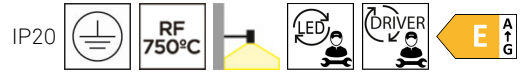
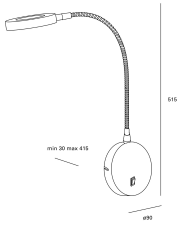


**DE-0002-SAT**

Reading lights Llit LED 3.3W 4000K ON-OFF Satin nickel 296lm

**TECHNICAL FEATURES**



Luminaire total power : 4.7W

Real lumens : 296

Nominal lumens : 445

Real lm/W : 63

Lens / reflector angle : HORIZONTAL 105°

Structure material : Steel

Structure finish : Satin nickel

Diffuser material : Methacrylate

Diffuser finish : Sandblasted

Voltage / frequency : 100-240V ~ 50/60Hz

Dimming protocol : ON-OFF

Power Factor : 0.40

Useful life : 36.000h L70B30

Warranty : 2 Years

Easily recyclable luminaire

**LUMINOTECHNIC FEATURES**

CRI: 80

MacAdam steps: 3

Photobiological risk: RG0

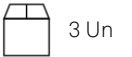
Lampholder	Quantity	Light source power (W)	Correlated Colour Temperature (CCT)
LED	1	3.3W	4000K

**LOGISTICS**

Net weight (kg): 0.35

Packaged weight (kg): 0.5

Packaging: 180mm x 60mm x 180mm





## Luminaire

Code DE-0002-SAT  
Name Llit

## Measurement

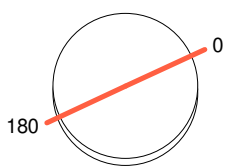
Code DE-0002-SAT  
Name Llit

Luminaire Flux	296 lm	Luminaire Power	4.7 W	Efficacy	62.957 lm/W	Efficiency	100.00%
Source Flux	296 lm	Maximum value	375.35 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	75 mm	Height	15 mm		
Round Luminous Area		Diam.	73 mm	Height	0 mm		
Horizontal Luminous Area		0.004185 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°		0.001013 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		21-02-2024		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		296 lm	
Operator		qualitat		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

## Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
			295.90	4.70	1
C.I.E.	48 79 95 100 100	D DIN 5040	A30		
F UTE	1.00 E	B NBN	BZ 4		

Diam=75mm



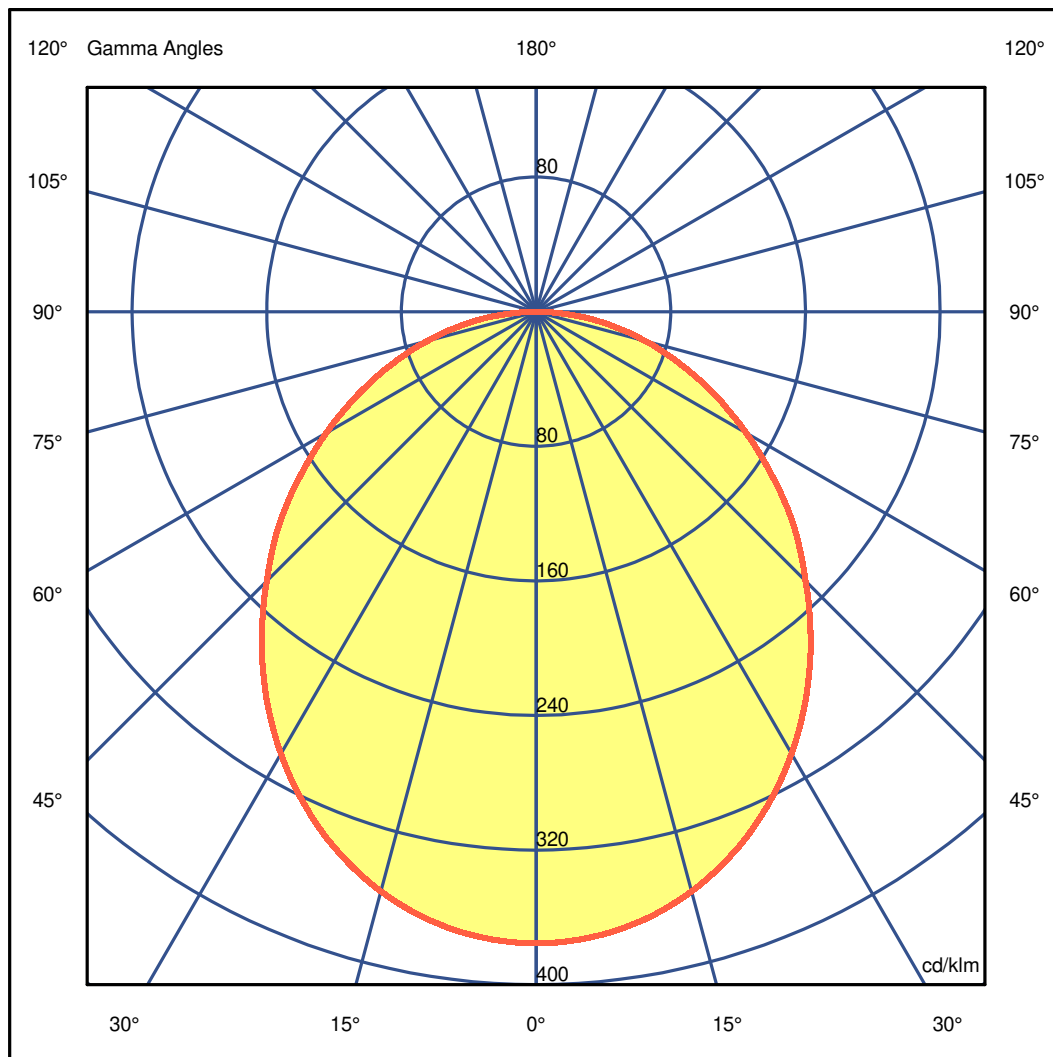
C Halfplanes

180.0 — 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



**Luminaire**

Code DE-0002-SAT  
Name Llit

**Measurem.**

Code DE-0002-SAT  
Name Llit

Luminaire Flux	296 lm	Luminaire Power	4.7 W	Efficacy	62.957 lm/W	Efficiency	100.00%
Source Flux	296 lm	Maximum value	375.35 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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

