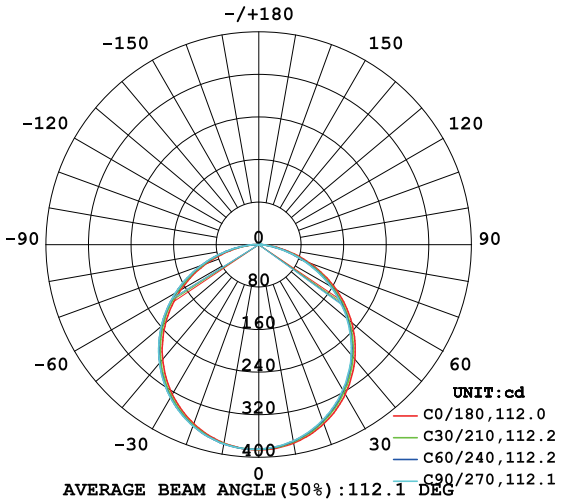
/BUDDY SILICONE (21.AB10.7517.00)

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: BUDDY SILICON-21.AB10.7517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M TOP BENDING 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:

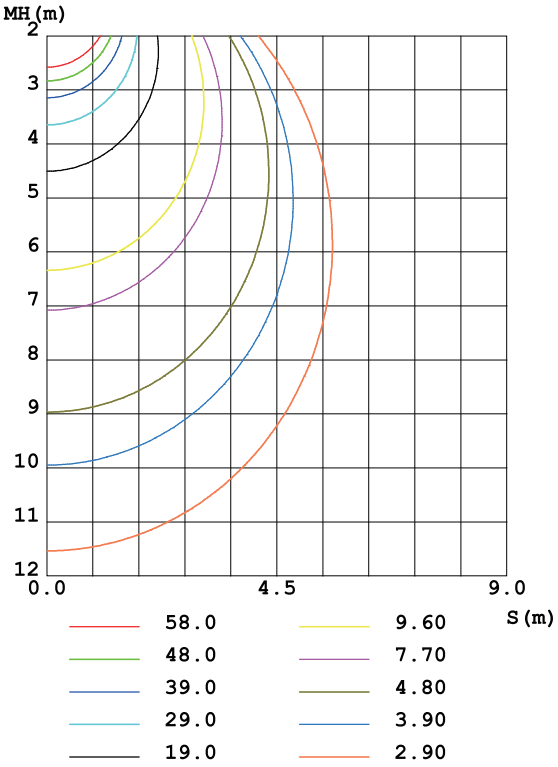
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 71.07 lm/W	
MODEL	21.AB10.7517.00	Imax(cd)	385.8	S/MH(C0/180)	1.25
NOMINAL POWER(W)	15.2693	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	1105.7	η UP,DN(C0-180)	0.6,47.7
NOMINAL FLUX(lm)	1105.71	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.5,51.2
LAMPS INSIDE	1	η up(%)	1.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	98.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):112.1 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.400m [K=1.0000]
Remarks: 1M

IDEA

/BUDDY SILICONE (**21.AB10.7517.00**)

