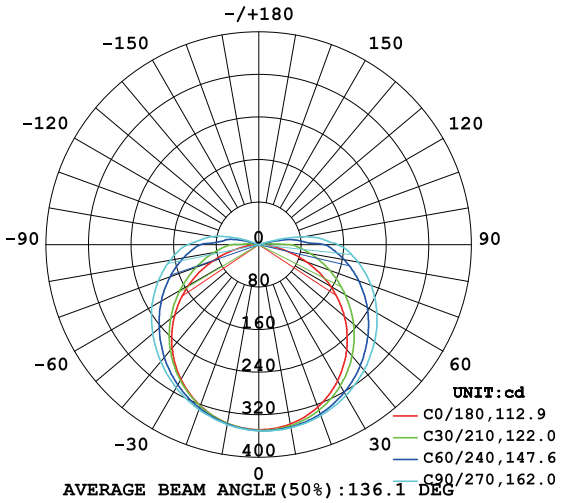
/BUDDY SILICONE (21.AB10.1227.00)

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: BUDDY SILICONE-21.AB10.1227.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LEDM 24V 3000K.	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.010*1	Shielding Angle:

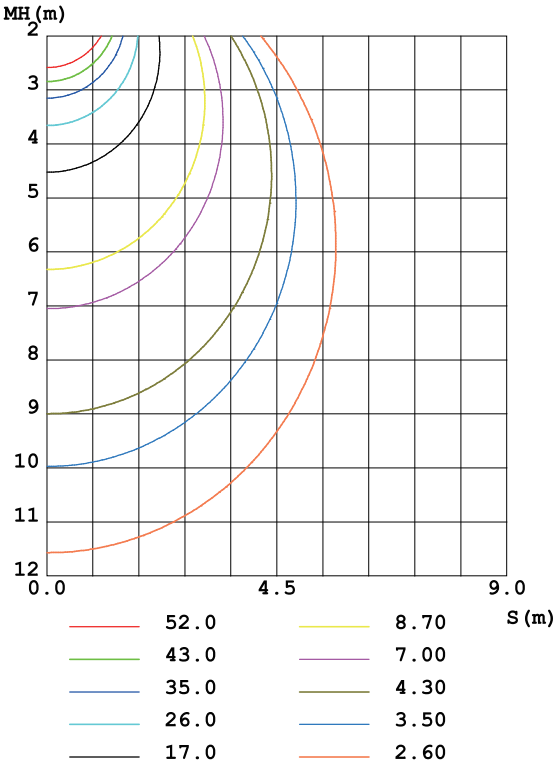
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 113.92 lm/W	
MODEL	21.AB10.1227.00	Imax(cd)	350.7	S/MH(C0/180)	1.25
NOMINAL POWER(W)	11.7513	LOR(%)	100.0	S/MH(C90/270)	1.33
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	1375.8	η UP,DN(C0-180)	2.9,48.6
NOMINAL FLUX(lm)	1375.85	CIE CLASS	DIRECT	η UP,DN(C180-360)	3.1,45.4
LAMPS INSIDE	1	η up(%)	6.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	24	η down(%)	94.0	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):136.1 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:2025-10-20

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.AB10.1227.00**)