	C 0.00	C 0.00
G 0.0	375.35	G 46.0 221.02
G 1.0	375.26	G 47.0 215.87
G 2.0	375.01	G 48.0 210.76
G 3.0	374.58	G 49.0 205.72
G 4.0	374.00	G 50.0 200.50
G 5.0	373.25	G 51.0 194.84
G 6.0	372.35	G 52.0 189.16
G 7.0	371.26	G 53.0 183.52
G 8.0	370.00	G 54.0 177.72
G 9.0	368.56	G 55.0 171.95
G 10.0	366.98	G 56.0 166.22
G 11.0	365.24	G 57.0 160.62
G 12.0	363.32	G 58.0 155.06
G 13.0	361.27	G 59.0 149.54
G 14.0	359.01	G 60.0 144.12
G 15.0	356.62	G 61.0 138.62
G 16.0	354.04	G 62.0 133.23
G 17.0	351.35	G 63.0 127.77
G 18.0	348.49	G 64.0 122.47
G 19.0	345.50	G 65.0 117.16
G 20.0	342.35	G 66.0 111.93
G 21.0	339.01	G 67.0 106.76
G 22.0	335.60	G 68.0 101.63
G 23.0	331.96	G 69.0 96.59
G 24.0	328.29	G 70.0 91.52
G 25.0	324.38	G 71.0 86.58
G 26.0	320.46	G 72.0 81.65
G 27.0	316.34	G 73.0 76.83
G 28.0	312.10	G 74.0 72.01
G 29.0	307.77	G 75.0 67.23
G 30.0	303.29	G 76.0 62.47
G 31.0	298.78	G 77.0 57.71
G 32.0	294.07	G 78.0 53.03
G 33.0	289.36	G 79.0 48.35
G 34.0	284.45	G 80.0 43.76
G 35.0	279.52	G 81.0 39.16
G 36.0	274.48	G 82.0 34.62
G 37.0	269.39	G 83.0 30.10
G 38.0	264.23	G 84.0 25.64
G 39.0	258.98	G 85.0 21.13
G 40.0	253.72	G 86.0 16.51
G 41.0	248.27	G 87.0 12.69
G 42.0	242.86	G 88.0 9.32
G 43.0	237.34	G 89.0 6.24
G 44.0	231.90	G 90.0 3.70
G 45.0	226.39	

# LedsC4

**Luminaire**

Code DE-0002-SAT  
Name Llit

**Measur.**

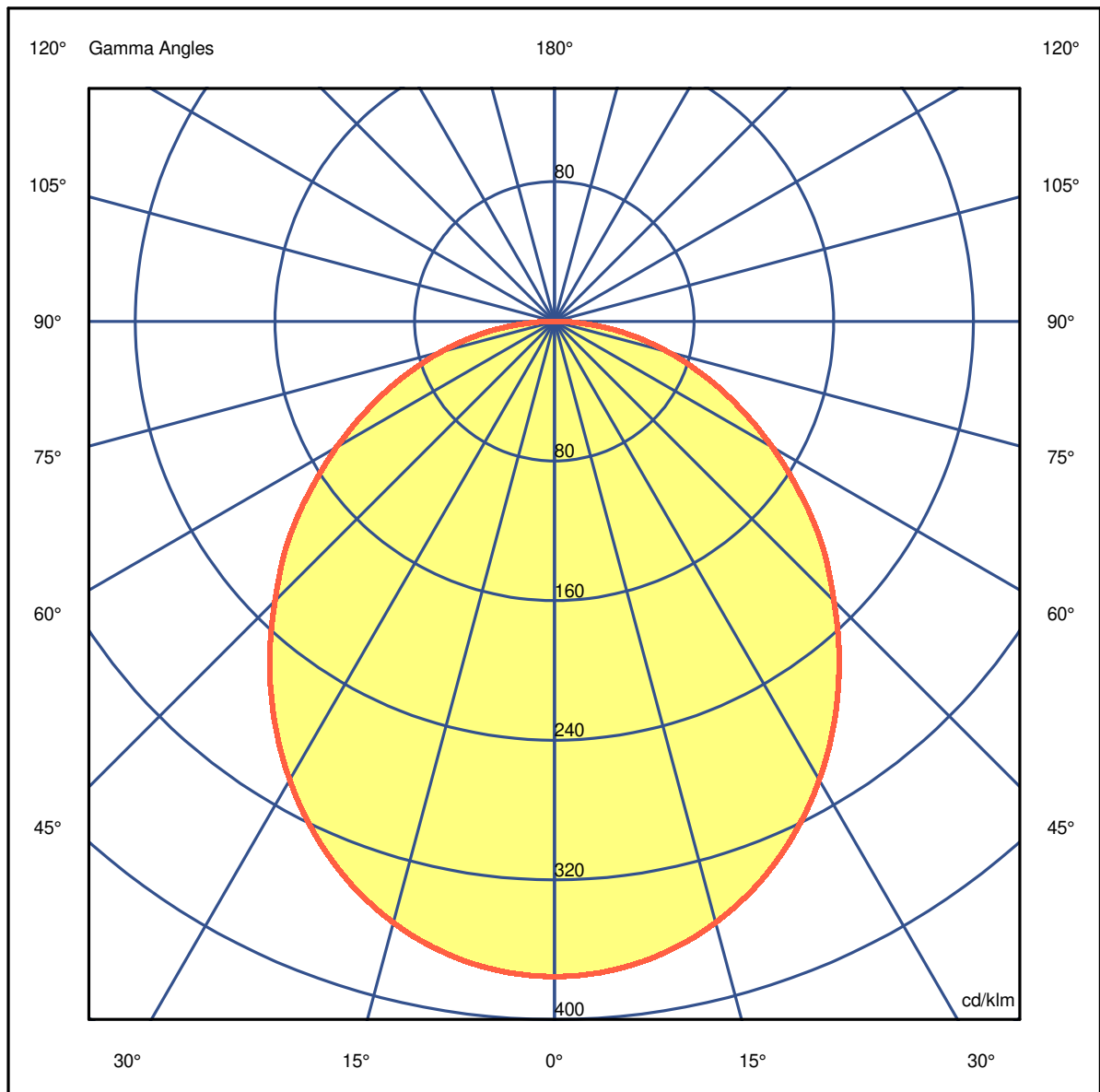
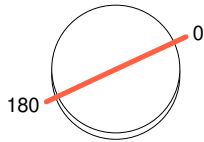
Code DE-0002-SAT  
Name Llit

