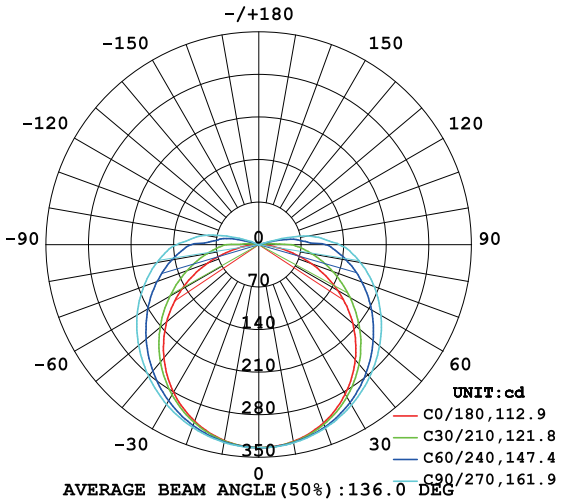
/BUDDY SILICONE (21.AB10.1217.00)

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: BUDDY SILICONE-21.AB10.1217.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LED/M 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.010*1	Shielding Angle:

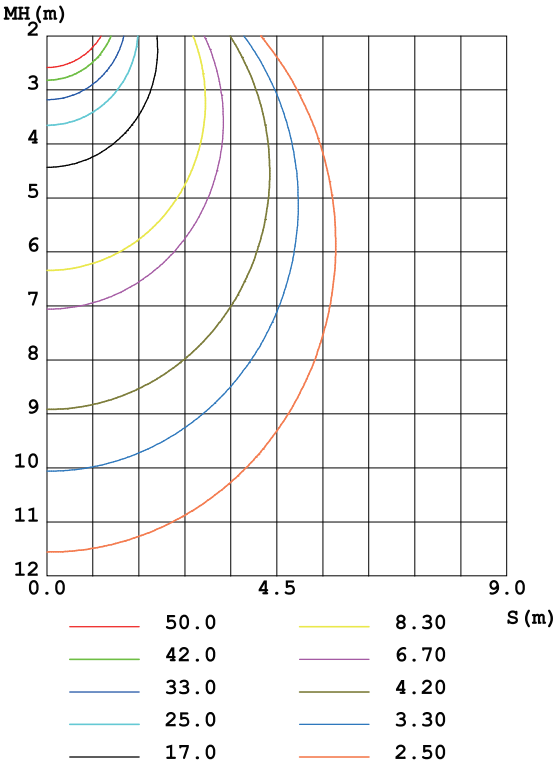
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 114.99 lm/W	
MODEL	21.AB10.1217.00	Imax(cd)	334.2	S/MH(C0/180)	1.25
NOMINAL POWER(W)	11.4034	LOR(%)	100.0	S/MH(C90/270)	1.36
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	1311.0	η UP,DN(C0-180)	2.8,47.1
NOMINAL FLUX(lm)	1310.97	CIE CLASS	DIRECT	η UP,DN(C180-360)	3.3,46.8
LAMPS INSIDE	1	η up(%)	6.1	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	24	η down(%)	93.9	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):136.0 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

IDEA

/BUDDY SILICONE (**21.AB10.1217.00**)