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	342.5	347.2	349.5	347.1	341.1	341.4	343.3	343.6	0- 10	33.14	33.14	2.41,2.41
20	324.9	335.4	341.9	334.5	322.3	324.4	329.9	327.3	10- 20	95.66	128.8	9.36,9.36
30	296.0	314.8	327.6	312.9	292.7	299.1	310.7	302.9	20- 30	147.5	276.3	20.1,20.1
40	257.4	286.1	308.2	283.6	253.7	266.5	287.0	271.1	30- 40	183.4	459.8	33.4,33.4
50	210.4	251.3	284.3	249.1	206.5	229.5	260.3	234.0	40- 50	200.4	660.2	48,48
60	156.0	213.4	256.7	211.5	152.5	190.5	232.1	195.1	50- 60	198.1	858.3	62.4,62.4
70	96.01	174.4	225.0	172.7	93.55	153.0	201.2	157.0	60- 70	178.7	1037	75.4,75.4
80	37.17	134.7	189.6	133.8	35.95	116.7	169.2	120.3	70- 80	146.7	1184	86,86
90	0.6663	95.92	148.7	95.46	2.577	82.88	133.3	86.02	80- 90	109.4	1293	94,94
100	0.6247	28.99	87.35	30.14	0.9456	33.42	89.07	34.22	90-100	59.01	1352	98.3,98.3
110	0.6310	1.023	3.967	1.188	0.7230	1.064	21.21	1.361	100-110	18.79	1371	99.6,99.6
120	0.7228	1.018	1.158	0.9573	0.8042	0.9924	1.186	1.081	110-120	1.447	1372	99.7,99.7
130	0.8528	1.048	1.097	0.9911	0.9426	1.002	1.180	1.086	120-130	0.9039	1373	99.8,99.8
140	0.9713	1.121	1.095	1.097	1.056	1.048	1.194	1.122	130-140	0.8188	1374	99.9,99.9
150	1.101	1.218	1.122	1.210	1.170	1.137	1.262	1.170	140-150	0.7149	1375	99.9,99.9
160	1.202	1.284	1.210	1.300	1.275	1.225	1.300	1.243	150-160	0.5628	1375	100,100
170	1.259	1.338	1.253	1.359	1.308	1.271	1.340	1.300	160-170	0.3647	1376	100,100
180	1.308	1.348	1.316	1.373	1.308	1.324	1.348	1.389	170-180	0.1260	1376	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

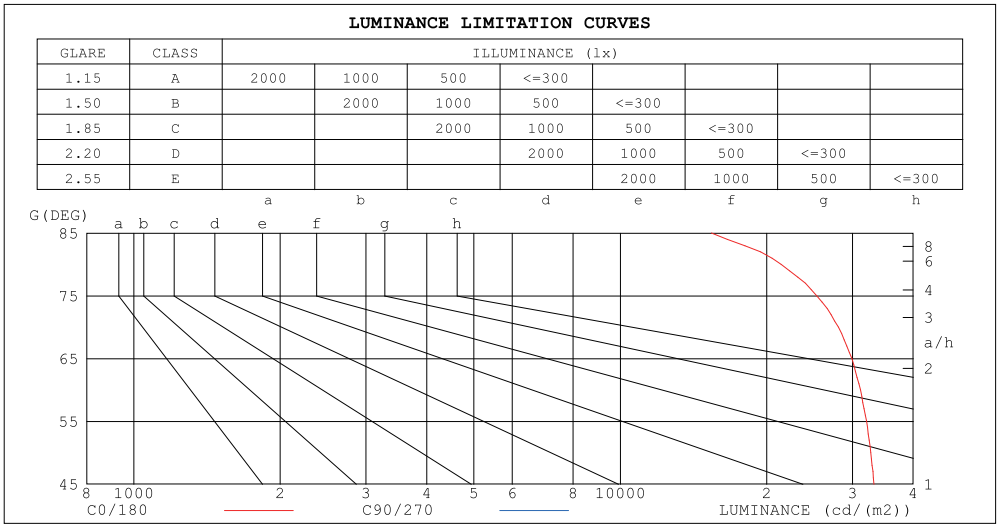
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-20

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.AB10.1227.00)

LUMINANCE LIMITATION CURVES

NAME: BUDDY SILICONE-21.AB10.1227.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LEDM 24V 3000K.	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.010*1	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	15377	196514
80	21405	109205
75	25333	80175
70	28072	65773
65	29925	57139
60	31195	51334
55	32102	47257
50	32727	44234
45	33201	41953

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-20

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.AB10.1227.00)