Luminaire Flux	296 lm	Luminaire Power	4.7 W	Efficacy	62.957 lm/W	Efficiency	100.00%
Source Flux	296 lm	Maximum value	375.35 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Diam=75mm

C Halfplanes

180.0  0.0



# LedsC4

## Luminaire

Code DE-0002-SAT  
Name Llit

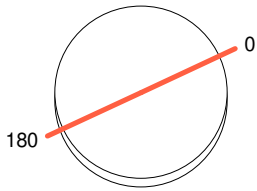
## Measurem.

Code DE-0002-SAT  
Name Llit

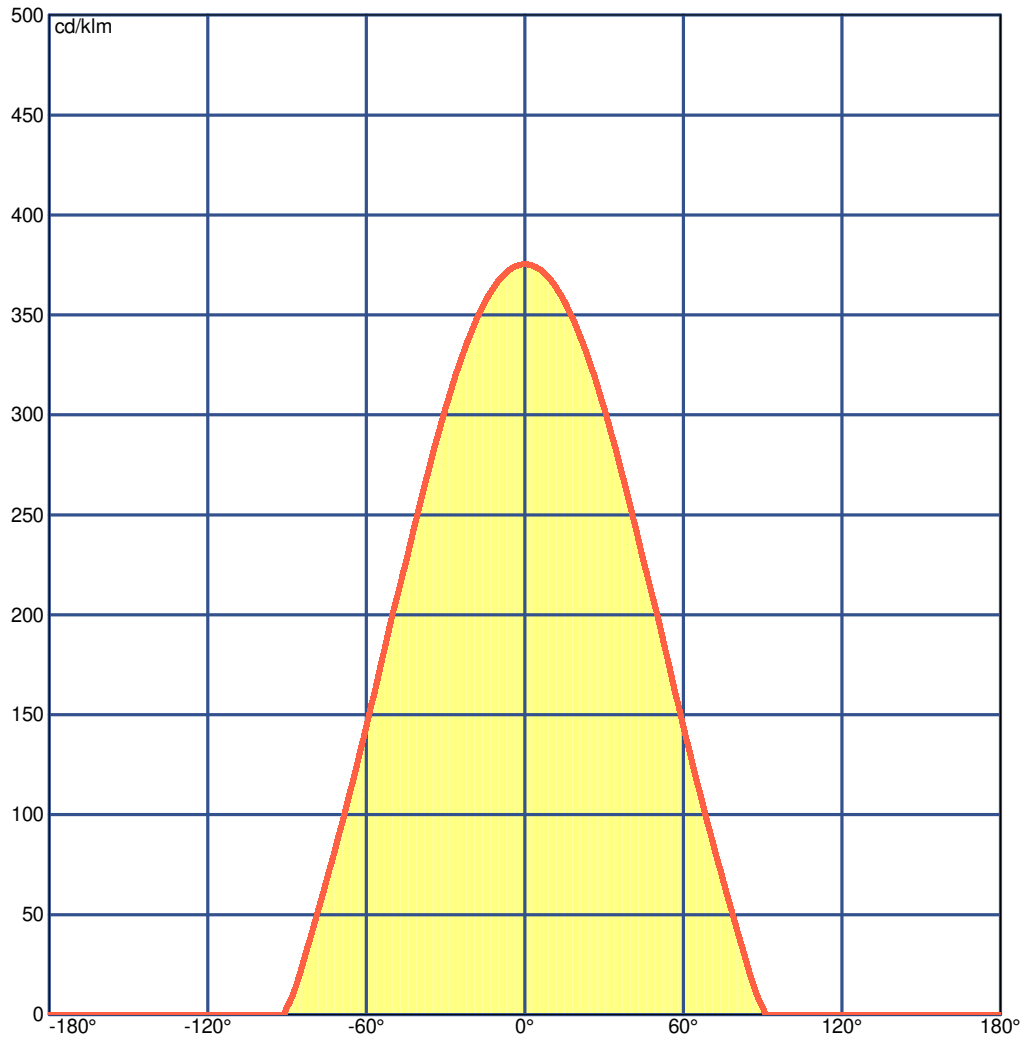
Luminaire Flux	296 lm	Luminaire Power	4.7 W	Efficacy	62.957 lm/W	Efficiency	100.00%
Source Flux	296 lm	Maximum value	375.35 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Diam=75mm