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	378.9	376.0	374.6	375.2	378.8	380.0	380.5	378.8	0- 10	36.38	36.38	3.29,3.29
20	358.2	354.0	351.2	353.3	358.2	361.3	362.8	360.0	10- 20	104.1	140.5	12.7,12.7
30	324.9	319.5	315.9	318.9	325.1	330.2	332.3	328.7	20- 30	157.7	298.2	27,27
40	280.9	274.5	270.3	274.1	281.4	287.9	290.6	286.3	30- 40	189.9	488.1	44.1,44.1
50	228.1	220.8	216.3	220.9	228.7	236.2	239.8	234.6	40- 50	196.9	685.0	62,62
60	167.7	159.9	155.5	160.7	169.2	176.8	180.6	175.5	50- 60	177.6	862.6	78,78
70	102.1	94.74	90.32	96.65	105.2	112.4	115.8	110.8	60- 70	134.6	997.2	90.2,90.2
80	39.61	33.51	30.98	36.23	43.58	49.15	51.63	46.94	70- 80	75.50	1073	97,97
90	0.9585	3.791	4.918	5.098	5.224	6.710	7.292	5.384	80- 90	20.99	1094	98.9,98.9
100	0.5010	2.129	3.745	3.298	0.6722	2.965	2.891	1.829	90-100	3.360	1097	99.2,99.2
110	0.5033	2.039	3.412	2.851	0.5851	2.283	2.550	1.803	100-110	2.236	1099	99.4,99.4
120	0.6496	1.949	3.128	1.981	0.7557	1.649	2.421	1.769	110-120	1.846	1101	99.6,99.6
130	0.8526	1.633	2.762	1.503	0.9343	1.365	2.249	1.584	120-130	1.510	1103	99.7,99.7
140	0.9829	1.129	2.097	1.129	1.089	1.126	1.779	1.164	130-140	1.138	1104	99.8,99.8
150	1.127	1.267	1.278	1.267	1.235	1.145	1.259	1.207	140-150	0.7966	1105	99.9,99.9
160	1.253	1.381	1.308	1.397	1.357	1.283	1.397	1.316	150-160	0.5912	1105	100,100
170	1.368	1.413	1.366	1.454	1.405	1.381	1.426	1.403	160-170	0.3903	1106	100,100
180	1.397	1.421	1.421	1.495	1.413	1.430	1.430	1.421	170-180	0.1351	1106	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.400m [K=1.0000]
Remarks: 1M

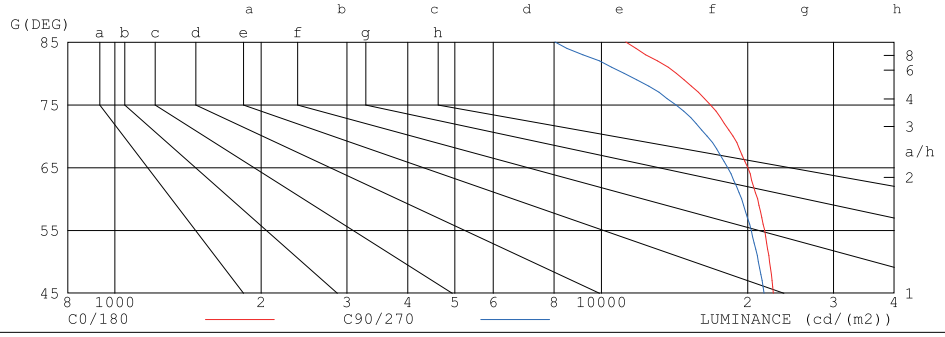
/BUDDY SILICONE (21.AB10.7517.00)

LUMINANCE LIMITATION CURVES

NAME: BUDDY SILICON-21.AB10.7517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M TOP BENDING 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	11231	8030
80	14256	11150
75	16747	14215
70	18659	16505
65	20001	18187
60	20967	19444
55	21662	20346
50	22179	21035
45	22576	21592

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.400m [K=1.0000]
Remarks: 1M

/BUDDY SILICONE (21.AB10.7517.00)