WEC AND CCEC

NAME: BUDDY SILICONE-21.AB10.1227.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LEDM 24V 3000K.	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.010*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	.396	.225	.071	.387	.221	.070	.370	.212	.068	.354	.204	.066	.340	.197	.064	
2.0	.343	.188	.058	.335	.185	.057	.320	.178	.055	.306	.171	.054	.293	.165	.052	
3.0	.305	.162	.049	.297	.159	.048	.284	.154	.047	.271	.149	.046	.259	.144	.044	
4.0	.274	.142	.042	.267	.140	.041	.255	.135	.040	.244	.131	.039	.233	.127	.039	
5.0	.249	.127	.037	.243	.125	.036	.232	.121	.036	.222	.117	.035	.212	.113	.034	
6.0	.228	.114	.033	.222	.112	.032	.213	.109	.032	.203	.106	.031	.195	.102	.030	
7.0	.210	.104	.029	.205	.102	.029	.196	.099	.029	.188	.096	.028	.180	.093	.027	
8.0	.194	.095	.027	.190	.094	.026	.182	.091	.026	.175	.088	.026	.167	.086	.025	
9.0	.181	.088	.024	.177	.086	.024	.170	.084	.024	.163	.082	.023	.156	.079	.023	
10.0	.169	.081	.023	.166	.080	.022	.159	.078	.022	.153	.076	.022	.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	.236	.236	.236	.202	.202	.202	.138	.138	.138	.079	.079	.079	.025	.025	.025	
1.0	.232	.202	.174	.199	.173	.150	.136	.119	.103	.078	.069	.060	.025	.022	.019	
2.0	.226	.178	.138	.193	.153	.120	.132	.106	.083	.076	.062	.049	.024	.020	.016	
3.0	.218	.161	.116	.187	.139	.101	.128	.097	.071	.074	.056	.042	.024	.018	.014	
4.0	.210	.149	.102	.180	.128	.088	.124	.089	.062	.072	.052	.037	.023	.017	.012	
5.0	.202	.138	.092	.173	.120	.080	.119	.084	.056	.069	.049	.033	.022	.016	.011	
6.0	.194	.130	.084	.167	.113	.073	.115	.079	.052	.067	.046	.031	.022	.015	.010	
7.0	.187	.124	.079	.161	.107	.069	.111	.075	.049	.065	.044	.029	.021	.014	.010	
8.0	.180	.118	.075	.155	.102	.065	.107	.072	.046	.062	.042	.028	.020	.014	.009	
9.0	.174	.113	.072	.150	.098	.063	.104	.069	.045	.060	.041	.027	.020	.013	.009	
10.0	.168	.109	.069	.144	.094	.061	.100	.066	.043	.058	.039	.026	.019	.013	.009	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-20

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.AB10.1227.00)

UGR(Unified Glare Rating) Table

NAME: BUDDY SILICONE-21.AB10.1227.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LEDM 24V 3000K.	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.010*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	24.3	25.9	24.7	26.2	26.6	26.4	28.0	26.8	28.3	28.6
3H	25.9	27.3	26.3	27.7	28.1	29.1	30.6	29.5	30.9	31.3
4H	26.5	27.9	26.9	28.2	28.6	30.6	32.0	31.0	32.4	32.8
6H	26.9	28.2	27.3	28.6	29.0	32.2	33.6	32.7	33.9	34.4
8H	27.0	28.3	27.5	28.7	29.1	33.1	34.4	33.6	34.8	35.2
12H	27.1	28.3	27.6	28.7	29.2	34.1	35.4	34.6	35.8	36.2
4H 2H	25.5	26.9	25.9	27.3	27.7	27.0	28.4	27.4	28.8	29.2
3H	27.3	28.6	27.8	29.0	29.4	30.0	31.2	30.4	31.6	32.1
4H	28.1	29.3	28.6	29.7	30.2	31.7	32.8	32.1	33.2	33.7
6H	28.8	29.8	29.3	30.2	30.8	33.5	34.5	34.0	35.0	35.5
8H	29.0	29.9	29.5	30.4	30.9	34.5	35.5	35.1	36.0	36.5
12H	29.1	30.0	29.6	30.5	31.0	35.7	36.6	36.2	37.1	37.6
8H 4H	29.2	30.2	29.7	30.7	31.2	32.0	33.0	32.5	33.5	34.0
6H	30.2	31.1	30.8	31.6	32.1	34.2	35.0	34.7	35.5	36.1
8H	30.7	31.4	31.2	31.9	32.5	35.4	36.2	36.0	36.7	37.3
12H	31.0	31.6	31.6	32.2	32.8	36.9	37.5	37.4	38.1	38.7
12H 4H	29.6	30.5	30.1	31.0	31.5	32.1	32.9	32.6	33.4	34.0
6H	30.8	31.6	31.4	32.1	32.7	34.3	35.0	34.9	35.6	36.2
8H	31.4	32.1	32.0	32.6	33.3	35.7	36.3	36.2	36.9	37.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 1376 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.1)
Area: 0.01 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-20

