0
20.00	404	402	143	142	386	140	362	359	125	124	110	108	95	93	121	106	106	92	91	103	90	87	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	536	523	489	479	516	474	407	399	382	376	320	316	276	274	373	316	314	275	274	313	274	273	254
0.80	628	614	563	553	604	546	491	482	455	448	391	385	342	340	443	385	383	340	339	381	339	338	315
1.00	700	686	619	610	673	602	561	551	514	507	449	442	398	395	500	442	440	396	394	437	394	393	368
1.25	773	759	675	667	743	657	634	623	574	567	510	503	459	455	559	502	499	456	454	496	453	451	423
1.50	832	819	720	713	801	703	696	684	624	618	561	555	510	506	608	553	550	507	505	546	504	501	471
2.00	920	909	786	781	888	770	791	779	700	694	641	635	592	587	683	631	629	587	585	623	583	580	546
2.50	987	977	837	833	954	822	864	854	758	753	704	698	656	652	741	693	691	651	649	684	646	642	606
3.00	1000	1000	879	875	1000	864	924	914	806	802	755	750	710	706	789	744	742	704	702	735	699	695	655
4.00	1000	1000	948	946	1000	935	1000	1000	885	882	840	835	799	795	868	828	826	792	790	818	786	780	738
5.00	1000	1000	1000	1000	1000	993	1000	1000	948	945	908	904	870	867	932	896	894	863	861	885	856	849	805
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

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	482	468	449	438	459	431	326	318	314	307	234	229	177	175	302	229	228	175	174	226	174	174	153
0.80	577	561	531	519	547	510	408	398	390	381	304	297	239	236	374	296	294	237	235	291	235	234	211
1.00	653	637	595	584	619	571	479	466	453	444	365	357	296	292	434	355	352	293	291	348	290	289	265
1.25	729	712	657	646	690	632	552	538	517	508	429	420	358	353	495	417	414	353	351	408	350	347	323
1.50	788	772	704	694	747	678	612	598	569	560	481	472	410	405	544	468	465	404	402	458	400	396	372
2.00	877	863	773	765	832	748	707	693	649	640	566	557	496	491	622	550	547	489	486	538	483	478	454
2.50	939	926	819	813	892	795	777	763	705	698	628	620	561	555	677	611	607	553	549	596	545	538	516
3.00	984	973	853	847	936	829	829	816	747	740	675	667	612	606	718	657	654	602	598	641	593	585	563
4.00	1000	1000	897	893	996	875	904	892	805	799	741	734	684	678	776	722	719	672	669	704	661	652	631
5.00	1000	1000	926	923	1000	905	954	944	843	839	786	781	734	729	814	766	763	721	718	747	709	698	678
10.00	1000	1000	992	991	1000	974	1000	1000	935	933	897	894	861	857	907	875	874	844	842	855	828	814	797
20.00	1000	1000	1000	1000	1000	1000	1000	1000	993	992	970	968	947	945	967	947	946	928	927	926	910	892	878

LM53 SHR C0-C180: 1.591 SHR C90-C270: 1.591 SHR Square: 1.805

LedsC4

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Measurem.
Code 05-A078-60-60_2700K
Name Perlina

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Source Flux	375 lm	Maximum value	162.26 cd/klm	Position	C=0.00 G=71.00	CG	Rotosymmetrical