C Halfplanes



180.0 ————— 0.0



**Luminaire**

 Code DE-0002-SAT  
 Name Llit

**Measurment.**

 Code DE-0002-SAT  
 Name Llit

Luminaire Flux	296 lm	Luminaire Power	4.7 W	Efficacy	62.957 lm/W	Efficiency	100.00%
Source Flux	296 lm	Maximum value	375.35 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	23.1	24.4	23.4	24.6	24.9	23.1	24.4	23.4	24.6	24.9
x=2H y=3H	24.7	25.9	25.0	26.1	26.4	24.7	25.9	25.0	26.1	26.4
x=2H y=4H	25.4	26.5	25.7	26.8	27.1	25.4	26.5	25.7	26.8	27.1
x=2H y=6H	25.9	27.0	26.3	27.3	27.6	25.9	27.0	26.3	27.3	27.6
x=2H y=8H	26.1	27.1	26.5	27.4	27.8	26.1	27.1	26.5	27.4	27.8
x=2H y=12H	26.3	27.2	26.7	27.6	27.9	26.3	27.2	26.7	27.6	27.9
x=4H y=2H	23.8	24.9	24.1	25.2	25.5	23.8	24.9	24.1	25.2	25.5
x=4H y=3H	25.6	26.5	25.9	26.8	27.2	25.6	26.5	25.9	26.8	27.2
x=4H y=4H	26.4	27.2	26.8	27.6	27.9	26.4	27.2	26.8	27.6	27.9
x=4H y=6H	27.1	27.8	27.5	28.2	28.6	27.1	27.8	27.5	28.2	28.6
x=4H y=8H	27.4	28.0	27.8	28.4	28.9	27.4	28.0	27.8	28.4	28.9
x=4H y=12H	27.6	28.2	28.0	28.6	29.0	27.6	28.2	28.0	28.6	29.0
x=8H y=4H	26.7	27.4	27.2	27.8	28.2	26.7	27.4	27.2	27.8	28.2
x=8H y=6H	27.6	28.2	28.0	28.6	29.0	27.6	28.2	28.0	28.6	29.0
x=8H y=8H	28.0	28.5	28.4	28.9	29.4	28.0	28.5	28.4	28.9	29.4
x=8H y=12H	28.3	28.7	28.8	29.2	29.7	28.3	28.7	28.8	29.2	29.7
x=12H y=4H	26.8	27.4	27.2	27.8	28.2	26.8	27.4	27.2	27.8	28.2
x=12H y=6H	27.7	28.2	28.1	28.6	29.1	27.7	28.2	28.1	28.6	29.1
x=12H y=8H	28.1	28.5	28.6	29.0	29.5	28.1	28.5	28.6	29.0	29.5

**Luminaire**

Code DE-0002-SAT  
Name Llit

**Measurement**

Code DE-0002-SAT  
Name Llit

Luminaire Flux	296 lm	Luminaire Power	4.7 W	Efficacy	62.957 lm/W	Efficiency	100.00%
Source Flux	296 lm	Maximum value	375.35 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Total Flux=295.90 Luminaire Flux=295.90

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	0.32	0.40	0.47	0.54	0.60	0.68	0.74	0.78	0.83	0.86	0.93	0.96
RC	5	5	5	5	5	5	5	5	5	5	5	4

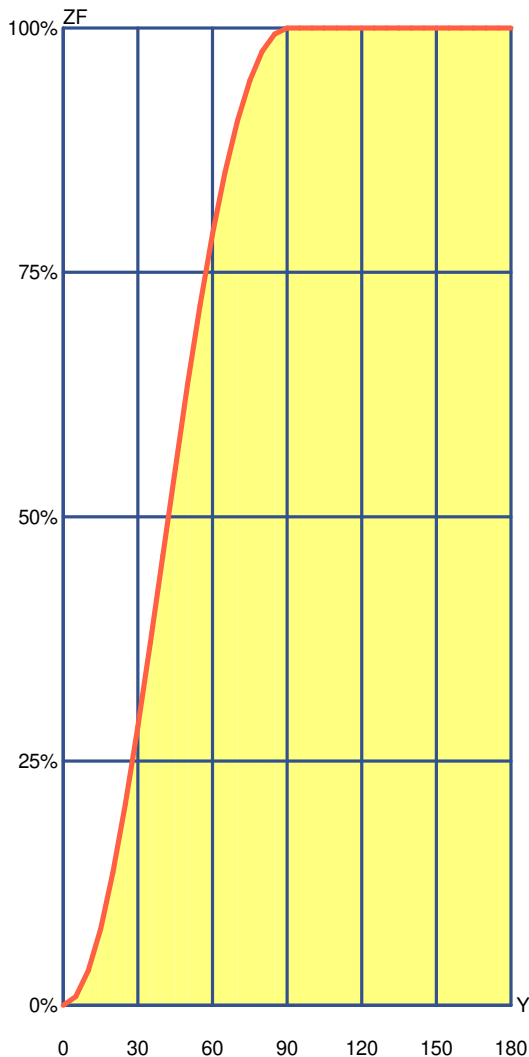
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	35	136	285	460	635	789	905	976	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

