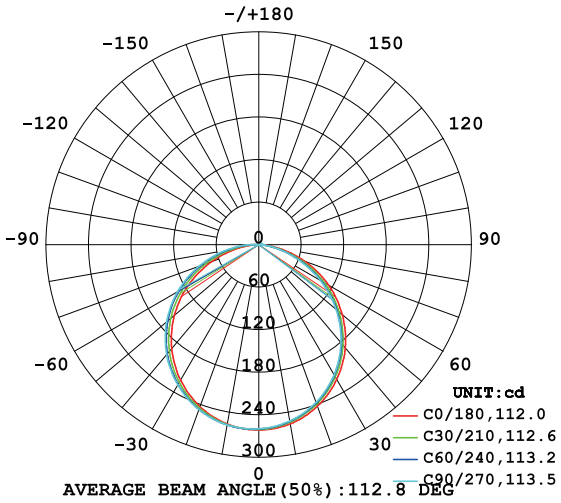
/BUDDY SILICONE (21.AB10.6517.00)

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: BUDDY SILICONE-21.AB10.6517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE BENDING 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:

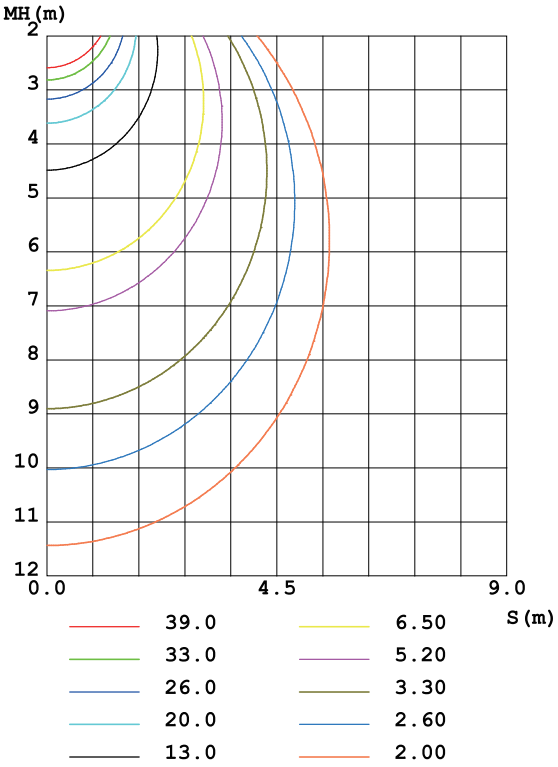
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 49.44 lm/W	
MODEL	21.AB10.6517.00	Imax(cd)	261.5	S/MH(C0/180)	1.26
NOMINAL POWER(W)	15.1301	LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	758.06	η UP,DN(C0-180)	0.7,46.2
NOMINAL FLUX(lm)	758.059	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.5,52.6
LAMPS INSIDE	1	η up(%)	1.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	98.8	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):112.8 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:2025-10-16

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.AB10.6517.00**)

