

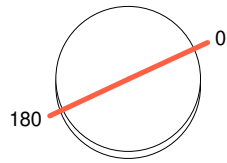
Luminaire

Code DE-0117-NEG
Name MINE
Measurem.
Code DE-0117-NEG
Name MINE

Luminaire Flux	107 lm	Luminaire Power	3.4 W	Efficacy	31.556 lm/W	Efficiency	100.00%
Source Flux	107 lm	Maximum value	5222.22 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical	
Round Luminaire		Diam.	20 mm	Height	53 mm		
Round Luminous Area		Diam.	14 mm	Height	0 mm		
Horizontal Luminous Area		0.000154 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°		0.000037 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		23-09-2022		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		107 lm	
Operator		qualitat		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources						
Line		Code LED	Name LED	Flux [lm]	Pow. [W]	Q.ty
				107.29	3.40	1
C.I.E.	99	100	100	100		
F UTE	--					
			D DIN 5040	A60		
			B NBN	BZ 1		

Diam=20mm



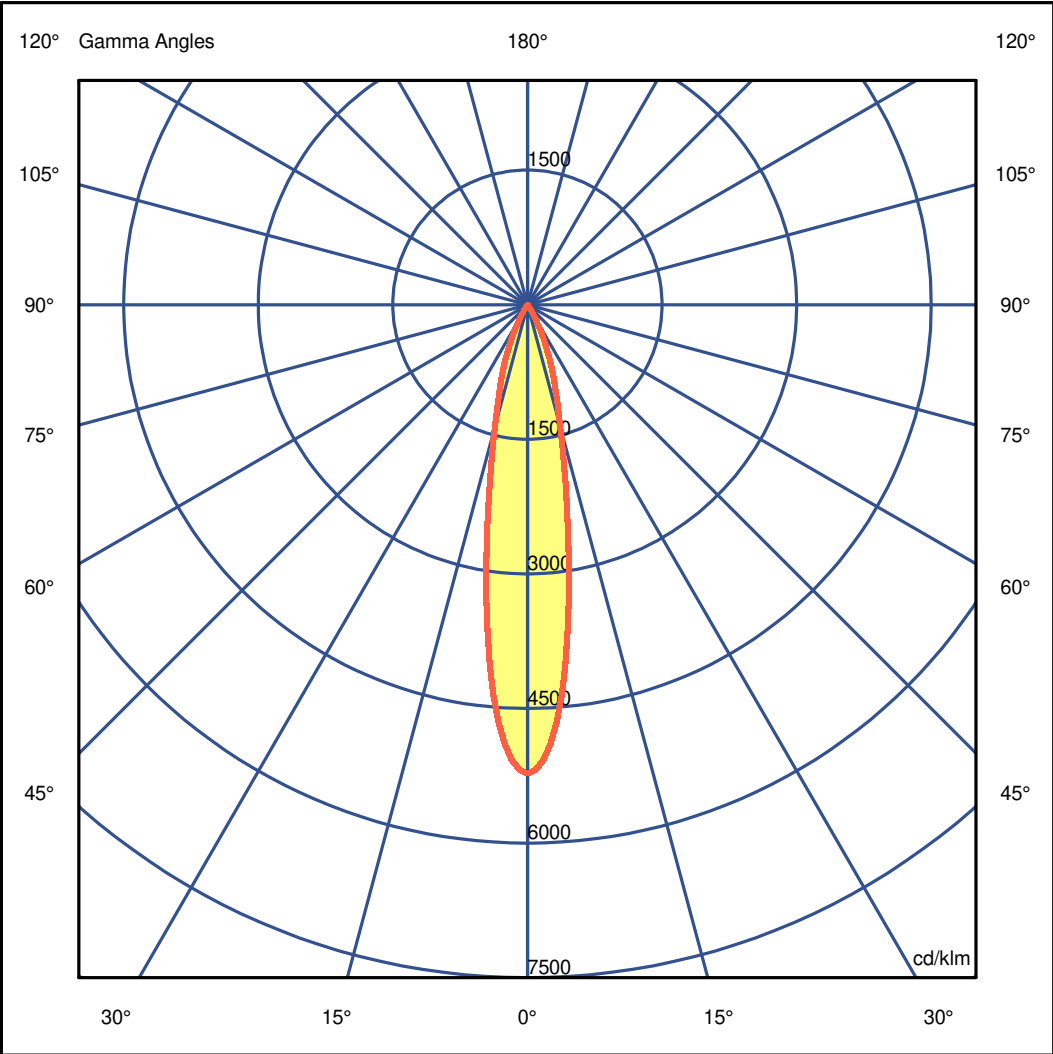
C Halfplanes

180.0 — 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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Luminous Intensity Table cd/klm Table 1/1