48 79 95 100 100

C.I.E.	5/5/5/5/5/5/5/5/5/4	LOR	100.00000 %
D DIN 5040	A30	ULOR	0.00000 %
F UTE	1.00 E	DLOR	100.00000 %
B NBN	BZ 4	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Gamma °	Zonal Flux			
	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	8.95	8.95	0.89%	0.89 %
10°	26.48	35.43	2.65%	3.54 %
15°	42.92	78.35	4.29%	7.84 %
20°	57.60	135.95	5.76%	13.60 %
25°	69.92	205.88	6.99%	20.59 %
30°	79.43	285.31	7.94%	28.53 %
35°	85.81	371.11	8.58%	37.11 %
40°	88.93	460.04	8.89%	46.00 %
45°	88.83	548.87	8.88%	54.89 %
50°	86.16	635.03	8.62%	63.50 %
55°	80.95	715.98	8.09%	71.60 %
60°	72.94	788.91	7.29%	78.89 %
65°	63.42	852.34	6.34%	85.23 %
70°	52.76	905.09	5.28%	90.51 %
75°	41.42	946.52	4.14%	94.65 %
80°	29.63	976.15	2.96%	97.61 %
85°	17.59	993.74	1.76%	99.37 %
90°	6.26	1000.00	0.63%	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 %

**Luminaire**

Code DE-0002-SAT  
Name Llit

**Measurement**

Code DE-0002-SAT  
Name Llit

Luminaire Flux	296 lm	Luminaire Power	4.7 W	Efficacy	62.957 lm/W	Efficiency	100.00%
Source Flux	296 lm	Maximum value	375.35 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	216	194	169	153	185	146	111	94	86	74	46	35	17	12	69	37	33	14	11	31	12	10	0
0.80	250	230	181	166	218	159	140	122	99	87	56	44	23	17	81	46	42	20	16	40	17	15	0
1.00	273	254	182	171	242	164	163	145	106	95	63	52	29	22	89	53	49	25	21	46	22	20	0
1.25	293	276	180	171	263	164	186	169	110	101	69	59	36	29	95	60	56	31	27	53	28	25	0
1.50	308	292	176	169	278	162	205	189	113	105	74	64	42	34	99	65	61	37	33	58	33	30	0
2.00	325	313	166	160	298	155	234	219	114	108	80	72	51	44	102	72	69	47	42	66	43	39	0
2.50	337	326	158	153	311	149	254	241	114	109	84	77	59	52	103	77	74	54	50	71	50	47	0
3.00	345	336	151	148	321	143	270	258	114	109	87	81	64	58	104	81	78	60	56	75	56	52	0
4.00	356	349	143	140	334	137	292	281	113	110	92	87	72	67	105	86	84	68	65	81	64	61	0
5.00	364	358	137	135	342	132	307	298	113	110	95	90	78	73	106	89	87	74	71	84	70	67	0
10.00	379	376	124	124	360	122	340	335	111	110	101	98	91	88	106	97	96	88	86	93	85	82	0
20.00	387	385	117	116	370	115	359	356	109	109	104	103	99	97	106	101	100	96	95	98	93	91	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	463	451	404	395	445	391	350	343	316	310	265	260	228	226	307	261	259	226	226	258	226	225	205
0.80	521	509	441	433	500	428	407	397	357	351	306	301	268	265	347	301	299	266	265	297	265	264	240
1.00	560	548	462	455	536	448	447	437	383	377	334	329	297	293	371	328	326	294	292	324	292	291	264
1.25	594	582	477	471	568	464	485	474	405	399	360	354	323	320	393	353	350	320	318	347	318	315	285
1.50	618	607	487	481	591	474	513	502	421	416	378	373	344	340	408	371	369	340	338	365	337	334	301
2.00	643	633	488	484	614	477	547	536	433	429	397	391	366	362	420	388	386	361	359	381	357	353	317
2.50	658	649	487	484	628	476	569	559	439	436	408	403	380	376	426	399	397	374	372	391	369	365	326
3.00	666	658	484	481	636	473	584	574	442	438	414	409	389	385	428	404	402	382	380	396	377	372	330
4.00	683	677	485	483	652	476	609	601	450	447	427	423	406	402	437	417	415	399	396	408	392	386	342
5.00	696	690	487	486	665	479	628	620	457	455	438	434	420	416	444	427	426	411	409	418	404	397	351
10.00	723	720	493	492	692	485	670	665	473	472	461	459	450	448	460	450	449	440	439	439	431	422	372
20.00	730	729	487	487	698	480	686	683	473	473	467	466	461	459	461	455	455	450	449	444	439	429	376

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	603	590	562	553	582	547	467	460	450	444	384	380	337	335	440	380	379	336	335	377	335	334	317
0.80	709	695	653	644	683	635	568	557	541	534	474	468	424	421	528	468	466	421	420	463	420	418	400
1.00	792	778	722	713	762	703	650	639	615	608	549	542	498	494	600	541	539	495	493	535	492	490	472
1.25	871	856	785	776	837	765	731	718	685	677	622	615	572	567	667	612	609	567	565	604	564	561	543
1.50	929	915	830	822	892	810	793	779	737	730	678	670	630	624	717	666	663	624	621	657	619	615	598
2.00	1000	1000	893	887	974	875	887	873	813	807	762	755	719	713	793	749	746	711	708	738	704	699	683
2.50	1000	1000	932	928	1000	915	951	937	863	857	818	811	779	773	841	803	800	770	766	791	761	754	739
3.00	1000	1000	959	955	1000	942	996	983	897	892	858	851	823	816	875	842	839	812	808	828	802	794	780
4.00	1000	1000	991	988	1000	975	1000	1000	939	935	907	901	878	871	917	889	887	864	861	874	853	842	829
5.00	1000	1000	1000	1000	1000	994	1000	1000	964	961	937	932	912	906	942	919	917	897	894	902	884	872	860
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	988	983	995	982	981	969	967	963	953	937
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	991	973	962