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	256.6	253.9	252.6	252.7	257.0	257.7	258.2	256.4	0- 10	24.59	24.59	3.24,3.24
20	242.4	238.6	236.6	237.8	243.1	246.0	247.5	244.8	10- 20	70.47	95.07	12.5,12.5
30	219.7	215.0	212.2	214.3	220.8	225.9	228.5	224.9	20- 30	106.9	201.9	26.6,26.6
40	189.9	183.8	180.4	183.4	191.0	198.0	202.3	197.6	30- 40	128.9	330.9	43.6,43.6
50	154.2	146.5	142.5	146.5	155.6	164.3	169.9	164.2	40- 50	134.0	464.8	61.3,61.3
60	113.2	104.4	99.95	104.7	114.9	125.6	132.1	125.9	50- 60	121.3	586.1	77.3,77.3
70	69.02	60.01	55.52	60.68	70.94	83.61	90.34	83.89	60- 70	92.56	678.7	89.5,89.5
80	26.22	20.15	18.14	20.77	28.37	40.16	47.28	41.17	70- 80	53.25	731.9	96.5,96.5
90	0.3788	3.743	4.795	3.841	2.484	7.499	12.27	8.197	80- 90	16.97	748.9	98.8,98.8
100	0.3728	2.689	4.273	2.590	0.5793	1.366	2.329	1.268	90-100	3.166	752.0	99.2,99.2
110	0.3668	2.257	3.989	2.225	0.4387	0.9901	1.291	0.9867	100-110	1.792	753.8	99.4,99.4
120	0.4710	0.8686	2.829	1.275	0.5605	0.9212	1.202	0.9755	110-120	1.354	755.2	99.6,99.6
130	0.5931	0.7827	1.301	0.8147	0.6664	0.8682	1.170	0.9642	120-130	0.8912	756.1	99.7,99.7
140	0.7193	0.8206	0.8853	0.8205	0.7800	0.8141	1.080	0.9261	130-140	0.6596	756.7	99.8,99.8
150	0.7717	0.9017	0.8814	0.9017	0.8774	0.8197	0.9748	0.9341	140-150	0.5401	757.3	99.9,99.9
160	0.8700	0.9650	0.8934	0.9750	0.9505	0.8861	0.9765	0.9572	150-160	0.4204	757.7	100,100
170	0.9583	0.9829	0.9755	0.9991	0.9823	0.9503	0.9850	0.9774	160-170	0.2713	758.0	100,100
180	0.9829	0.9910	0.9910	0.9991	0.9910	0.9829	0.9910	0.9991	170-180	0.0942	758.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

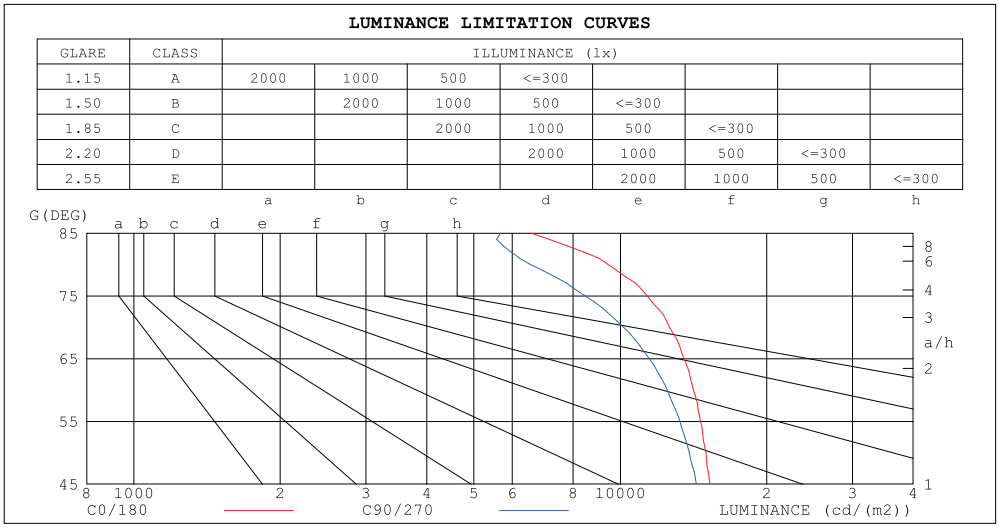
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-16

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.AB10.6517.00)

LUMINANCE LIMITATION CURVES

NAME: BUDDY SILICONE-21.AB10.6517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE BENDING 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	6537	5680
80	9437	6528
75	11348	8460
70	12612	10145
65	13516	11469
60	14146	12494
55	14611	13265
50	14996	13855
45	15262	14330

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-16

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.AB10.6517.00)