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	328.7	330.1	331.0	329.0	327.2	328.2	330.4	329.5	0- 10	31.66	31.66	2.41,2.41
20	312.0	317.0	321.0	315.1	309.0	313.5	319.7	315.9	10- 20	91.37	123.0	9.38,9.38
30	284.3	295.6	304.7	292.6	280.5	290.6	303.4	293.8	20- 30	140.8	263.9	20.1,20.1
40	247.3	266.6	283.9	263.0	243.0	260.7	282.4	264.7	30- 40	175.0	438.8	33.5,33.5
50	202.0	232.1	259.6	228.6	198.0	226.1	258.0	230.1	40- 50	190.9	629.8	48,48
60	149.9	195.3	232.2	192.0	146.1	189.3	231.3	193.1	50- 60	188.5	818.3	62.4,62.4
70	92.22	158.0	202.3	155.3	89.84	153.2	201.5	156.3	60- 70	169.8	988.1	75.4,75.4
80	35.55	121.2	169.8	119.5	34.69	117.8	170.3	120.4	70- 80	139.2	1127	86,86
90	0.7181	85.63	132.7	84.54	1.164	84.43	134.9	86.55	80- 90	103.6	1231	93.9,93.9
100	0.6281	27.40	82.46	28.17	0.6965	33.28	89.83	33.19	90-100	56.45	1287	98.2,98.2
110	0.6315	1.252	2.211	1.514	0.6986	1.564	22.88	1.274	100-110	18.59	1306	99.6,99.6
120	0.7146	1.039	1.137	0.9882	0.7882	0.9471	1.137	1.021	110-120	1.722	1308	99.7,99.7
130	0.8282	1.015	1.064	0.9749	0.9100	0.9551	1.114	1.019	120-130	0.8769	1308	99.8,99.8
140	0.9418	1.080	1.074	1.080	1.040	0.9909	1.136	1.023	130-140	0.7854	1309	99.9,99.9
150	1.031	1.175	1.099	1.178	1.129	1.121	1.184	1.115	140-150	0.6834	1310	99.9,99.9
160	1.145	1.229	1.145	1.251	1.235	1.213	1.251	1.170	150-160	0.5392	1311	100,100
170	1.218	1.242	1.223	1.251	1.260	1.245	1.261	1.233	160-170	0.3469	1311	100,100
180	1.251	1.251	1.243	1.251	1.267	1.251	1.267	1.251	170-180	0.1190	1311	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

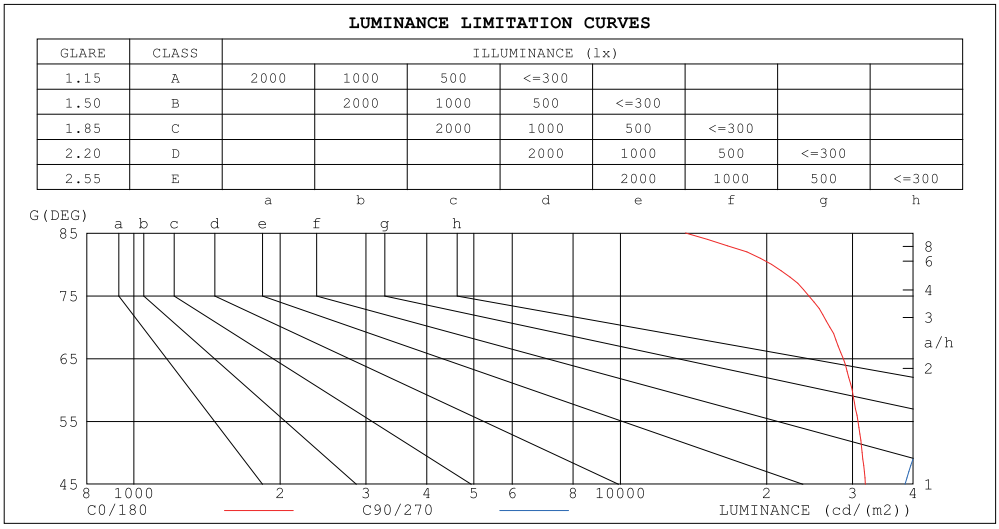
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-20

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.AB10.1217.00)

LUMINANCE LIMITATION CURVES

NAME: BUDDY SILICONE-21.AB10.1217.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LED/M 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.010*1	Shielding Angle:



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	13615	175725
80	20470	97795
75	24391	71970
70	26962	59162
65	28743	51463
60	29979	46434
55	30823	42953
50	31431	40382
45	31887	38465

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.AB10.1217.00)