Right beam angle not found, gamma = 71

Right beam angle not found, gamma = 71

LedsC4

Luminaire
Code 05-A078-60-60_2700K
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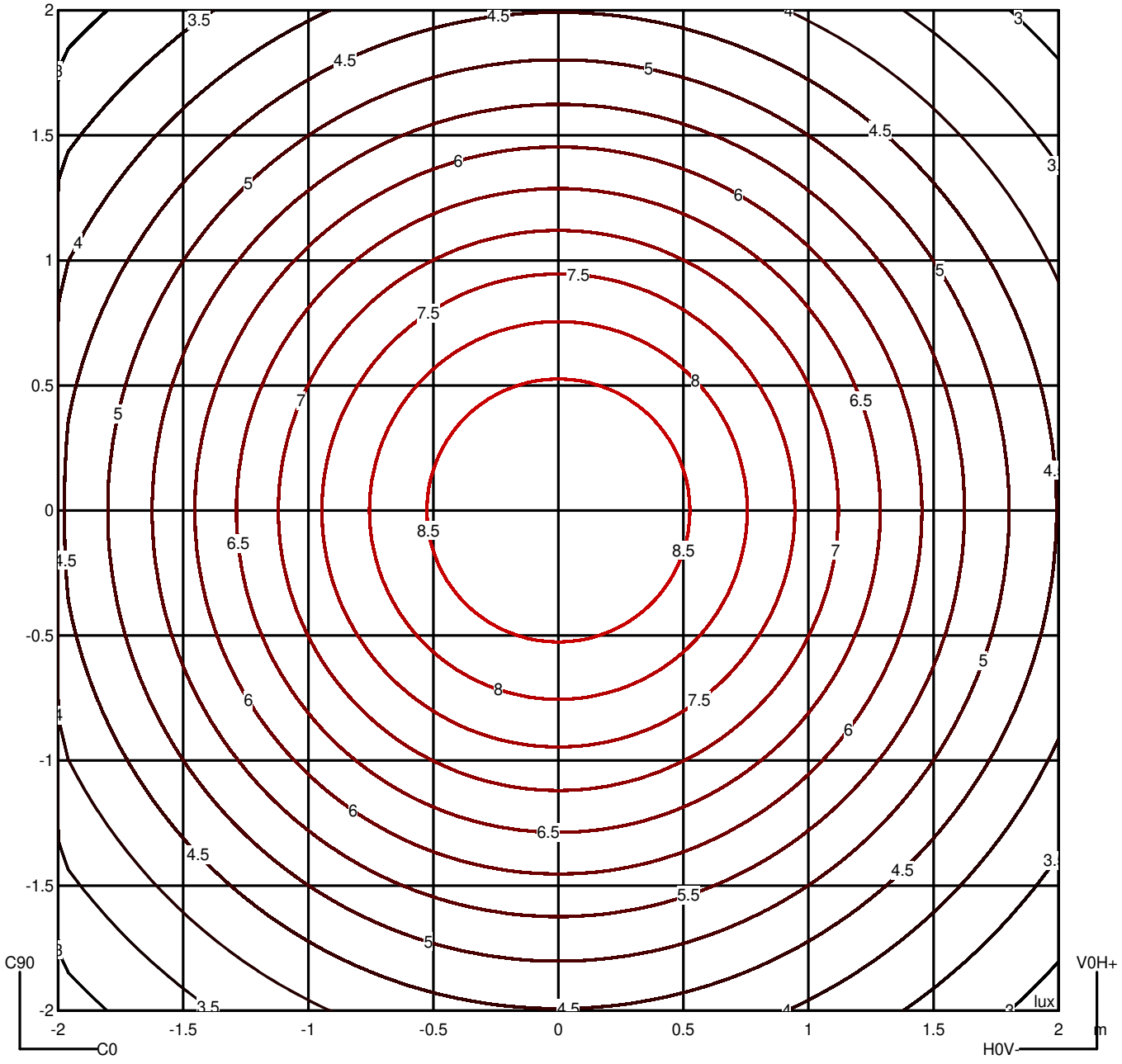
Source Flux	375 lm	Maximum value	162.26 cd/klm	Position	C=0.00 G=71.00	CG	Rotosymmetrical

Isolux (Floor)