	C 0.00		C 0.00
G 0.0	5222.22	G 46.0	8.00
G 1.0	5183.09	G 47.0	5.68
G 2.0	5073.24	G 48.0	3.33
G 3.0	4892.97	G 49.0	2.40
G 4.0	4663.46	G 50.0	1.96
G 5.0	4364.13	G 51.0	1.71
G 6.0	4039.16	G 52.0	1.49
G 7.0	3665.03	G 53.0	1.30
G 8.0	3306.86	G 54.0	1.14
G 9.0	2945.03	G 55.0	1.00
G 10.0	2609.03	G 56.0	0.87
G 11.0	2306.17	G 57.0	0.76
G 12.0	2034.13	G 58.0	0.67
G 13.0	1798.44	G 59.0	0.59
G 14.0	1587.40	G 60.0	0.52
G 15.0	1411.65	G 61.0	0.45
G 16.0	1256.24	G 62.0	0.40
G 17.0	1128.84	G 63.0	0.34
G 18.0	1015.63	G 64.0	0.30
G 19.0	918.14	G 65.0	0.27
G 20.0	832.55	G 66.0	0.24
G 21.0	748.60	G 67.0	0.21
G 22.0	665.60	G 68.0	0.18
G 23.0	576.68	G 69.0	0.16
G 24.0	502.88	G 70.0	0.14
G 25.0	436.94	G 71.0	0.13
G 26.0	376.32	G 72.0	0.11
G 27.0	305.32	G 73.0	0.10
G 28.0	230.43	G 74.0	0.09
G 29.0	168.04	G 75.0	0.08
G 30.0	126.37	G 76.0	0.07
G 31.0	100.11	G 77.0	0.06
G 32.0	79.98	G 78.0	0.05
G 33.0	63.99	G 79.0	0.04
G 34.0	51.20	G 80.0	0.04
G 35.0	42.80	G 81.0	0.03
G 36.0	36.77	G 82.0	0.03
G 37.0	31.92	G 83.0	0.02
G 38.0	27.89	G 84.0	0.02
G 39.0	24.48	G 85.0	0.01
G 40.0	21.66	G 86.0	0.01
G 41.0	19.07	G 87.0	0.01
G 42.0	16.71	G 88.0	0.01
G 43.0	14.33	G 89.0	0.01
G 44.0	12.01	G 90.0	0.01
G 45.0	9.82		

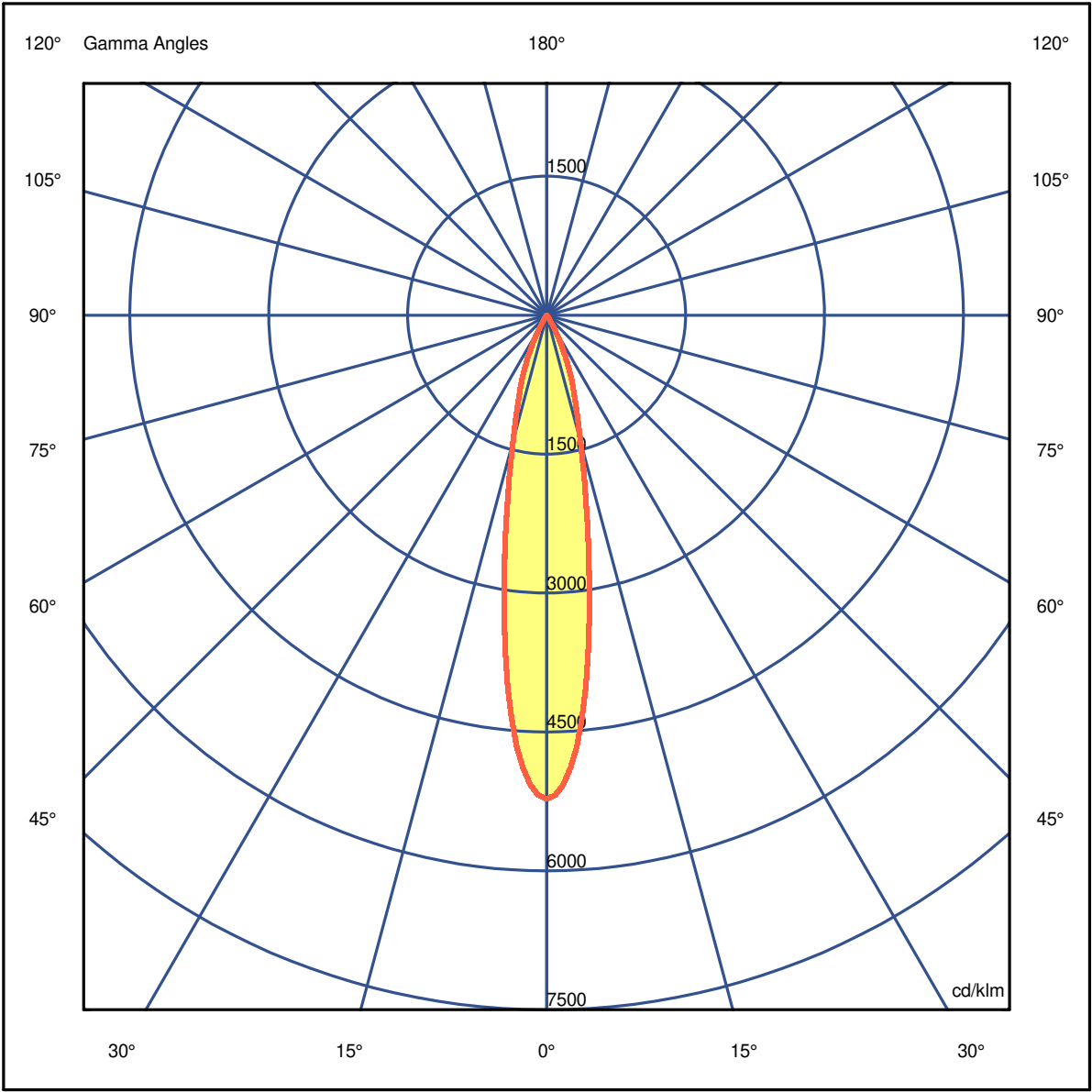
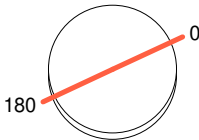
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Diam=20mm