WEC AND CCEC

NAME: BUDDY SILICON-21.AB10.7517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M TOP BENDING 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.309	.176	.056	.302	.172	.055	.288	.165	.053	.275	.159	.051	.263	.153	.049	
2.0	.291	.159	.049	.284	.157	.048	.272	.151	.047	.261	.146	.046	.250	.142	.045	
3.0	.269	.143	.043	.264	.141	.042	.253	.137	.042	.243	.133	.041	.233	.129	.040	
4.0	.249	.129	.038	.243	.127	.038	.234	.124	.037	.225	.121	.036	.216	.118	.036	
5.0	.230	.117	.034	.225	.116	.034	.217	.113	.033	.209	.110	.033	.201	.108	.032	
6.0	.213	.107	.031	.209	.106	.030	.201	.103	.030	.194	.101	.030	.188	.099	.029	
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.181	.093	.027	.175	.091	.027	
8.0	.185	.091	.025	.182	.090	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.174	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023	
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.021	.151	.075	.021	.146	.074	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.189	.164	.143	.161	.141	.123	.110	.097	.085	.064	.056	.049	.020	.018	.016	
2.0	.181	.140	.107	.155	.121	.092	.106	.084	.064	.061	.049	.038	.020	.016	.012	
3.0	.173	.123	.083	.148	.106	.072	.102	.074	.050	.059	.043	.030	.019	.014	.010	
4.0	.165	.109	.067	.142	.095	.058	.097	.066	.041	.056	.039	.024	.018	.013	.008	
5.0	.158	.099	.056	.135	.086	.048	.093	.060	.034	.054	.035	.020	.017	.011	.007	
6.0	.151	.091	.048	.129	.079	.042	.089	.055	.029	.052	.032	.017	.017	.011	.006	
7.0	.144	.084	.042	.124	.073	.036	.085	.051	.026	.050	.030	.015	.016	.010	.005	
8.0	.137	.078	.037	.118	.068	.033	.082	.048	.023	.048	.028	.014	.015	.009	.005	
9.0	.131	.073	.034	.113	.063	.029	.078	.045	.021	.046	.026	.012	.015	.009	.004	
10.0	.126	.069	.031	.108	.060	.027	.075	.042	.019	.044	.025	.011	.014	.008	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.400m [K=1.0000]
Remarks: 1M

BUDDY SILICONE (21.AB10.7517.00)

UGR(Unified Glare Rating) Table

NAME: BUDDY SILICON-21.AB10.7517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M TOP BENDING 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:

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	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	23.4	24.9	23.7	25.1	25.3	23.1	24.6	23.4	24.8	25.0
3H	24.8	26.2	25.2	26.5	26.7	24.4	25.8	24.8	26.1	26.3
4H	25.4	26.7	25.7	27.0	27.3	24.9	26.2	25.2	26.5	26.8
6H	25.7	27.0	26.1	27.3	27.6	25.2	26.4	25.5	26.7	27.0
8H	25.8	27.0	26.2	27.3	27.7	25.2	26.4	25.6	26.7	27.1
12H	25.9	27.0	26.3	27.4	27.7	25.2	26.4	25.6	26.7	27.0
4H 2H	23.9	25.2	24.2	25.5	25.8	23.7	25.0	24.0	25.3	25.6
3H	25.5	26.7	25.9	27.0	27.3	25.2	26.3	25.6	26.7	27.0
4H	26.2	27.2	26.6	27.6	27.9	25.8	26.8	26.2	27.2	27.5
6H	26.7	27.6	27.1	28.0	28.4	26.1	27.1	26.5	27.4	27.8
8H	26.8	27.7	27.2	28.0	28.5	26.2	27.1	26.7	27.5	27.9
12H	26.9	27.7	27.3	28.1	28.5	26.3	27.1	26.7	27.5	27.9
8H 4H	26.4	27.2	26.8	27.6	28.0	26.0	26.9	26.4	27.2	27.7
6H	26.9	27.7	27.4	28.1	28.5	26.5	27.2	26.9	27.6	28.1
8H	27.1	27.8	27.6	28.2	28.7	26.6	27.2	27.1	27.7	28.2
12H	27.3	27.8	27.7	28.3	28.8	26.7	27.2	27.2	27.7	28.2
12H 4H	26.4	27.2	26.8	27.6	28.0	26.0	26.8	26.4	27.2	27.6
6H	27.0	27.6	27.4	28.0	28.5	26.5	27.1	27.0	27.6	28.0
8H	27.2	27.7	27.7	28.2	28.7	26.7	27.2	27.2	27.7	28.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1106 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.3)
Area: 0.016 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.400m [K=1.0000]
Remarks: 1M

/BUDDY SILICONE (21.AB10.7517.00)