LM53 SHR C0-C180: 1.202    SHR C90-C270: 1.202    SHR Square: 1.312

# LedsC4

## Luminaire

Code DE-0002-SAT  
Name Llit

## Measurement

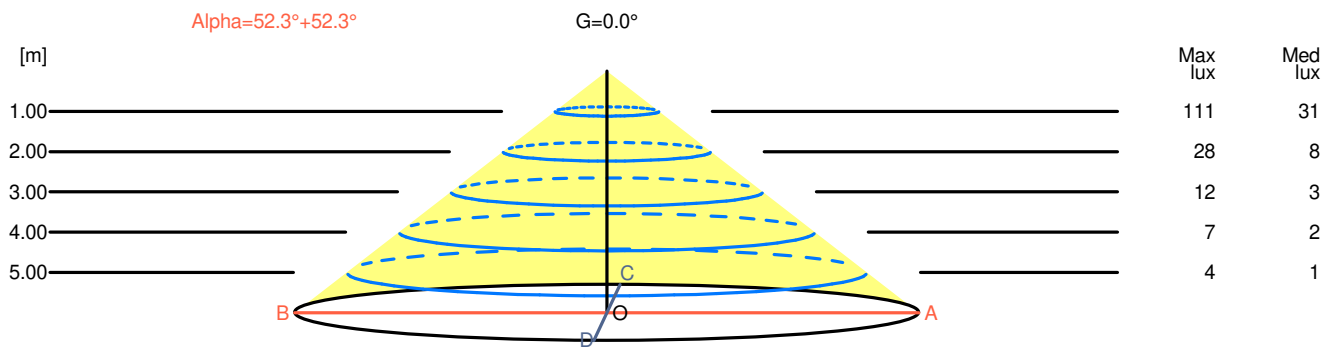
Code DE-0002-SAT  
Name Llit

Luminaire Flux	296 lm	Luminaire Power	4.7 W	Efficacy	62.957 lm/W	Efficiency	100.00%
Source Flux	296 lm	Maximum value	375.35 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	1.29	2.58	3.88	5.17	6.46	OC	1.29	2.58	3.88	5.17	6.46
OB	1.29	2.58	3.88	5.17	6.46	OD	1.29	2.58	3.88	5.17	6.46

	Luminous Intensities [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	111.07	110.44	105.52	95.99	82.71	66.99	50.88	34.67	19.89	6.25
OB	111.07	110.44	105.52	95.99	82.71	66.99	50.88	34.67	19.89	6.25
OC	111.07	110.44	105.52	95.99	82.71	66.99	50.88	34.67	19.89	6.25
OD	111.07	110.44	105.52	95.99	82.71	66.99	50.88	34.67	19.89	6.25



H[m]	D[m]	Max lux	Med lux	Alpha=52.3°+52.3°	G=0.0	
1.00	2.58	111	31			
2.00	5.17	28	8			
3.00	7.75	12	3			
4.00	10.34	7	2			
5.00	12.92	4	1			