WEC AND CCEC

NAME: BUDDY SILICONE-21.AB10.1217.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LED/M 24V 2700K	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	.395	.225	.071	.386	.220	.070	.369	.212	.068	.353	.204	.065	.339	.196	.063	
2.0	.343	.188	.058	.334	.184	.057	.319	.177	.055	.305	.171	.054	.292	.165	.052	
3.0	.304	.162	.049	.297	.159	.048	.283	.153	.047	.270	.148	.045	.259	.143	.044	
4.0	.274	.142	.042	.267	.140	.041	.255	.135	.040	.243	.131	.039	.233	.126	.039	
5.0	.249	.127	.037	.243	.125	.036	.232	.121	.036	.221	.117	.035	.212	.113	.034	
6.0	.227	.114	.033	.222	.112	.032	.212	.109	.032	.203	.105	.031	.194	.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	.174	.088	.025	.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	.237	.237	.237	.203	.203	.203	.138	.138	.138	.079	.079	.079	.025	.025	.025	
1.0	.233	.202	.175	.200	.174	.150	.136	.119	.104	.079	.069	.060	.025	.022	.020	
2.0	.226	.179	.139	.194	.154	.120	.133	.107	.084	.077	.062	.049	.025	.020	.016	
3.0	.219	.162	.117	.187	.140	.101	.129	.097	.071	.074	.057	.042	.024	.018	.014	
4.0	.211	.149	.102	.181	.129	.089	.124	.090	.063	.072	.053	.037	.023	.017	.012	
5.0	.203	.139	.092	.174	.120	.080	.120	.084	.057	.069	.049	.034	.022	.016	.011	
6.0	.195	.131	.085	.168	.113	.074	.116	.079	.052	.067	.047	.031	.022	.015	.010	
7.0	.188	.124	.080	.161	.108	.070	.112	.076	.049	.065	.044	.029	.021	.015	.010	
8.0	.181	.119	.076	.156	.103	.066	.108	.072	.047	.063	.043	.028	.020	.014	.009	
9.0	.174	.114	.073	.150	.099	.063	.104	.069	.045	.061	.041	.027	.020	.013	.009	
10.0	.168	.109	.070	.145	.095	.061	.101	.067	.044	.059	.040	.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.AB10.1217.00)

UGR(Unified Glare Rating) Table

NAME: BUDDY SILICONE-21.AB10.1217.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LED/M 24V 2700K	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	24.1	25.6	24.4	25.9	26.3	25.9	27.5	26.3	27.8	28.1
	3H	25.6	27.1	26.0	27.4	27.8	28.6	30.1	29.0	30.4	30.8
	4H	26.2	27.6	26.6	28.0	28.4	30.1	31.5	30.5	31.8	32.2
	6H	26.7	28.0	27.1	28.3	28.8	31.7	33.0	32.1	33.4	33.8
	8H	26.8	28.0	27.2	28.4	28.9	32.6	33.8	33.0	34.2	34.7
	12H	26.8	28.0	27.3	28.5	28.9	33.6	34.8	34.0	35.2	35.6
4H	2H	25.2	26.6	25.6	26.9	27.3	26.5	27.9	26.9	28.3	28.7
	3H	27.0	28.2	27.4	28.6	29.1	29.5	30.7	29.9	31.1	31.5
	4H	27.8	28.9	28.3	29.4	29.8	31.1	32.3	31.6	32.7	33.2
	6H	28.4	29.4	28.9	29.9	30.4	33.0	34.0	33.5	34.4	34.9
	8H	28.6	29.6	29.1	30.0	30.6	34.0	34.9	34.5	35.4	35.9
	12H	28.7	29.6	29.2	30.1	30.6	35.1	36.0	35.6	36.5	37.0
8H	4H	28.8	29.8	29.3	30.3	30.8	31.5	32.4	32.0	32.9	33.4
	6H	29.8	30.6	30.4	31.1	31.7	33.6	34.4	34.2	34.9	35.5
	8H	30.2	31.0	30.8	31.5	32.1	34.9	35.6	35.4	36.1	36.7
	12H	30.5	31.2	31.1	31.7	32.3	36.3	36.9	36.8	37.5	38.1
12H	4H	29.2	30.0	29.7	30.5	31.1	31.5	32.4	32.0	32.9	33.4
	6H	30.4	31.1	30.9	31.6	32.2	33.7	34.5	34.3	35.0	35.6
	8H	31.0	31.6	31.5	32.2	32.8	35.1	35.7	35.7	36.3	36.9
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, 1311 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.9)
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.AB10.1217.00)