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.AB10.1227.00)

UTILIZATION FACTORS TABLE

NAME: BUDDY SILICONE-21.AB10.1227.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LEDM 24V 3000K.	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.010*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	51	39	31	50	38	31	49	38	31	24
0.80	60	47	39	59	47	39	57	46	39	31
1.00	68	55	47	67	55	47	64	56	46	38
1.25	75	63	54	73	62	54	70	60	53	44
1.50	80	68	60	78	67	59	75	65	58	49
2.00	87	77	69	85	75	68	81	73	66	56
2.50	92	82	74	89	80	73	85	77	71	61
3.00	95	86	79	93	85	78	88	81	75	65
4.00	100	92	86	97	90	84	92	86	81	70
5.00	103	96	91	100	94	89	95	90	85	74
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

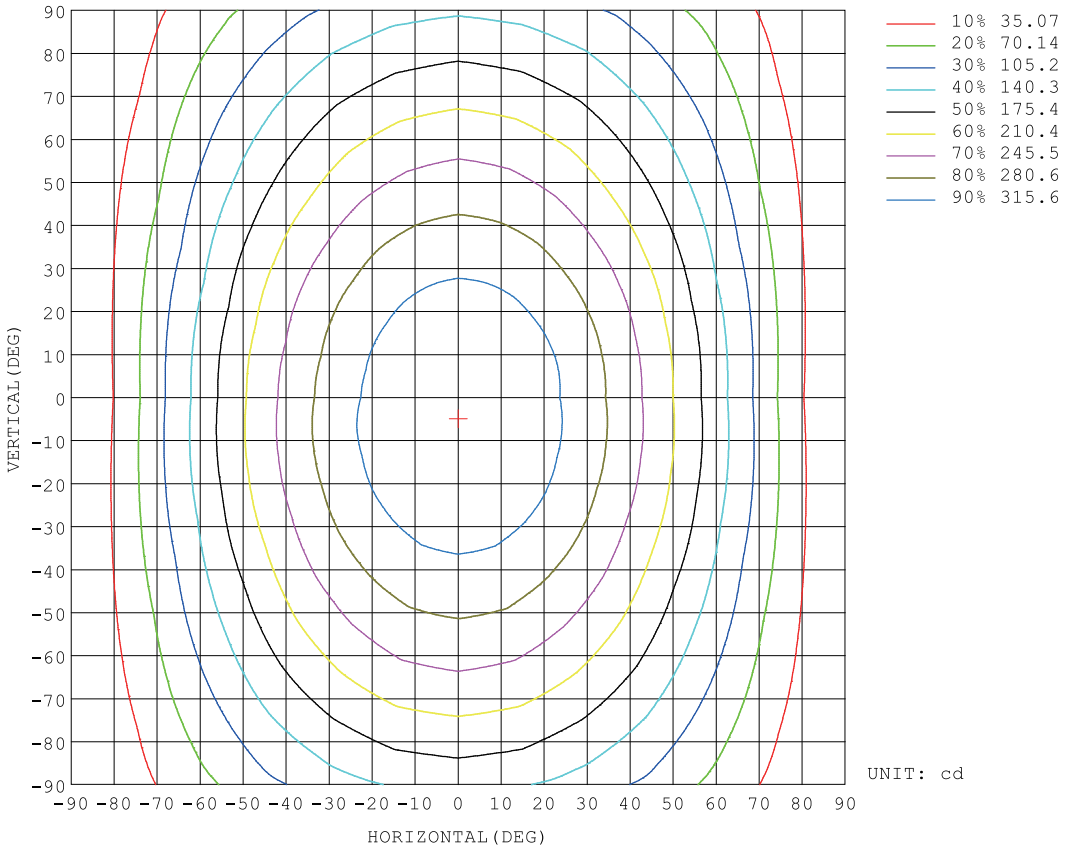
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-20