UTILIZATION FACTORS TABLE

NAME: BUDDY SILICON-21.AB10.7517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M TOP BENDING 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	56	45	38	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	65	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	80	93	85	79	89	82	77	69
2.50	99	91	85	96	89	84	92	86	82	73
3.00	102	95	89	100	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	95	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

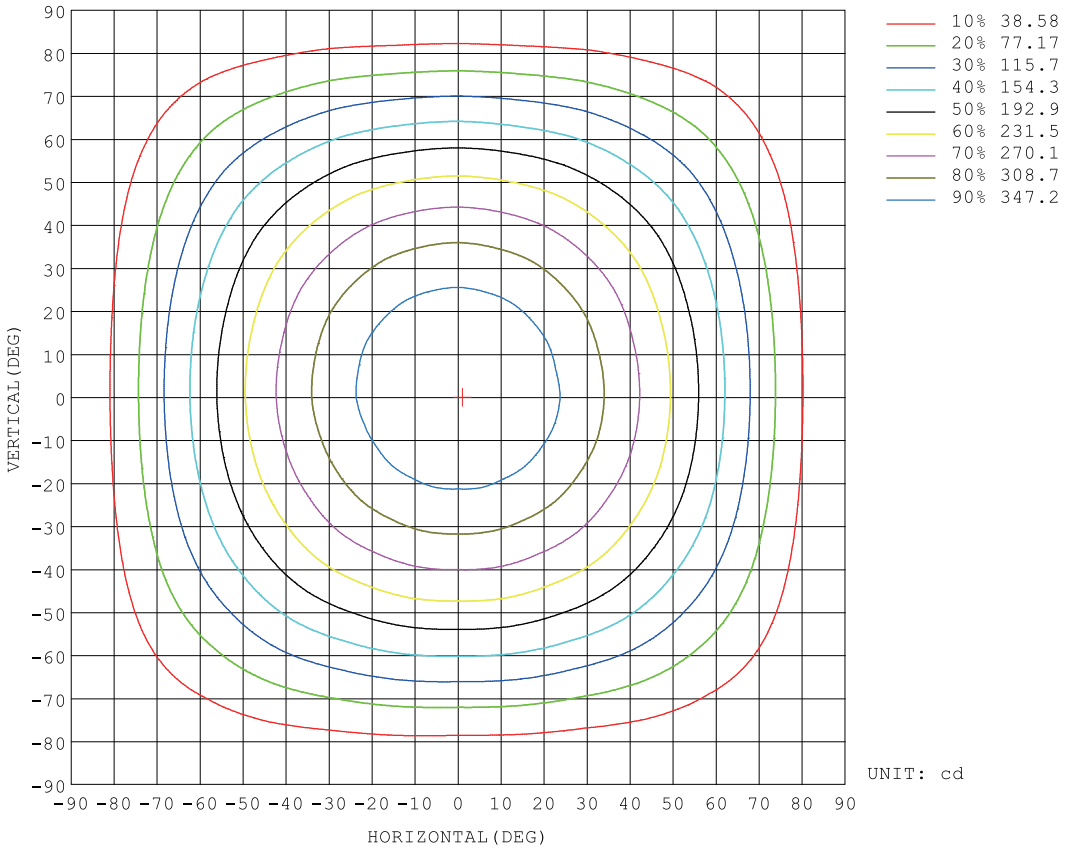
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.400m [K=1.0000]
Remarks: 1M

/BUDDY SILICONE (21.AB10.7517.00)

ISOCANDELA DIAGRAM

NAME: BUDDY SILICON-21.AB10.7517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M TOP BENDING 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:



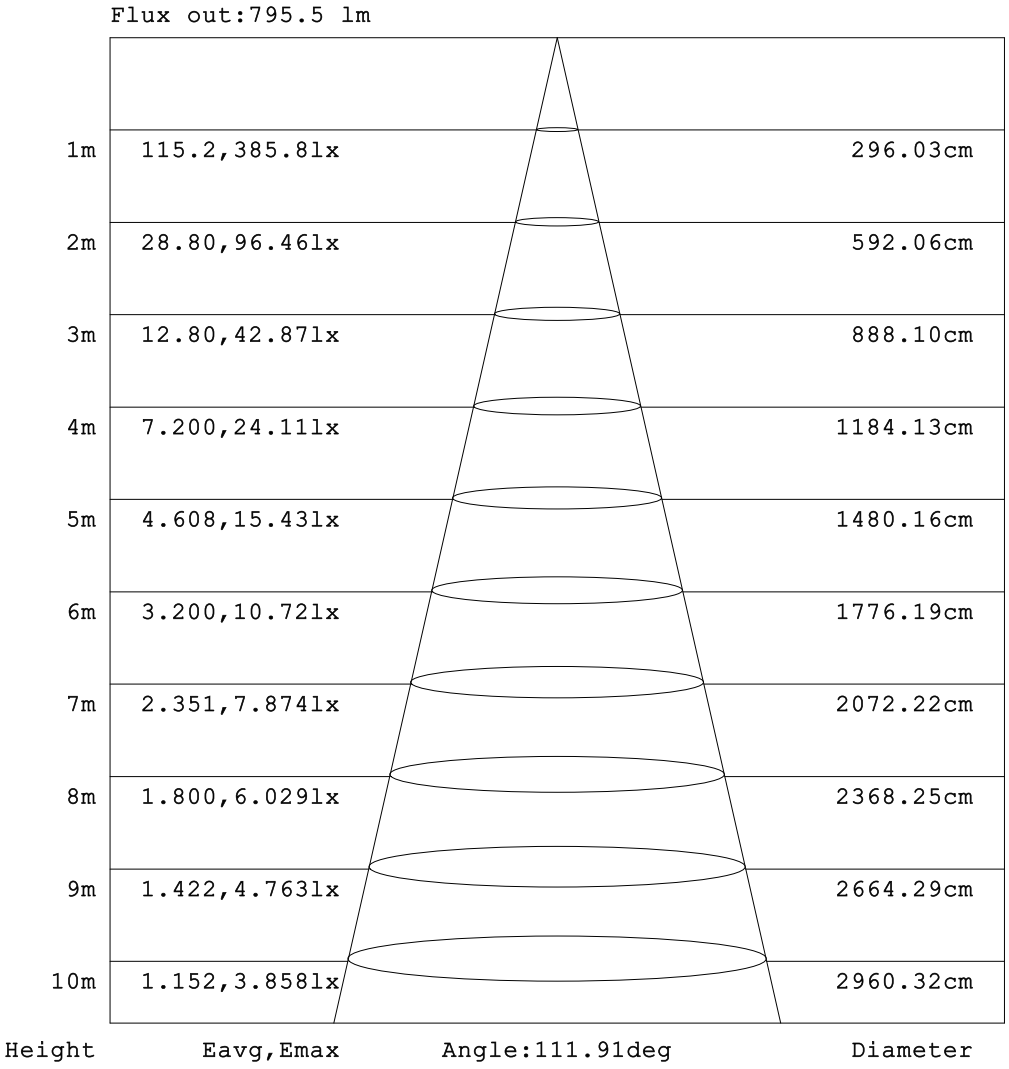
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.400m [K=1.0000]
Remarks: 1M

/BUDDY SILICONE (21.AB10.7517.00)

AAI Figure

NAME: BUDDY SILICON-21.AB10.7517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M TOP BENDING 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:



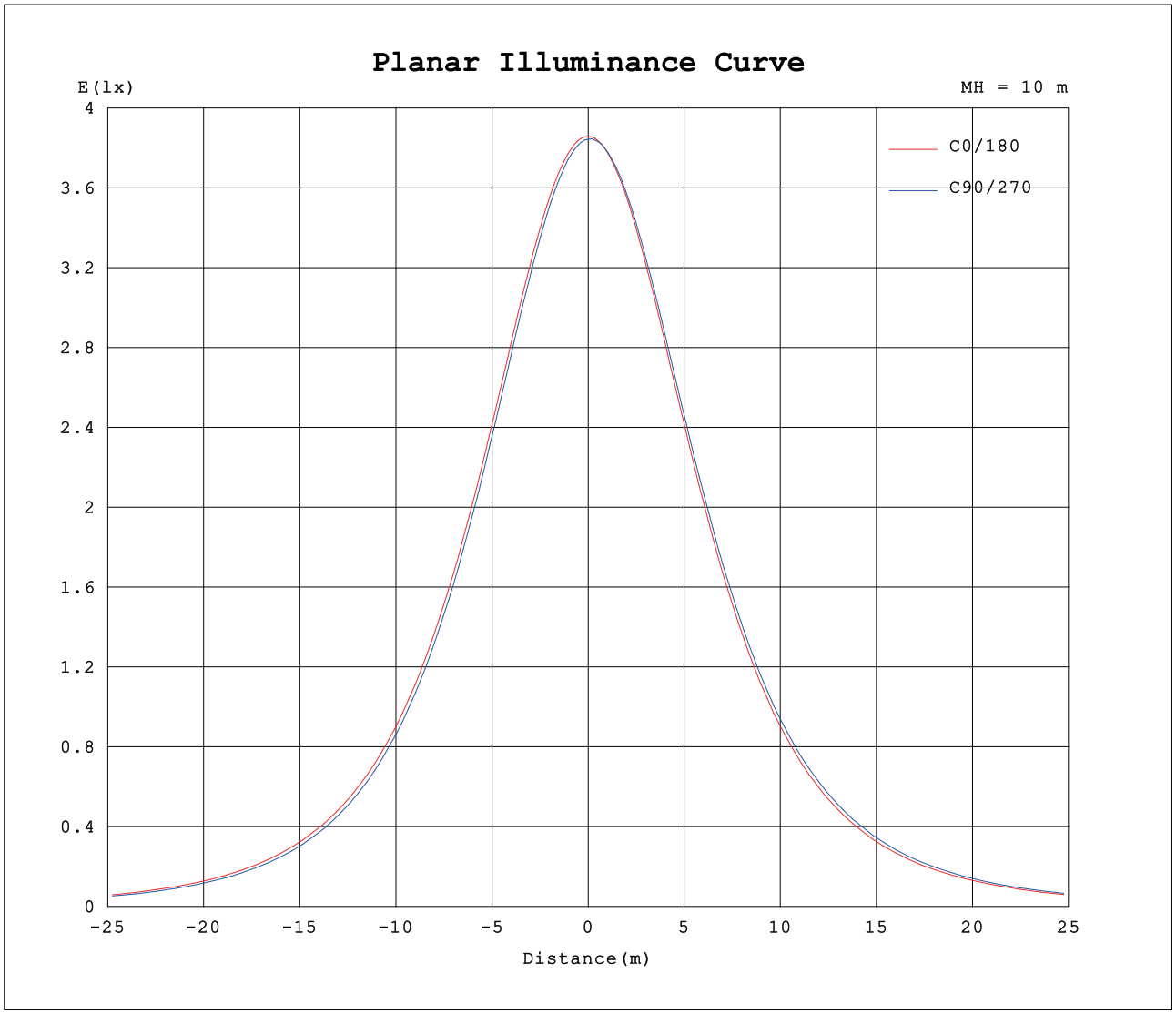
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.400m [K=1.0000]
Remarks: 1M

/BUDDY SILICONE (**21.AB10.7517.00**)

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.400m [K=1.0000]
Remarks: 1M

/BUDDY SILICONE (21.AB10.7517.00)