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



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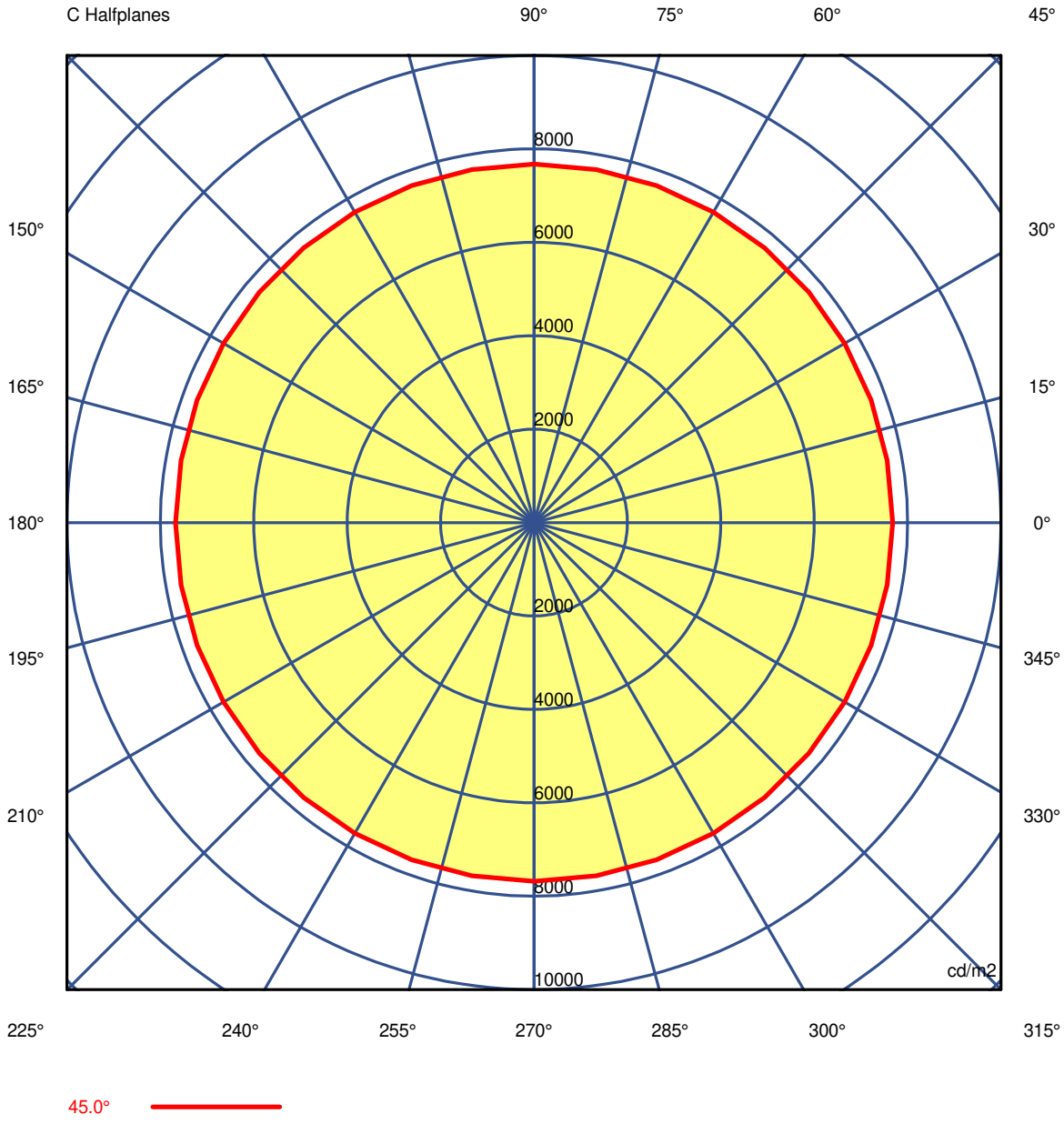
Source Flux	375 lm	Maximum value	162.26 cd/klm	Position	C=0.00 G=71.00	CG	Rotosymmetrical

Luminance



LedsC4

Luminaire
Code 05-A078-60-60_2700K
Name Perlina
Measurem.
Code 05-A078-60-60_2700K
Name Perlina

Luminaire Flux	375 lm	Luminaire Power	8.8 W	Efficacy	42.625 lm/W	Efficiency	100.00%
Source Flux	375 lm	Maximum value	162.26 cd/klm	Position	C=0.00 G=71.00	CG	Rotosymmetrical

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	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71
G 5.0	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42
G 10.0	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19
G 15.0	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63
G 20.0	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37
G 25.0	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74
G 30.0	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06
G 35.0	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22
G 40.0	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21
G 45.0	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72
G 50.0	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03
G 55.0	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41
G 60.0	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90
G 65.0	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10
G 70.0	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20
G 75.0	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12
G 80.0	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01
G 85.0	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79
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

LedsC4

Luminaire
Code 05-A078-60-60_2700K
Name Perlina
Measurem.
Code 05-A078-60-60_2700K
Name Perlina

Luminaire Flux	375 lm	Luminaire Power	8.8 W	Efficacy	42.625 lm/W	Efficiency	100.00%
Source Flux	375 lm	Maximum value	162.26 cd/klm	Position	C=0.00 G=71.00	CG	Rotosymmetrical