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.AB10.1227.00)

ISOCANDELA DIAGRAM

NAME: BUDDY SILICONE-21.AB10.1227.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LEDM 24V 3000K.	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.010*1	Shielding Angle:



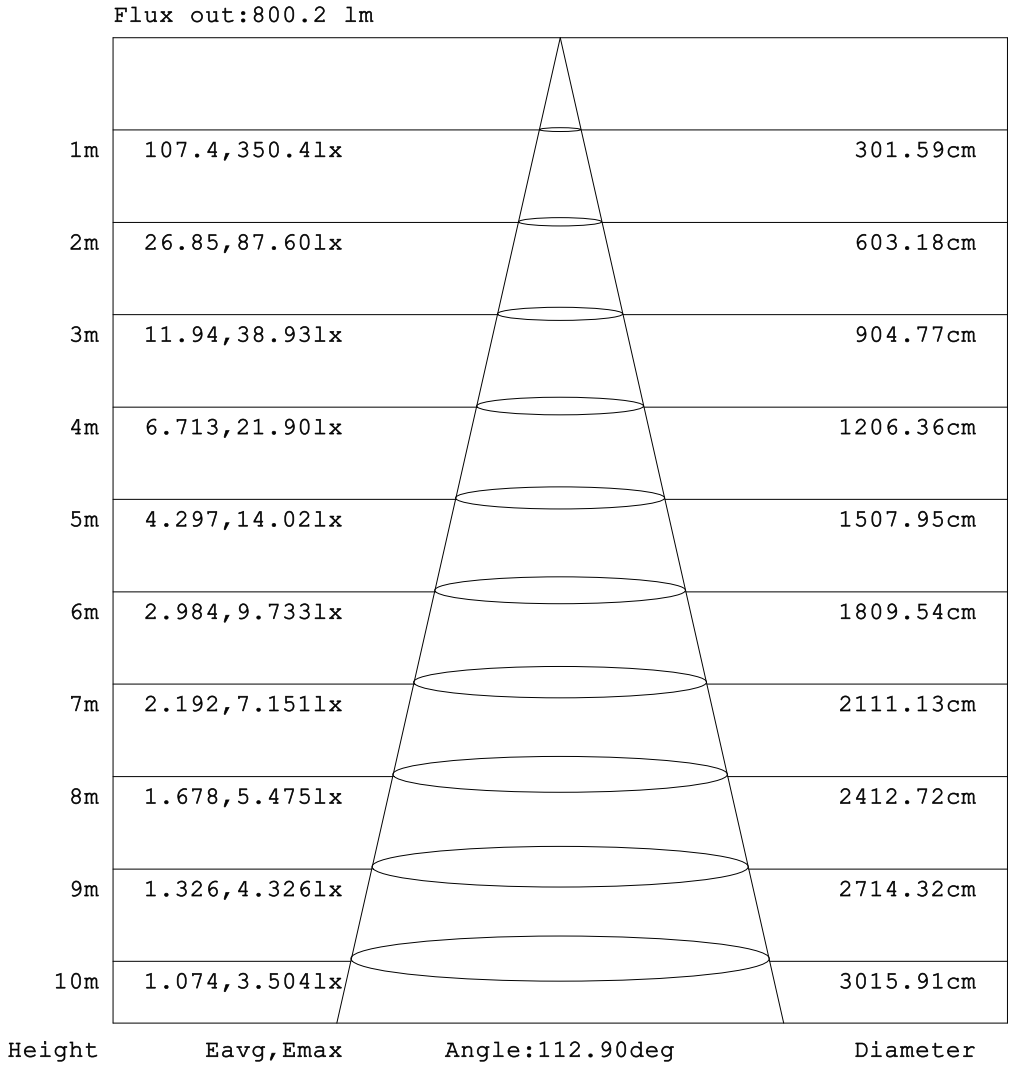
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-20