WEC AND CCEC

NAME: BUDDY SILICONE-21.AB10.6517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE 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	.314	.178	.057	.306	.175	.056	.292	.168	.054	.280	.161	.052	.268	.155	.050	
2.0	.294	.161	.049	.287	.158	.049	.275	.153	.047	.263	.148	.046	.253	.143	.045	
3.0	.271	.144	.043	.265	.142	.043	.254	.138	.042	.244	.134	.041	.235	.130	.040	
4.0	.250	.130	.038	.245	.128	.038	.235	.125	.037	.226	.121	.037	.218	.118	.036	
5.0	.231	.118	.034	.226	.116	.034	.218	.113	.033	.210	.111	.033	.202	.108	.032	
6.0	.214	.107	.031	.210	.106	.031	.202	.104	.030	.195	.101	.030	.188	.099	.029	
7.0	.199	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.176	.091	.027	
8.0	.186	.091	.026	.183	.090	.025	.176	.088	.025	.171	.086	.025	.165	.085	.025	
9.0	.174	.084	.024	.171	.083	.023	.166	.082	.023	.160	.080	.023	.155	.079	.023	
10.0	.164	.078	.022	.161	.078	.022	.156	.076	.022	.151	.075	.021	.147	.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	.200	.200	.200	.171	.171	.171	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.190	.165	.143	.162	.142	.123	.111	.098	.085	.064	.057	.050	.020	.018	.016	
2.0	.182	.141	.107	.156	.122	.093	.107	.084	.065	.062	.049	.038	.020	.016	.012	
3.0	.174	.124	.084	.149	.107	.072	.102	.074	.051	.059	.043	.030	.019	.014	.010	
4.0	.167	.110	.068	.143	.095	.059	.098	.067	.041	.057	.039	.024	.018	.013	.008	
5.0	.159	.100	.057	.137	.087	.049	.094	.061	.035	.055	.036	.021	.018	.012	.007	
6.0	.152	.092	.049	.131	.079	.042	.090	.056	.030	.052	.033	.018	.017	.011	.006	
7.0	.145	.085	.043	.125	.074	.037	.086	.052	.026	.050	.030	.016	.016	.010	.005	
8.0	.139	.079	.038	.119	.069	.033	.083	.048	.024	.048	.028	.014	.016	.009	.005	
9.0	.133	.074	.035	.114	.064	.030	.079	.045	.022	.046	.027	.013	.015	.009	.004	
10.0	.127	.070	.032	.109	.061	.028	.076	.043	.020	.044	.025	.012	.014	.008	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-16

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.AB10.6517.00)

UGR(Unified Glare Rating) Table

NAME: BUDDY SILICONE-21.AB10.6517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE 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	21.9	23.4	22.2	23.6	23.8	21.4	22.9	21.7	23.2	23.4
	3H	23.3	24.7	23.7	25.0	25.3	22.7	24.1	23.0	24.3	24.6
	4H	23.9	25.2	24.2	25.5	25.8	23.1	24.4	23.4	24.7	25.0
	6H	24.2	25.5	24.6	25.8	26.1	23.3	24.5	23.6	24.8	25.1
	8H	24.3	25.5	24.7	25.8	26.2	23.3	24.5	23.7	24.8	25.2
	12H	24.4	25.5	24.7	25.8	26.2	23.3	24.5	23.7	24.8	25.2
4H	2H	22.4	23.7	22.7	24.0	24.2	22.0	23.3	22.3	23.6	23.9
	3H	24.0	25.1	24.3	25.5	25.8	23.4	24.6	23.8	24.9	25.2
	4H	24.6	25.7	25.0	26.0	26.4	23.9	25.0	24.3	25.3	25.7
	6H	25.1	26.0	25.5	26.4	26.8	24.2	25.2	24.6	25.5	25.9
	8H	25.2	26.1	25.6	26.5	26.9	24.3	25.2	24.7	25.6	26.0
	12H	25.3	26.1	25.7	26.5	26.9	24.3	25.2	24.8	25.6	26.0
8H	4H	24.8	25.6	25.2	26.0	26.4	24.1	25.0	24.5	25.4	25.8
	6H	25.3	26.0	25.8	26.5	26.9	24.5	25.3	25.0	25.7	26.1
	8H	25.5	26.1	26.0	26.6	27.1	24.7	25.3	25.1	25.8	26.2
	12H	25.6	26.2	26.1	26.6	27.1	24.8	25.3	25.3	25.8	26.3
12H	4H	24.7	25.6	25.2	26.0	26.4	24.1	24.9	24.5	25.3	25.8
	6H	25.3	26.0	25.8	26.4	26.9	24.5	25.2	25.0	25.6	26.1
	8H	25.5	26.1	26.0	26.6	27.1	24.7	25.3	25.2	25.7	26.2
Variations with the observer position at spacings:											
S = 1.0H		+ 0.2 / - 0.2					+ 0.2 / - 0.3				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H		+ 0.3 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117, 758.1 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -1.0)
Area: 0.016 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-16