C Halfplanes

180.0 0.0

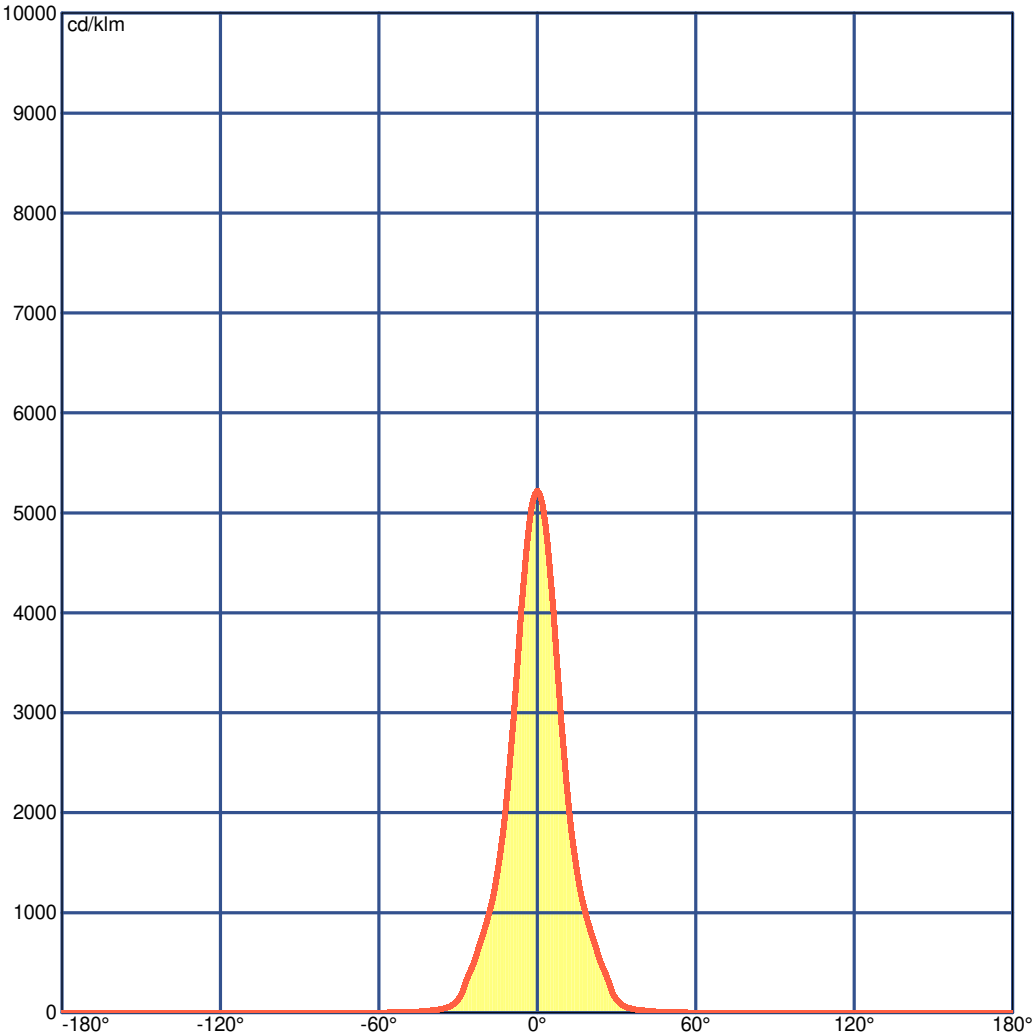
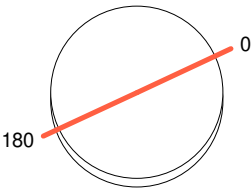