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	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71
G 5.0	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42
G 10.0	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19
G 15.0	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63
G 20.0	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37
G 25.0	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74
G 30.0	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06
G 35.0	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22
G 40.0	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21
G 45.0	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72
G 50.0	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03
G 55.0	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41
G 60.0	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90
G 65.0	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10
G 70.0	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20
G 75.0	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12
G 80.0	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01
G 85.0	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79
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

LedsC4

Luminaire
Code 05-A078-60-60_2700K
Name Perlina
Measurem.
Code 05-A078-60-60_2700K
Name Perlina

Luminaire Flux	375 lm	Luminaire Power	8.8 W	Efficacy	42.625 lm/W	Efficiency	100.00%
Source Flux	375 lm	Maximum value	162.26 cd/klm	Position	C=0.00 G=71.00	CG	Rotosymmetrical

Luminance cd/m2 **Table 3/3**

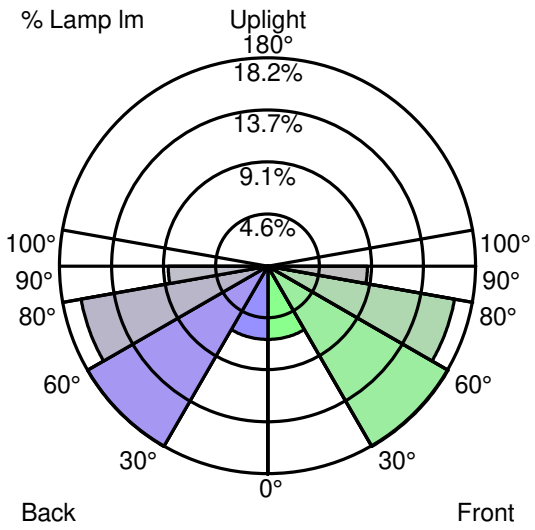
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71	5150.71
G 5.0	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42	5176.42
G 10.0	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19	5253.19
G 15.0	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63	5383.63
G 20.0	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37	5569.37
G 25.0	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74	5812.74
G 30.0	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06	6128.06
G 35.0	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22	6527.22
G 40.0	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21	7032.21
G 45.0	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72	7677.72
G 50.0	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03	8512.03
G 55.0	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41	9603.41
G 60.0	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90	11074.90
G 65.0	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10	13153.10
G 70.0	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20	16271.20
G 75.0	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12	21481.12
G 80.0	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01	31888.01
G 85.0	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79	63017.79
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

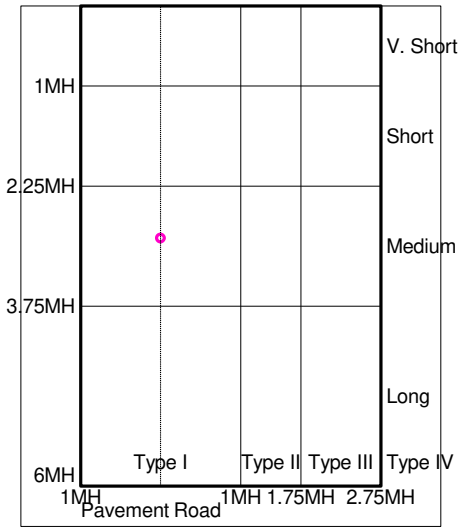
LedsC4

Luminaire
Code 05-A078-60-60_2700K
Name Perlina
Measurem.
Code 05-A078-60-60_2700K
Name Perlina

Luminaire Flux	375 lm	Luminaire Power	8.8 W	Efficacy	42.625 lm/W	Efficiency	100.00%
Source Flux	375 lm	Maximum value	162.26 cd/klm	Position	C=0.00 G=71.00	CG	Rotosymmetrical

US ROAD STANDARDS





Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	24.1 lm	6.4 %	6.4 %
FM	30° -- 60°	68.4 lm	18.2 %	18.2 %
FH	60° -- 80°	62.3 lm	16.6 %	16.6 %
FVH	80° -- 90°	32.7 lm	8.7 %	8.7 %
BL	0° -- 30°	24.1 lm	6.4 %	6.4 %
BM	30° -- 60°	68.4 lm	18.2 %	18.2 %
BH	60° -- 80°	62.3 lm	16.6 %	16.6 %
BVH	80° -- 90°	32.7 lm	8.7 %	8.7 %
UL	90° -- 100°	0.0 lm	0.0 %	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %	0.0 %
TOTALS		375.1 lm	100.0 %	100.0 %
BUG B0 U0 G1 Type V Medium Quadrilateral Symmetry				