**Luminaire**

Code DE-0002-SAT  
Name Llit

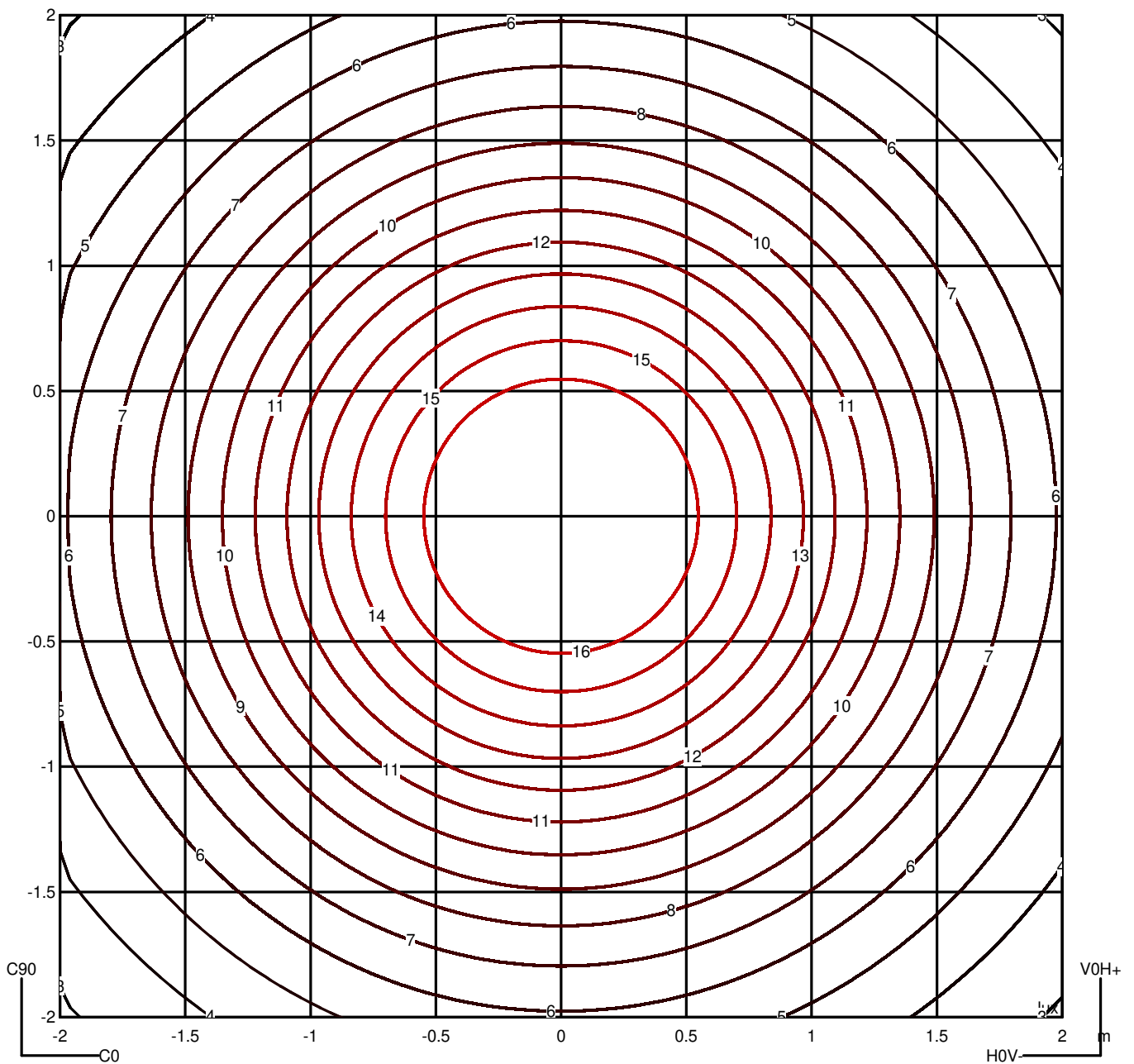
**Measur.**

Code DE-0002-SAT  
Name Llit

Luminaire Flux	296 lm	Luminaire Power	4.7 W	Efficacy	62.957 lm/W	Efficiency	100.00%
Source Flux	296 lm	Maximum value	375.35 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Isolux (Floor)

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



# LedsC4

**Luminaire**

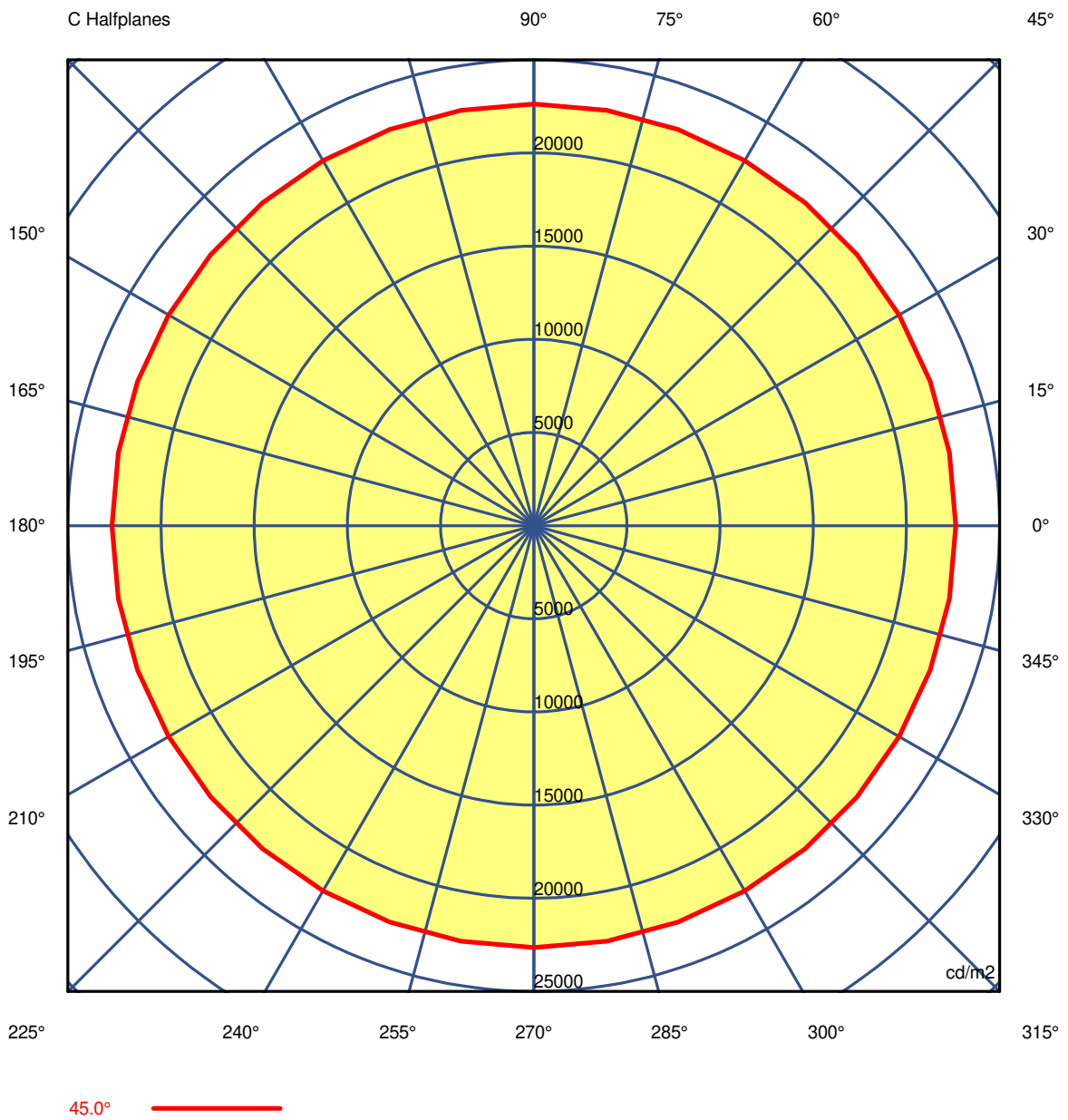
Code DE-0002-SAT  
Name Llit

**Measurem.**

Code DE-0002-SAT  
Name Llit

Luminaire Flux	296 lm	Luminaire Power	4.7 W	Efficacy	62.957 lm/W	Efficiency	100.00%
Source Flux	296 lm	Maximum value	375.35 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Luminance