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Source Flux	107 lm	Maximum value	5222.22 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	9.9	10.5	10.1	10.7	10.9	9.9	10.5	10.1	10.7	10.9
x=2H y=3H	9.8	10.3	10.0	10.6	10.8	9.8	10.3	10.0	10.6	10.8
x=2H y=4H	9.7	10.2	10.0	10.5	10.7	9.7	10.2	10.0	10.5	10.7
x=2H y=6H	9.6	10.1	9.9	10.4	10.7	9.6	10.1	9.9	10.4	10.7
x=2H y=8H	9.6	10.0	9.9	10.3	10.6	9.6	10.0	9.9	10.3	10.6
x=2H y=12H	9.5	10.0	9.9	10.3	10.6	9.5	10.0	9.9	10.3	10.6
x=4H y=2H	9.7	10.2	10.0	10.5	10.7	9.7	10.2	10.0	10.5	10.7
x=4H y=3H	9.5	10.0	9.9	10.3	10.6	9.5	10.0	9.9	10.3	10.6
x=4H y=4H	9.5	9.9	9.8	10.2	10.5	9.5	9.9	9.8	10.2	10.5
x=4H y=6H	9.4	9.7	9.8	10.1	10.4	9.4	9.7	9.8	10.1	10.4
x=4H y=8H	9.4	9.6	9.8	10.0	10.4	9.4	9.6	9.8	10.0	10.4
x=4H y=12H	9.3	9.6	9.7	10.0	10.4	9.3	9.6	9.7	10.0	10.4
x=8H y=4H	9.4	9.6	9.8	10.0	10.4	9.4	9.6	9.8	10.0	10.4
x=8H y=6H	9.3	9.5	9.7	9.9	10.3	9.3	9.5	9.7	9.9	10.3
x=8H y=8H	9.2	9.4	9.7	9.8	10.3	9.2	9.4	9.7	9.8	10.3
x=8H y=12H	9.2	9.3	9.6	9.8	10.3	9.2	9.3	9.6	9.8	10.3
x=12H y=4H	9.3	9.6	9.7	10.0	10.4	9.3	9.6	9.7	10.0	10.4
x=12H y=6H	9.2	9.4	9.7	9.8	10.3	9.2	9.4	9.7	9.8	10.3
x=12H y=8H	9.2	9.3	9.6	9.8	10.3	9.2	9.3	9.6	9.8	10.3

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Source Flux	107 lm	Maximum value	5222.22 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

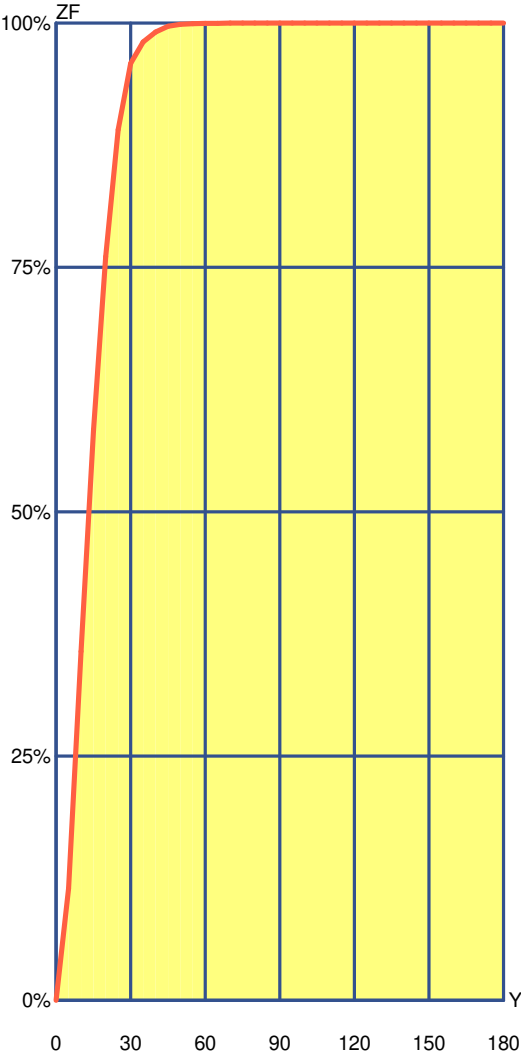
Total Flux=107.29 Luminaire Flux=107.29

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	0.74	0.78	0.83	0.86	0.88	0.93	0.96	0.98	0.99	1.00	1.02	1.02
RC	-	-	-	-	-	-	-	-	-	-	-	-

Zonal Flux per 1000 Lumen												
Y°	10	20	30	40	50	60	70	80	90	100	110	120
ZF(Y)	357	761	959	991	999	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes
99 100 100 100 100

C.I.E.	-/-/-/-/-/-/-/-/-/-	LOR	100.00000 %
D DIN 5040	A60	ULOR	0.00000 %
F UTE	--	DLOR	100.00000 %
B NBN	BZ 1	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°	114.36	114.36	11.44 %	11.44 %
10°	242.81	357.17	24.28 %	35.72 %
15°	226.55	583.72	22.66 %	58.37 %
20°	177.28	761.00	17.73 %	76.10 %
25°	129.82	890.82	12.98 %	89.08 %
30°	67.81	958.63	6.78 %	95.86 %
35°	22.11	980.74	2.21 %	98.07 %
40°	10.17	990.90	1.02 %	99.09 %
45°	5.73	996.64	0.57 %	99.66 %
50°	2.02	998.66	0.20 %	99.87 %
55°	0.62	999.28	0.06 %	99.93 %
60°	0.34	999.61	0.03 %	99.96 %
65°	0.18	999.80	0.02 %	99.98 %
70°	0.10	999.90	0.01 %	99.99 %
75°	0.06	999.95	0.01 %	100.00 %
80°	0.03	999.98	0.00 %	100.00 %
85°	0.01	1000.00	0.00 %	100.00 %
90°	0.00	1000.00	0.00 %	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 %