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.AB10.1227.00)

AAI Figure

NAME: BUDDY SILICONE-21.AB10.1227.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LEDM 24V 3000K.	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.010*1	Shielding Angle:



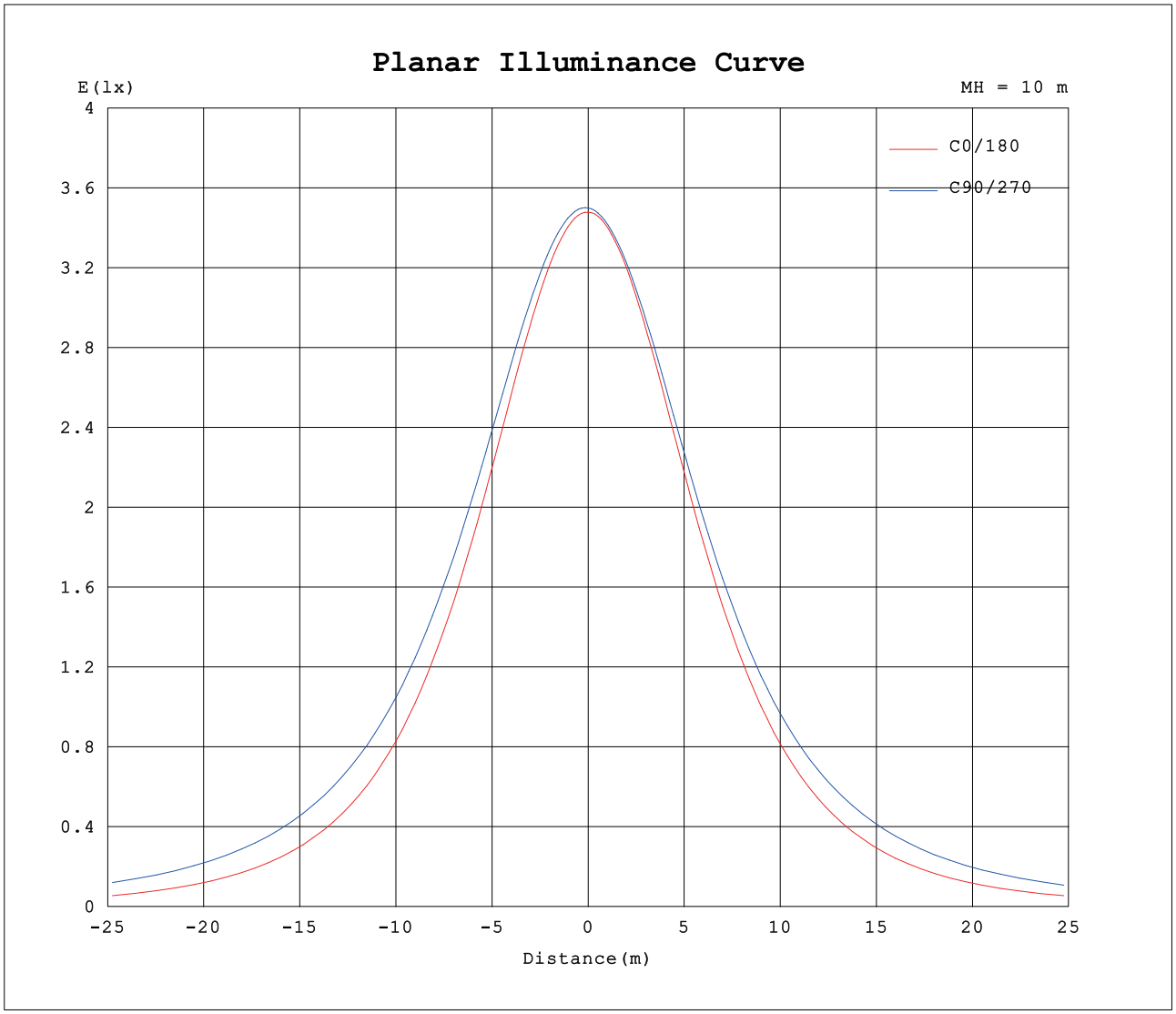
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-20