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.AB10.6517.00)

UTILIZATION FACTORS TABLE

NAME: BUDDY SILICONE-21.AB10.6517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE 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	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	63	56	72	65	56	49
1.25	82	72	65	81	71	64	78	69	63	56
1.50	87	77	70	86	76	70	83	75	69	61
2.00	94	86	79	92	84	78	89	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	94	91	82
5.00	108	103	99	106	101	97	101	97	94	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

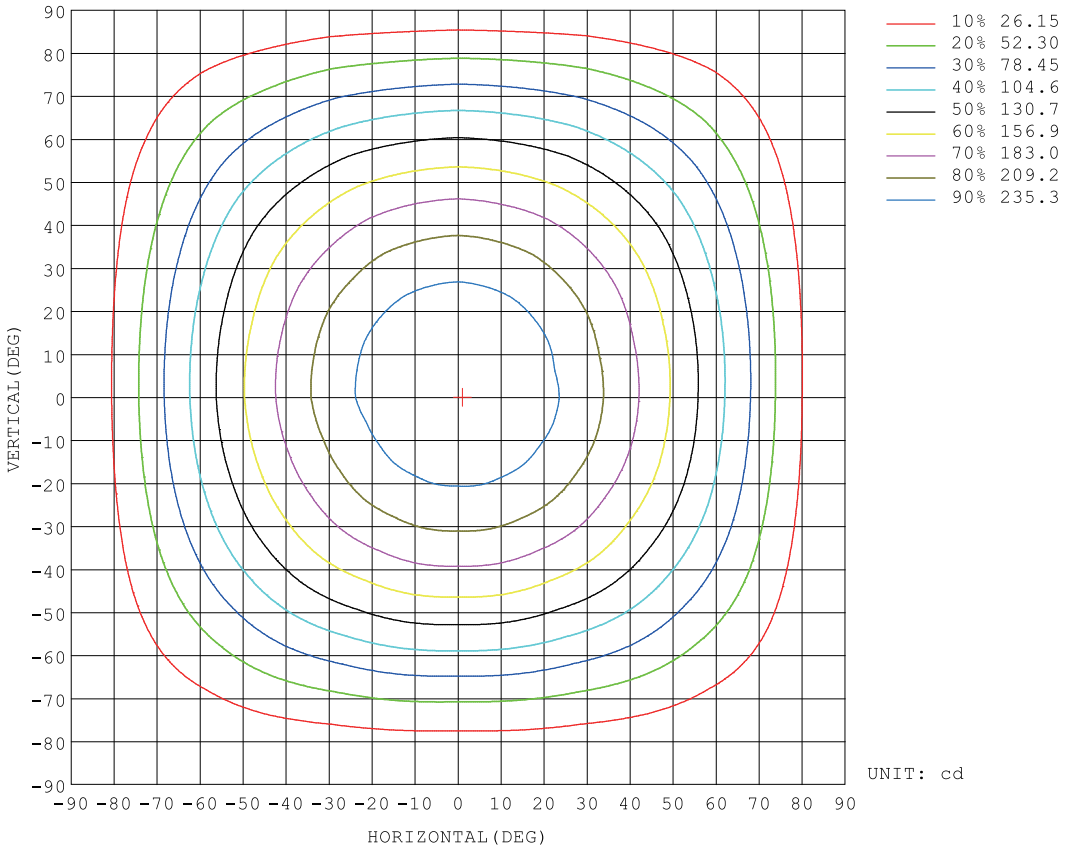
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-16