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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	160	144	89	80	137	77	93	79	49	42	31	23	18	12	39	25	22	14	12	21	12	11	0	
0.80	193	177	97	90	169	86	123	107	59	52	40	32	25	19	49	33	30	21	18	28	18	16	0	
1.00	217	201	99	92	192	88	147	131	64	58	46	38	32	25	54	40	36	28	24	34	24	22	0	
1.25	240	226	100	95	215	91	172	157	70	64	53	45	40	32	60	46	43	35	31	41	31	28	0	
1.50	258	245	101	97	233	93	193	177	74	69	59	51	46	38	65	52	49	41	37	47	37	34	0	
2.00	281	270	99	95	258	92	224	209	78	74	66	60	57	49	70	60	57	51	47	55	47	44	0	
2.50	297	287	96	94	274	91	246	233	81	77	72	66	64	57	73	66	63	59	55	61	55	51	0	
3.00	308	300	95	92	287	90	263	250	82	79	76	70	70	63	76	70	68	65	61	65	61	57	0	
4.00	325	319	95	93	305	91	286	276	86	84	82	77	78	72	80	77	74	73	69	72	69	65	0	
5.00	336	331	95	94	317	92	302	293	89	87	86	82	83	78	83	81	79	79	75	77	75	71	0	
10.00	361	357	96	96	343	94	337	332	94	93	95	92	95	92	90	91	90	91	89	87	88	85	0	
20.00	374	373	98	98	358	96	357	354	98	98	100	99	102	100	95	97	96	99	98	94	96	93	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	275	267	186	181	262	179	206	200	144	141	121	118	104	102	140	119	117	103	102	117	102	101	79
0.80	308	298	198	193	291	190	237	229	159	155	136	132	119	116	153	133	131	117	116	130	116	115	88
1.00	321	312	194	190	302	187	252	243	159	156	139	135	124	120	152	135	133	121	119	131	119	117	87
1.25	337	328	193	190	316	186	270	260	162	159	144	140	130	125	154	139	137	126	124	135	123	121	88
1.50	348	339	191	188	325	183	282	272	163	159	146	142	133	128	154	140	139	129	126	136	125	122	87
2.00	347	339	170	168	323	163	287	277	148	145	136	132	126	120	139	129	127	120	117	123	115	111	72
2.50	339	332	149	147	313	142	284	274	131	128	122	117	113	108	122	114	112	107	104	107	101	97	55
3.00	327	320	126	124	300	120	275	266	112	109	104	100	98	93	102	96	95	91	88	89	85	79	36
4.00	317	312	104	102	289	98	270	262	92	90	88	84	83	79	82	78	77	75	72	71	68	61	15
5.00	306	301	84	83	277	78	261	254	74	73	71	68	68	64	64	61	60	59	57	53	51	44	0
10.00	232	229	0	0	202	0	195	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20.00	96	94	0	0	64	0	63	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	913	904	852	847	898	844	831	824	800	796	770	767	748	746	794	767	766	746	746	765	746	745	737
0.80	975	964	898	893	954	888	887	878	846	842	817	812	794	791	839	812	810	791	790	809	790	788	780
1.00	1000	1000	938	933	1000	928	942	932	891	887	864	859	842	838	882	858	856	839	836	853	836	834	826
1.25	1000	1000	968	963	1000	957	987	975	925	920	900	894	880	874	914	892	890	875	872	886	870	867	860
1.50	1000	1000	989	985	1000	978	1000	1000	949	945	927	920	908	902	937	917	915	901	898	910	896	891	884
2.00	1000	1000	1000	1000	1000	1000	1000	1000	990	985	972	966	957	950	975	961	958	948	944	952	941	935	928
2.50	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	996	990	983	1000	989	987	980	976	978	970	962	956
3.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	998	998	992	982	976
4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	992
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
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

LM53 SHR C0-C180: 0.335 SHR C90-C270: 0.335 SHR Square: 0.382

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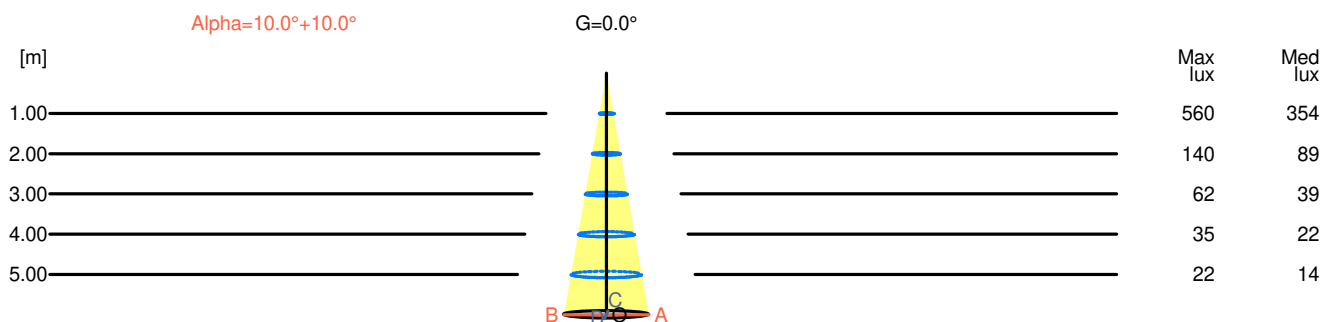
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Width at 50.00 % of Max Intensity