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.AB10.1227.00**)

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-20

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.AB10.1227.00)

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: BUDDY SILICONE-21.AB10.1227.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LEDM 24V 3000K.	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.010*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	348	349	349	349	350	350	350	350	350	350	350	350	348	349	349	349	350	350	350
5	347	348	349	349	350	350	351	351	350	350	349	349	346	346	347	347	347	347	348
10	343	344	346	347	348	349	350	349	348	347	346	344	341	341	341	341	342	343	343
15	335	338	340	342	344	346	346	346	344	342	339	337	333	332	333	334	336	336	337
20	325	328	331	335	339	341	342	341	338	334	330	327	322	322	323	324	327	329	330
25	312	316	320	326	331	335	336	334	330	325	318	314	309	308	310	313	317	319	321
30	296	301	307	315	321	326	328	326	320	313	304	299	293	292	295	299	305	308	311
35	278	284	291	301	310	317	318	316	308	299	288	281	274	274	278	284	291	296	299
40	257	264	273	286	297	306	308	305	295	284	270	261	254	253	259	267	276	283	287
45	235	242	254	269	283	294	297	293	281	267	251	239	231	231	238	248	261	270	274
50	210	219	233	251	268	281	284	280	266	249	230	216	206	207	217	229	245	255	260
55	184	194	211	232	252	267	271	266	251	230	208	190	180	181	194	210	228	241	247
60	156	168	188	213	236	252	257	251	234	211	185	164	153	155	171	191	212	226	232
65	126	140	165	194	218	236	241	236	217	192	162	137	123	128	148	172	195	210	217
70	96.0	113	142	174	200	219	225	219	200	173	140	110	93.5	101	126	153	178	194	201
75	65.6	86.5	120	154	182	201	208	201	181	153	118	84.1	63.8	75.2	105	135	161	178	185
80	37.2	62.5	98.9	135	163	183	190	183	163	134	97.3	60.5	36.0	52.7	85.6	117	144	162	169
85	13.4	41.6	78.8	115	144	164	171	165	144	115	77.8	40.3	13.4	34.0	68.0	99.7	127	145	153
90	0.67	23.0	60.2	95.9	124	143	149	144	124	95.5	59.7	23.9	2.58	19.9	52.2	82.9	110	127	133
95	0.63	2.23	22.1	47.4	80.0	108	120	109	79.8	46.7	20.1	2.56	1.71	3.21	20.9	41.3	72.5	96.8	109
100	0.62	0.74	3.07	29.0	55.7	79.3	87.4	80.2	58.0	30.1	3.37	1.52	0.95	0.72	8.80	33.4	58.2	77.0	89.1
105	0.63	0.74	0.94	2.66	14.9	33.7	38.1	34.1	15.0	2.27	0.83	0.67	0.67	0.71	1.04	6.46	31.0	48.2	57.3
110	0.63	0.75	0.92	1.02	1.34	3.29	3.97	2.96	1.17	1.19	0.82	0.71	0.72	0.71	0.91	1.06	3.94	14.4	21.2
115	0.66	0.78	0.91	1.02	1.15	1.30	1.19	1.08	1.04	1.07	0.82	0.76	0.76	0.72	0.87	0.99	1.19	1.28	2.06
120	0.72	0.84	0.92	1.02	1.12	1.14	1.16	1.08	1.03	0.96	0.83	0.81	0.80	0.74	0.89	0.99	1.16	1.20	1.19
125	0.78	0.90	0.93	1.02	1.10	1.12	1.14	1.08	1.02	0.96	0.85	0.87	0.89	0.84	0.93	1.00	1.12	1.17	1.18
130	0.85	0.94	0.94	1.05	1.08	1.11	1.10	1.08	1.02	0.99	0.88	0.93	0.94	0.88	0.99	1.00	1.09	1.15	1.18
135	0.90	1.01	0.97	1.08	1.08	1.11	1.09	1.11	1.03	1.06	0.97	1.02	1.01	0.95	1.06	1.02	1.13	1.16	1.19
140	0.97	1.06	1.02	1.12	1.10	1.14	1.09	1.14	1.03	1.10	1.00	1.06	1.06	0.99	1.10	1.05	1.17	1.16	1.19
145	1.02	1.13	1.10	1.17	1.13	1.19	1.11	1.18	1.10	1.15	1.10	1.14	1.11	1.10	1.15	1.13	1.20	1.16	1.23
150	1.10	1.19	1.13	1.22	1.14	1.22	1.12	1.22	1.12	1.21	1.14	1.19	1.17	1.12	1.20	1.14	1.24	1.16	1.26
155	1.13	1.23	1.15	1.25	1.16	1.25	1.15	1.25	1.17	1.27	1.17	1.24	1.22	1.15	1.25	1.19	1.28	1.22	1.29
160	1.20	1.28	1.23	1.28	1.23	1.28	1.21	1.28	1.23	1.30	1.23	1.28	1.28	1.20	1.29	1.22	1.32	1.23	1.30
165	1.24	1.32	1.26	1.32	1.25	1.32	1.24	1.31	1.25	1.33	1.26	1.32	1.30	1.23	1.33	1.25	1.33	1.26	1.33
170	1.26	1.35	1.27	1.34	1.26	1.33	1.25	1.31	1.28	1.36	1.28	1.36	1.31	1.27	1.35	1.27	1.34	1.28	1.34
175	1.28	1.37	1.28	1.35	1.28	1.33	1.28	1.31	1.29	1.37	1.31	1.38	1.31	1.30	1.36	1.32	1.34	1.30	1.35
180	1.31	1.38	1.32	1.35	1.31	1.32	1.32	1.32	1.33	1.37	1.38	1.39	1.31	1.32	1.36	1.32	1.32	1.32	1.35