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.AB10.6517.00)

ISOCANDELA DIAGRAM

NAME: BUDDY SILICONE-21.AB10.6517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE BENDING 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:



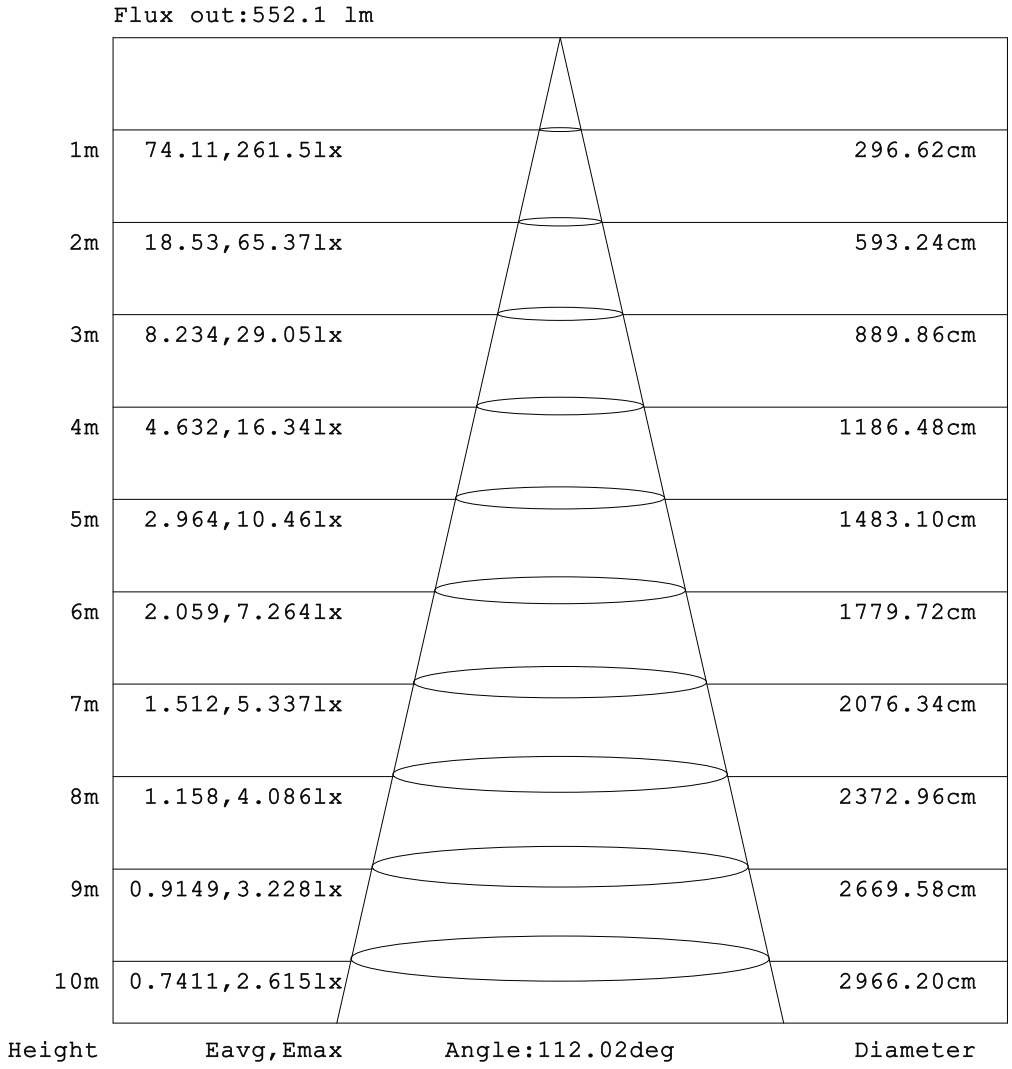
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-16

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.AB10.6517.00)

AAI Figure

NAME: BUDDY SILICONE-21.AB10.6517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE BENDING 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:



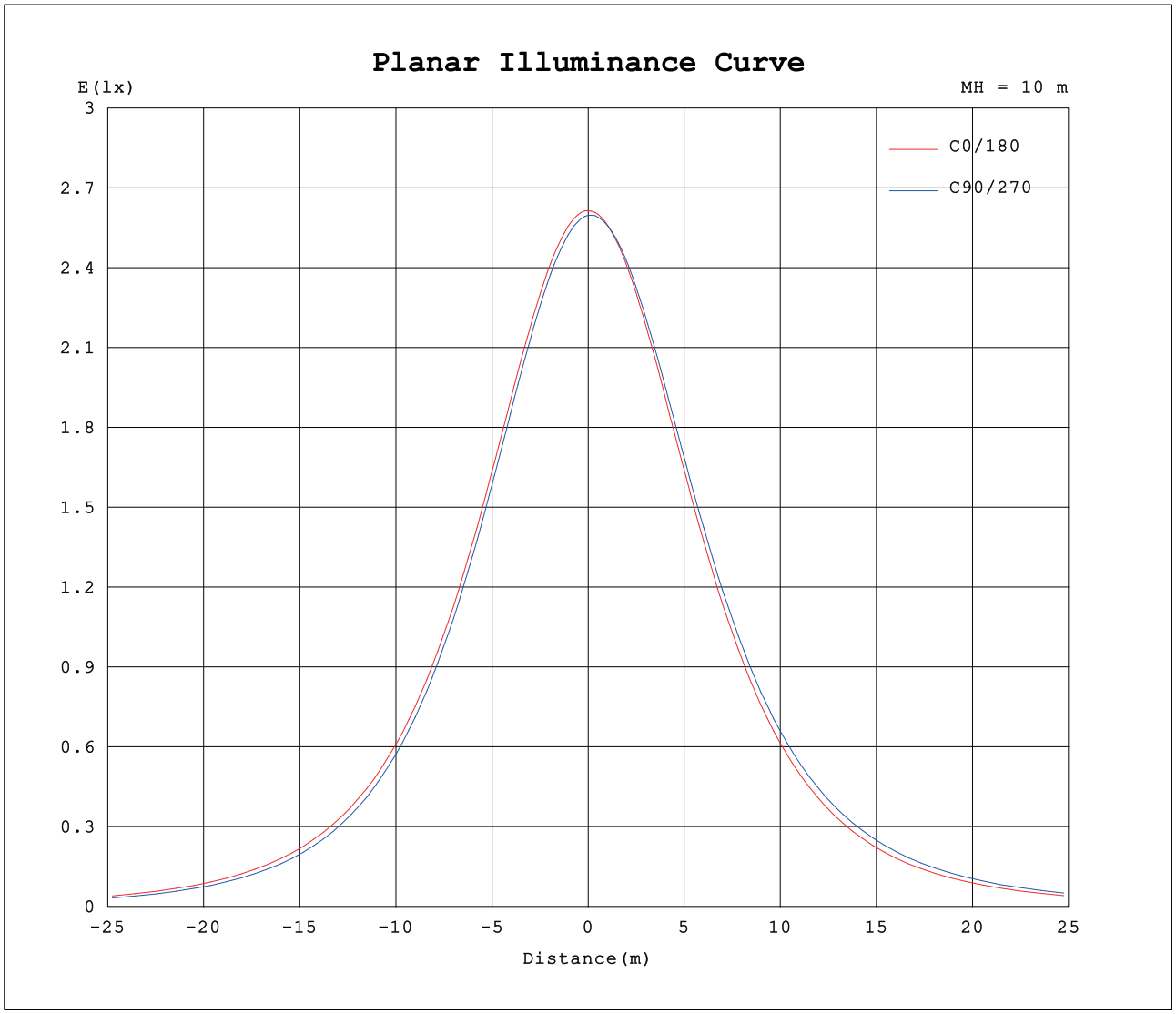
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-16

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.AB10.6517.00**)

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-16

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.AB10.6517.00)

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: BUDDY SILICONE-21.AB10.6517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE BENDING 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:

Table--1 UNIT: cd

C(DEG) / γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	261	261	261	260	260	260	260	259	259	259	259	259	261	261	261	260	260	260	260
5	260	260	259	258	258	258	257	257	257	257	257	257	260	260	260	260	260	260	260
10	257	256	254	254	253	253	253	253	252	253	253	254	257	257	258	258	258	258	258
15	251	249	248	247	246	246	246	246	246	246	247	248	251	251	252	253	254	254	254
20	242	241	239	239	237	237	237	237	237	238	238	239	243	244	245	246	247	247	248
25	232	231	228	228	226	226	225	226	226	227	227	229	233	234	236	237	238	239	239
30	220	218	216	215	213	213	212	213	213	214	215	217	221	222	224	226	228	228	229
35	206	204	201	200	198	198	197	198	198	200	200	203	207	208	211	213	215	215	216
40	190	188	185	184	182	181	180	181	181	183	184	187	191	193	196	198	201	201	202
45	173	170	167	166	163	163	162	163	163	166	167	169	174	176	180	182	185	186	187
50	154	151	148	146	144	144	142	144	144	147	148	151	156	158	162	164	168	169	170
55	134	131	128	126	123	123	122	123	124	126	128	131	136	138	143	146	149	150	152
60	113	110	106	104	102	101	100.0	101	102	105	107	110	115	118	123	126	130	131	132
65	91.4	88.5	84.2	82.3	79.2	78.8	77.6	79.1	79.7	82.8	84.8	88.6	93.1	96.4	102	105	109	110	112
70	69.0	66.2	61.9	60.0	57.0	56.8	55.5	57.1	57.5	60.7	62.5	66.6	70.9	74.5	80.0	83.6	87.4	88.8	90.3
75	47.0	44.3	40.1	38.7	36.2	36.3	35.0	36.5	36.6	39.4	40.9	44.8	49.0	52.7	58.1	61.6	65.6	67.1	68.7
80	26.2	23.9	20.8	20.2	18.7	19.1	18.1	19.2	19.0	20.8	21.5	24.6	28.4	31.7	36.7	40.2	44.2	45.8	47.3
85	9.12	7.99	7.21	7.81	7.69	8.14	7.92	8.16	7.74	8.03	7.68	8.60	11.3	13.7	17.8	20.9	24.8	26.2	27.5
90	0.38	1.57	2.86	3.74	4.37	4.69	4.79	4.64	4.38	3.84	3.09	2.05	2.48	2.87	5.21	7.50	10.2	11.4	12.3
95	0.38	0.76	1.64	2.43	3.35	3.96	4.31	3.90	3.30	2.46	1.93	1.14	1.70	0.96	1.02	2.10	3.40	4.25	4.68
100	0.37	0.53	1.75	2.69	3.35	3.96	4.27	3.86	3.27	2.59	1.84	0.71	0.58	0.53	0.88	1.37	1.82	2.26	2.33
105	0.37	0.46	1.54	2.66	3.34	3.90	4.15	3.83	3.27	2.44	1.61	0.55	0.44	0.46	0.71	1.08	1.36	1.60	1.55
110	0.37	0.46	0.85	2.26	3.28	3.78	3.99	3.75	3.20	2.22	1.17	0.50	0.44	0.46	0.70	0.99	1.15	1.36	1.29
115	0.44	0.51	0.63	1.40	2.78	3.39	3.64	3.40	2.71	1.61	1.01	0.52	0.50	0.46	0.70	0.97	1.05	1.28	1.27
120	0.47	0.57	0.64	0.87	1.72	2.52	2.83	2.60	1.96	1.27	0.76	0.57	0.56	0.48	0.69	0.92	1.03	1.23	1.20
125	0.52	0.63	0.64	0.79	1.13	1.56	1.89	1.76	1.53	0.97	0.67	0.63	0.61	0.53	0.69	0.89	1.01	1.21	1.18
130	0.59	0.69	0.64	0.78	0.91	1.00	1.30	1.24	1.13	0.81	0.67	0.69	0.67	0.58	0.71	0.87	0.97	1.16	1.17
135	0.64	0.74	0.71	0.80	0.84	0.91	0.94	0.88	0.85	0.78	0.67	0.73	0.73	0.63	0.72	0.84	0.89	1.14	1.12
140	0.72	0.80	0.72	0.82	0.81	0.90	0.89	0.88	0.84	0.82	0.72	0.77	0.78	0.70	0.77	0.81	0.87	1.06	1.08
145	0.73	0.84	0.77	0.88	0.84	0.88	0.88	0.89	0.84	0.86	0.76	0.81	0.82	0.74	0.82	0.82	0.87	0.97	0.98
150	0.77	0.89	0.85	0.90	0.86	0.90	0.88	0.93	0.85	0.90	0.84	0.89	0.88	0.79	0.88	0.82	0.88	0.93	0.97
155	0.83	0.93	0.85	0.93	0.88	0.94	0.88	0.97	0.86	0.95	0.85	0.92	0.91	0.84	0.92	0.85	0.93	0.93	0.97
160	0.87	0.96	0.91	0.97	0.91	0.97	0.89	0.99	0.90	0.97	0.88	0.95	0.95	0.86	0.95	0.89	0.97	0.93	0.98
165	0.89	0.97	0.93	0.98	0.96	1.00	0.97	0.99	0.93	1.00	0.91	0.98	0.98	0.89	0.98	0.91	0.98	0.94	0.98
170	0.96	0.98	0.98	0.98	0.98	1.00	0.98	1.00	0.98	1.00	0.97	1.00	0.98	0.94	0.99	0.95	0.98	0.98	0.99
175	0.98	0.99	0.99	0.99	0.99	1.00	0.99	1.00	0.98	1.00	0.98	1.00	0.99	0.98	0.99	0.97	0.98	0.99	0.99
180	0.98	0.99	0.99	0.99	1.00	1.00	0.99	1.00	0.98	1.00	0.98	1.00	0.99	0.98	0.99	0.98	0.98	0.99	0.99