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	0.18	0.35	0.53	0.70	0.88	OC	0.18	0.35	0.53	0.70	0.88
OB	0.18	0.35	0.53	0.70	0.88	OD	0.18	0.35	0.53	0.70	0.88

	0	5	15	25	35	45	55	65	75	85
OA	560.29	468.23	151.46	46.88	4.59	1.05	0.11	0.03	0.01	0.00
OB	560.29	468.23	151.46	46.88	4.59	1.05	0.11	0.03	0.01	0.00
OC	560.29	468.23	151.46	46.88	4.59	1.05	0.11	0.03	0.01	0.00
OD	560.29	468.23	151.46	46.88	4.59	1.05	0.11	0.03	0.01	0.00



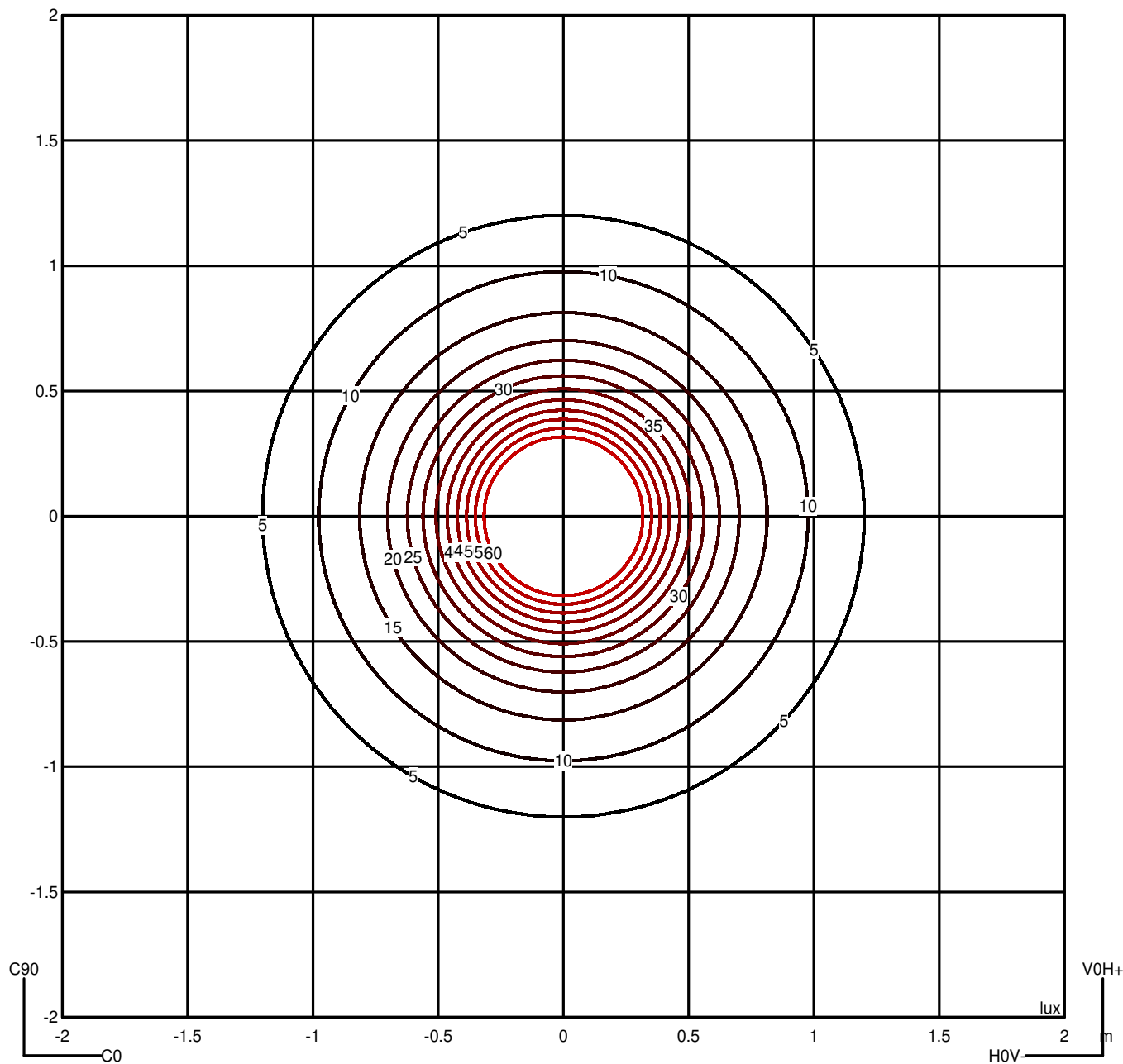
H[m]	D[m]	Max lux	Med lux	Alpha=10.0°+10.0°	G=0.0	
1.00	0.35	560	354			
2.00	0.70	140	89			
3.00	1.06	62	39			
4.00	1.41	35	22			
5.00	1.76	22	14			