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: BUDDY SILICON-21.AB10.7517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M TOP BENDING 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	386	385	385	385	385	385	385	384	384	384	384	384	386	385	385	385	385	385	385
5	384	384	383	382	382	381	381	381	381	381	381	382	384	384	384	384	384	384	384
10	379	378	377	376	375	375	375	375	375	375	375	376	379	379	380	380	381	380	381
15	370	369	367	367	365	365	365	365	365	366	366	367	370	371	372	372	373	373	373
20	358	357	355	354	352	352	351	352	352	353	353	355	358	359	361	361	363	362	363
25	343	342	339	338	336	336	335	336	336	337	338	340	343	344	346	347	349	349	349
30	325	323	320	320	317	317	316	317	317	319	319	322	325	326	329	330	332	332	332
35	304	303	299	298	295	296	294	296	295	298	298	301	304	306	309	310	312	312	313
40	281	279	275	274	272	272	270	272	271	274	275	278	281	283	286	288	290	290	291
45	255	253	250	249	246	246	244	246	246	248	249	252	256	258	262	263	265	265	266
50	228	226	222	221	218	218	216	218	218	221	222	225	229	231	235	236	239	239	240
55	199	197	193	191	188	188	187	188	189	192	193	196	200	202	206	207	210	210	211
60	168	166	161	160	157	157	156	157	158	161	162	165	169	171	176	177	180	180	181
65	135	133	129	128	124	125	123	125	126	129	130	135	138	140	144	145	148	148	149
70	102	100	95.6	94.7	91.4	91.9	90.3	92.9	93.1	96.6	97.6	102	105	107	111	112	115	115	116
75	69.3	67.4	63.3	62.6	59.6	60.1	58.9	61.4	61.7	65.1	66.0	70.6	72.9	75.6	78.9	80.1	82.4	82.0	82.9
80	39.6	36.9	33.9	33.5	31.2	31.9	31.0	33.2	33.5	36.2	37.0	40.7	43.6	45.2	48.0	49.1	51.3	50.7	51.6
85	15.7	12.8	11.6	11.9	10.9	11.5	11.2	12.5	12.9	14.4	14.5	16.3	19.1	19.6	21.8	22.9	24.5	24.0	24.6
90	0.96	1.74	2.86	3.79	4.37	4.71	4.92	5.03	5.11	5.10	4.70	4.62	5.22	5.38	6.18	6.71	7.54	7.12	7.29
95	0.52	0.74	1.66	2.39	3.15	3.59	4.13	4.01	3.88	3.56	3.37	3.47	3.20	3.57	3.19	3.27	3.39	3.52	3.39
100	0.50	0.73	1.42	2.13	2.79	3.25	3.75	3.58	3.51	3.30	3.11	1.93	0.67	1.12	2.84	2.97	2.85	3.00	2.89
105	0.50	0.73	1.42	2.06	2.78	3.22	3.54	3.44	3.28	3.09	2.63	0.95	0.54	0.76	1.95	2.66	2.79	2.80	2.66
110	0.50	0.71	1.41	2.04	2.78	3.16	3.41	3.30	3.18	2.85	2.00	0.73	0.59	0.71	1.36	2.28	2.56	2.69	2.55
115	0.59	0.67	1.39	2.03	2.72	3.05	3.27	3.17	3.01	2.33	1.57	0.69	0.67	0.66	1.13	1.97	2.22	2.59	2.48
120	0.65	0.76	1.34	1.95	2.63	2.92	3.13	2.99	2.65	1.98	1.34	0.78	0.76	0.71	1.02	1.65	2.12	2.47	2.42
125	0.74	0.84	1.26	1.82	2.48	2.76	2.97	2.80	2.33	1.71	1.21	0.87	0.84	0.77	0.96	1.49	1.88	2.35	2.38
130	0.85	0.93	0.95	1.63	2.26	2.54	2.76	2.59	2.05	1.50	0.98	0.94	0.93	0.85	0.96	1.36	1.65	2.16	2.25
135	0.90	1.01	0.96	1.47	1.99	2.27	2.46	2.28	1.80	1.33	0.99	1.03	1.02	0.94	1.02	1.25	1.47	1.93	2.05
140	0.98	1.09	1.03	1.13	1.76	1.92	2.10	1.88	1.58	1.13	1.02	1.10	1.09	1.00	1.10	1.13	1.31	1.67	1.78
145	1.06	1.16	1.11	1.20	1.30	1.62	1.80	1.56	1.21	1.20	1.11	1.19	1.18	1.11	1.18	1.11	1.18	1.37	1.44
150	1.13	1.23	1.16	1.27	1.24	1.28	1.28	1.28	1.20	1.27	1.18	1.25	1.23	1.16	1.26	1.15	1.23	1.23	1.26
155	1.20	1.29	1.24	1.33	1.25	1.34	1.29	1.34	1.24	1.33	1.24	1.31	1.30	1.23	1.32	1.23	1.30	1.24	1.33
160	1.25	1.35	1.28	1.38	1.31	1.39	1.31	1.39	1.30	1.40	1.29	1.36	1.36	1.27	1.36	1.28	1.36	1.27	1.40
165	1.30	1.40	1.38	1.41	1.36	1.40	1.35	1.41	1.37	1.42	1.36	1.41	1.40	1.33	1.41	1.38	1.44	1.35	1.42
170	1.37	1.40	1.40	1.41	1.37	1.40	1.37	1.41	1.41	1.45	1.38	1.45	1.40	1.38	1.42	1.38	1.46	1.37	1.43
175	1.38	1.41	1.40	1.42	1.39	1.41	1.38	1.42	1.41	1.48	1.40	1.47	1.41	1.39	1.42	1.39	1.46	1.38	1.43
180	1.40	1.41	1.41	1.42	1.42	1.41	1.42	1.42	1.41	1.49	1.42	1.49	1.41	1.41	1.42	1.43	1.46	1.41	1.43