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-20

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.AB10.1227.00)

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: BUDDY SILICONE-21.AB10.1227.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LEDM 24V 3000K.	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.010*1	Shielding Angle:

Table--2 UNIT: cd

γ (DEG) \ C(DEG)	285	300	315	330	345														
0	350	350	350	350	350														
5	348	348	348	349	349														
10	343	344	344	344	344														
15	337	337	337	337	337														
20	330	329	327	327	326														
25	320	319	316	314	313														
30	310	307	303	300	298														
35	298	294	288	283	279														
40	285	280	271	264	259														
45	271	264	253	244	237														
50	257	248	234	222	213														
55	242	231	215	199	187														
60	227	215	195	176	161														
65	212	198	176	153	133														
70	196	181	157	131	106														
75	179	163	138	110	79.8														
80	163	146	120	90.1	56.8														
85	146	129	103	72.0	37.5														
90	128	112	86.0	55.5	22.3														
95	98.7	74.5	44.2	24.5	4.38														
100	79.4	59.7	34.2	9.79	0.78														
105	50.6	34.5	10.9	1.20	0.78														
110	16.2	7.37	1.36	0.95	0.79														
115	1.65	1.16	1.10	0.93	0.80														
120	1.27	1.16	1.08	0.94	0.82														
125	1.23	1.16	1.08	0.99	0.87														
130	1.19	1.16	1.09	1.05	0.88														
135	1.20	1.17	1.09	1.10	0.95														
140	1.20	1.21	1.12	1.15	1.00														
145	1.20	1.23	1.13	1.18	1.09														
150	1.21	1.27	1.17	1.23	1.12														
155	1.22	1.31	1.24	1.29	1.15														
160	1.25	1.33	1.24	1.33	1.21														
165	1.26	1.36	1.28	1.37	1.24														
170	1.28	1.36	1.30	1.38	1.28														
175	1.29	1.37	1.35	1.39	1.32														
180	1.30	1.37	1.39	1.40	1.38														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-20

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