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-16

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.AB10.6517.00)

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: BUDDY SILICONE-21.AB10.6517.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE BENDING 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:

Table--2 UNIT: cd

γ (DEG) \ C(DEG)	285	300	315	330	345														
0	259	259	259	259	259														
5	260	259	259	258	258														
10	258	257	256	256	255														
15	253	253	252	251	249														
20	247	246	245	244	242														
25	238	238	236	234	232														
30	228	227	225	223	220														
35	215	214	212	210	207														
40	201	200	198	195	191														
45	185	185	182	179	175														
50	168	168	164	161	157														
55	150	149	146	143	137														
60	131	130	126	123	117														
65	111	109	105	102	95.8														
70	89.2	88.0	83.9	80.3	74.3														
75	67.6	66.3	62.3	58.4	52.5														
80	46.2	45.0	41.2	37.3	31.4														
85	26.6	25.5	22.0	18.4	13.5														
90	11.7	10.8	8.20	5.60	2.48														
95	4.25	3.51	2.42	1.34	0.62														
100	2.20	1.70	1.27	0.74	0.52														
105	1.54	1.24	1.02	0.74	0.51														
110	1.34	1.16	0.99	0.74	0.51														
115	1.27	1.14	0.98	0.75	0.52														
120	1.24	1.13	0.98	0.77	0.52														
125	1.23	1.11	0.97	0.77	0.55														
130	1.22	1.08	0.96	0.78	0.59														
135	1.21	1.03	0.96	0.80	0.66														
140	1.15	0.98	0.93	0.82	0.71														
145	1.07	0.97	0.92	0.86	0.74														
150	0.99	0.97	0.93	0.92	0.80														
155	0.97	0.97	0.95	0.94	0.85														
160	0.97	1.00	0.96	0.98	0.87														
165	0.98	1.01	0.97	1.00	0.91														
170	1.00	1.01	0.98	1.00	0.94														
175	1.01	1.01	0.99	1.01	0.97														
180	1.01	1.01	1.00	1.01	0.98														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-16

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