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.400m [K=1.0000]
Remarks: 1M

BUDDY SILICONE (21.AB10.7517.00)

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: BUDDY SILICON-21.AB10.7517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M TOP BENDING 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:

Table--2 UNIT: cd

C(DEG) / γ (DEG)	285	300	315	330	345														
0	384	384	384	384	384														
5	384	384	383	383	382														
10	380	380	379	378	377														
15	372	372	371	370	369														
20	362	362	360	359	358														
25	348	348	346	345	343														
30	331	331	329	328	325														
35	311	311	309	307	305														
40	289	289	286	285	282														
45	265	264	262	260	256														
50	238	238	235	233	229														
55	209	209	206	205	200														
60	179	179	176	174	169														
65	147	147	144	142	138														
70	114	114	111	109	105														
75	81.4	81.1	78.0	76.4	72.0														
80	50.0	50.0	46.9	45.3	41.3														
85	23.4	23.2	20.8	19.2	15.9														
90	6.87	6.68	5.38	4.24	2.42														
95	3.08	2.65	2.29	1.57	0.97														
100	2.70	2.25	1.83	1.24	0.80														
105	2.59	2.22	1.82	1.23	0.77														
110	2.54	2.20	1.80	1.22	0.71														
115	2.49	2.17	1.79	1.19	0.68														
120	2.45	2.15	1.77	1.15	0.68														
125	2.40	2.08	1.75	1.01	0.75														
130	2.29	1.94	1.58	0.94	0.84														
135	2.09	1.74	1.35	1.02	0.90														
140	1.84	1.45	1.16	1.11	0.98														
145	1.41	1.24	1.14	1.19	1.09														
150	1.28	1.27	1.21	1.27	1.13														
155	1.28	1.33	1.26	1.32	1.24														
160	1.31	1.41	1.32	1.39	1.26														
165	1.39	1.45	1.39	1.43	1.32														
170	1.39	1.48	1.40	1.46	1.39														
175	1.40	1.49	1.42	1.49	1.41														
180	1.41	1.50	1.42	1.47	1.42														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.400m [K=1.0000]
Remarks: 1M