**Luminaire**

Code DE-0002-SAT  
Name Llit

**Measurement**

Code DE-0002-SAT  
Name Llit

Luminaire Flux	296 lm	Luminaire Power	4.7 W	Efficacy	62.957 lm/W	Efficiency	100.00%
Source Flux	296 lm	Maximum value	375.35 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	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41
G 5.0	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36
G 10.0	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60
G 15.0	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43
G 20.0	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09
G 25.0	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61
G 30.0	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78
G 35.0	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34
G 40.0	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64
G 45.0	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45
G 50.0	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80
G 55.0	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23
G 60.0	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56
G 65.0	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88
G 70.0	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28
G 75.0	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35
G 80.0	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58
G 85.0	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13
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-0002-SAT  
Name Llit

**Measurement**

Code DE-0002-SAT  
Name Llit

Luminaire Flux	296 lm	Luminaire Power	4.7 W	Efficacy	62.957 lm/W	Efficiency	100.00%
Source Flux	296 lm	Maximum value	375.35 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	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41
G 5.0	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36
G 10.0	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60
G 15.0	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43
G 20.0	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09
G 25.0	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61
G 30.0	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78
G 35.0	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34
G 40.0	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64
G 45.0	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45
G 50.0	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80
G 55.0	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23
G 60.0	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56
G 65.0	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88
G 70.0	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28
G 75.0	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35
G 80.0	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58
G 85.0	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13
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-0002-SAT  
 Name Llit

**Measurem.**

 Code DE-0002-SAT  
 Name Llit

Luminaire Flux	296 lm	Luminaire Power	4.7 W	Efficacy	62.957 lm/W	Efficiency	100.00%
Source Flux	296 lm	Maximum value	375.35 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	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41	26539.41
G 5.0	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36	26491.36
G 10.0	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60	26347.60
G 15.0	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43	26104.43
G 20.0	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09	25759.09
G 25.0	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61	25306.61
G 30.0	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78	24761.78
G 35.0	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34	24126.34
G 40.0	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64	23417.64
G 45.0	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45	22637.45
G 50.0	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80	22054.80
G 55.0	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23	21196.23
G 60.0	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56	20379.56
G 65.0	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88	19601.88
G 70.0	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28	18920.28
G 75.0	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35	18367.35
G 80.0	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58	17817.58
G 85.0	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13	17139.13
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-0002-SAT

Name Llit

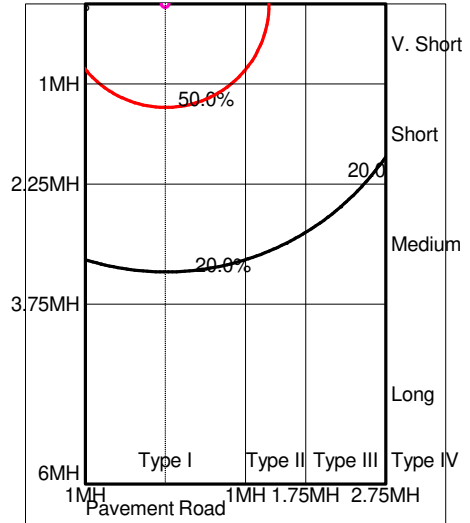
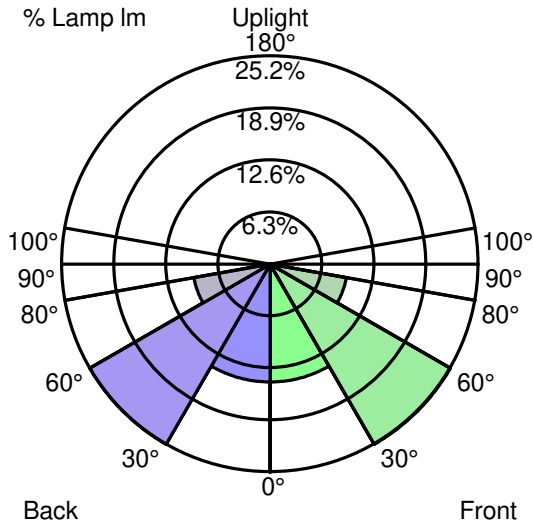
**Measurement**

Code DE-0002-SAT

Name Llit

Luminaire Flux	296 lm	Luminaire Power	4.7 W	Efficacy	62.957 lm/W	Efficiency	100.00%
Source Flux	296 lm	Maximum value	375.35 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°	42.2 lm	14.3 %	14.3 %
FM	30° -- 60°	74.5 lm	25.2 %	25.2 %
FH	60° -- 80°	27.7 lm	9.4 %	9.4 %
FVH	80° -- 90°	3.5 lm	1.2 %	1.2 %
BL	0° -- 30°	42.2 lm	14.3 %	14.3 %
BM	30° -- 60°	74.5 lm	25.2 %	25.2 %
BH	60° -- 80°	27.7 lm	9.4 %	9.4 %
BVH	80° -- 90°	3.5 lm	1.2 %	1.2 %
UL	90° -- 100°	0.0 lm	0.0 %	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %	0.0 %
TOTALS		295.9 lm	100.0 %	100.0 %
BUG B0 U0 G0		Type V Very Short	Quadrilateral Symmetry	



**Llit**  
DE-0002

**FOR**  
LIGHT