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Source Flux	107 lm	Maximum value	5222.22 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Isolux (Floor)

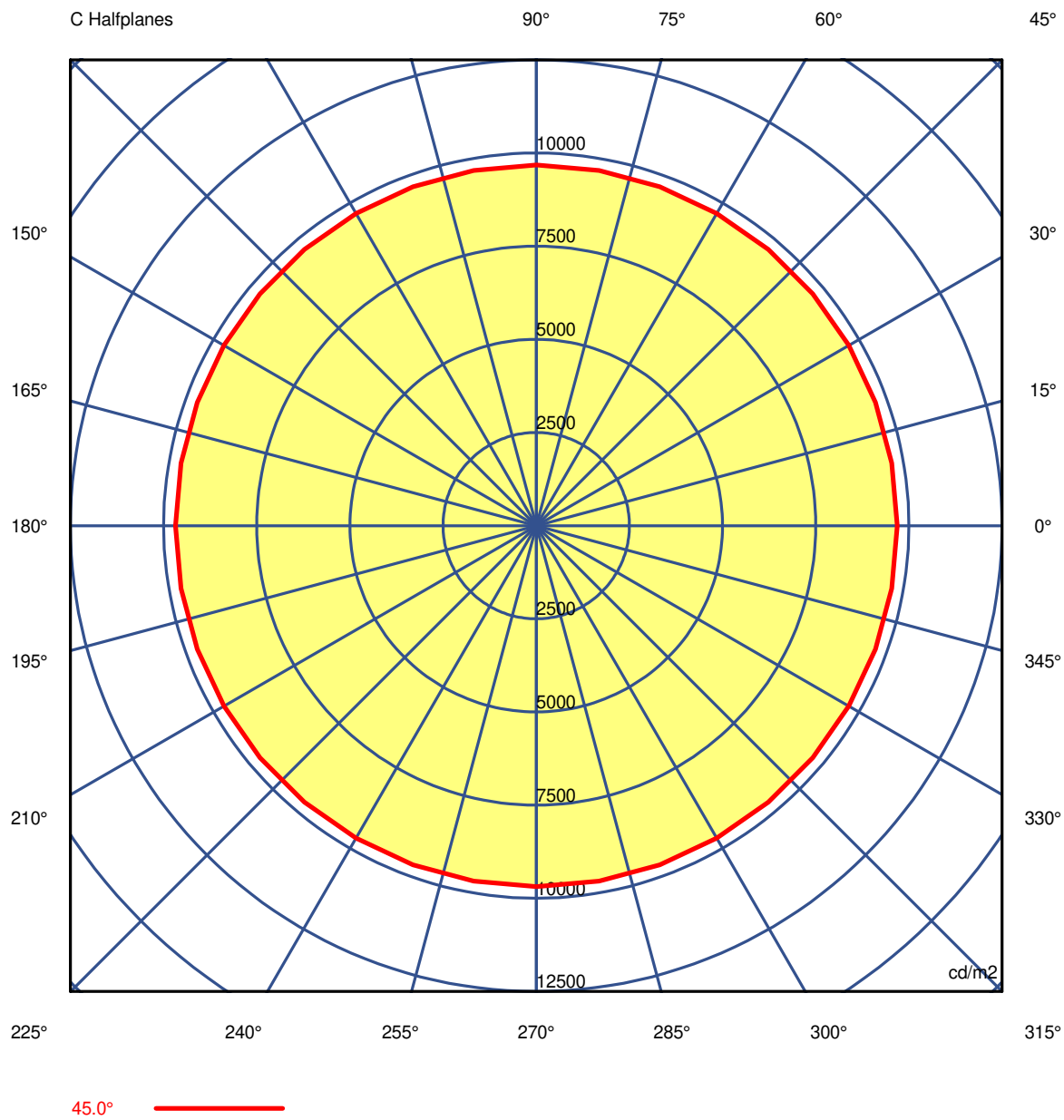
Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire
Code DE-0117-NEG
Name MINE
Measurem.
Code DE-0117-NEG
Name MINE

Luminaire Flux	107 lm	Luminaire Power	3.4 W	Efficacy	31.556 lm/W	Efficiency	100.00%
Source Flux	107 lm	Maximum value	5222.22 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Luminance



Luminaire

Code DE-0117-NEG
Name MINE

Measurem.

Code DE-0117-NEG
Name MINE

Luminaire Flux	107 lm		Luminaire Power		3.4 W		Efficacy		31.556 lm/W		Efficiency		100.00%
Source Flux	107 lm		Maximum value		5222.22 cd/klm		Position		C=0.00 G=0.00		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	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88
G 5.0	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20
G 10.0	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71
G 15.0	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02
G 20.0	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75
G 25.0	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70
G 30.0	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21
G 35.0	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18
G 40.0	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85
G 45.0	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13
G 50.0	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03
G 55.0	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91
G 60.0	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89
G 65.0	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28
G 70.0	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25
G 75.0	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34
G 80.0	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99
G 85.0	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15
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

Luminaire

Code DE-0117-NEG
Name MINE

Measurem.

Code DE-0117-NEG
Name MINE

Luminaire Flux		107 lm		Luminaire Power		3.4 W		Efficacy		31.556 lm/W		Efficiency		100.00%													
Source Flux		107 lm		Maximum value		5222.22 cd/klm		Position		C=0.00 G=0.00		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	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88
G 5.0	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20
G 10.0	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71
G 15.0	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02
G 20.0	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75
G 25.0	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70
G 30.0	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21
G 35.0	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18
G 40.0	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85
G 45.0	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13
G 50.0	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03
G 55.0	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91
G 60.0	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89
G 65.0	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28
G 70.0	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25
G 75.0	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34
G 80.0	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99
G 85.0	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15
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	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	0.00

Luminaire

Code DE-0117-NEG
Name MINE

Measurem.

Code DE-0117-NEG
Name MINE

Luminaire Flux	107 lm	Luminaire Power	3.4 W	Efficacy	31.556 lm/W	Efficiency	100.00%
Source Flux	107 lm	Maximum value	5222.22 cd/klm	Position	C=0.00 G=0.00	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	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88	3639727.88
G 5.0	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20	3053281.20
G 10.0	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71	1846464.71
G 15.0	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02	1018585.02
G 20.0	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75	617497.75
G 25.0	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70	336017.70
G 30.0	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21	101705.21
G 35.0	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18	36412.18
G 40.0	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85	19707.85
G 45.0	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13	9683.13
G 50.0	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03	2123.03
G 55.0	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91	1210.91
G 60.0	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89	717.89
G 65.0	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28	441.28
G 70.0	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25	288.25
G 75.0	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34	202.34
G 80.0	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99	149.99
G 85.0	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15	117.15
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire

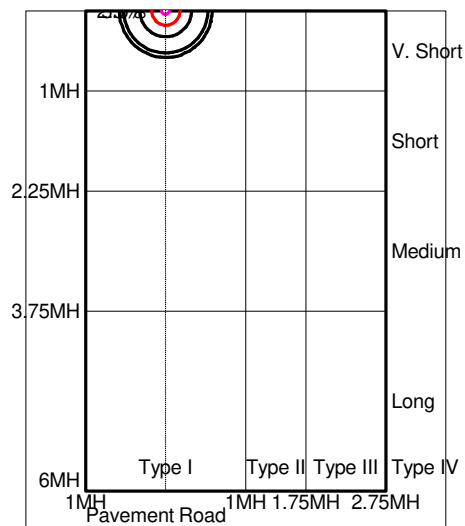
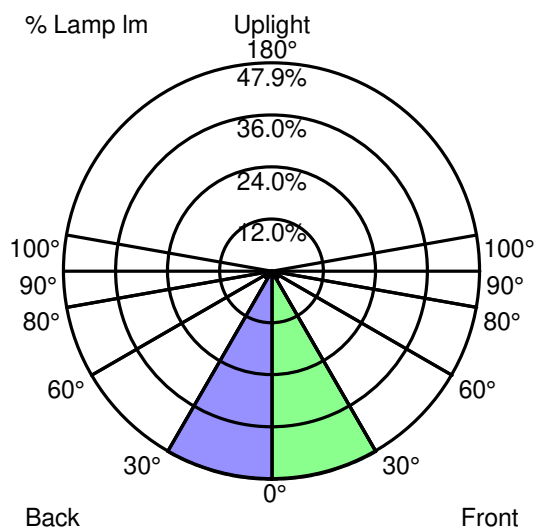
Code DE-0117-NEG
Name MINE

Measurement

Code DE-0117-NEG
Name MINE

Luminaire Flux	107 lm	Luminaire Power	3.4 W	Efficacy	31.556 lm/W	Efficiency	100.00%
Source Flux	107 lm	Maximum value	5222.22 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

US ROAD STANDARDS



Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	51.4 lm	47.9 %	47.9 %
FM	30° -- 60°	2.2 lm	2.0 %	2.0 %
FH	60° -- 80°	0.0 lm	0.0 %	0.0 %
FVH	80° -- 90°	0.0 lm	0.0 %	0.0 %
BL	0° -- 30°	51.4 lm	47.9 %	47.9 %
BM	30° -- 60°	2.2 lm	2.0 %	2.0 %
BH	60° -- 80°	0.0 lm	0.0 %	0.0 %
BVH	80° -- 90°	0.0 lm	0.0 %	0.0 %
UL	90° -- 100°	0.0 lm	0.0 %	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %	0.0 %
TOTALS		107.3 lm	100.0 %	100.0 %
BUG B0 U0 G0 Type V Very Short Quadrilateral Symmetry				