UTILIZATION FACTORS TABLE

NAME: BUDDY SILICONE-21.AB10.1217.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LED/M 24V 2700K	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	56	47	67	55	47	64	56	46	38
1.25	75	63	54	73	62	54	70	60	53	45
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	96	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	94	90	85	74
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

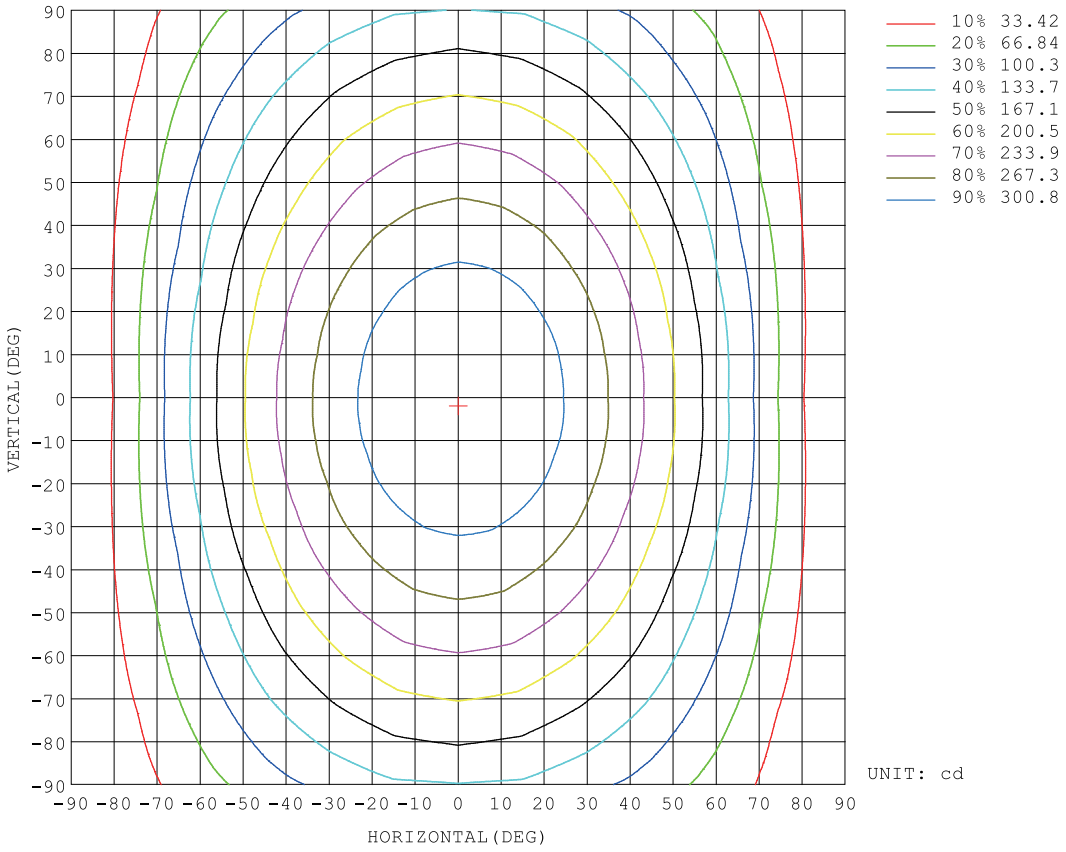
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-20

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.AB10.1217.00)

ISOCANDELA DIAGRAM

NAME: BUDDY SILICONE-21.AB10.1217.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LED/M 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.010*1	Shielding Angle:



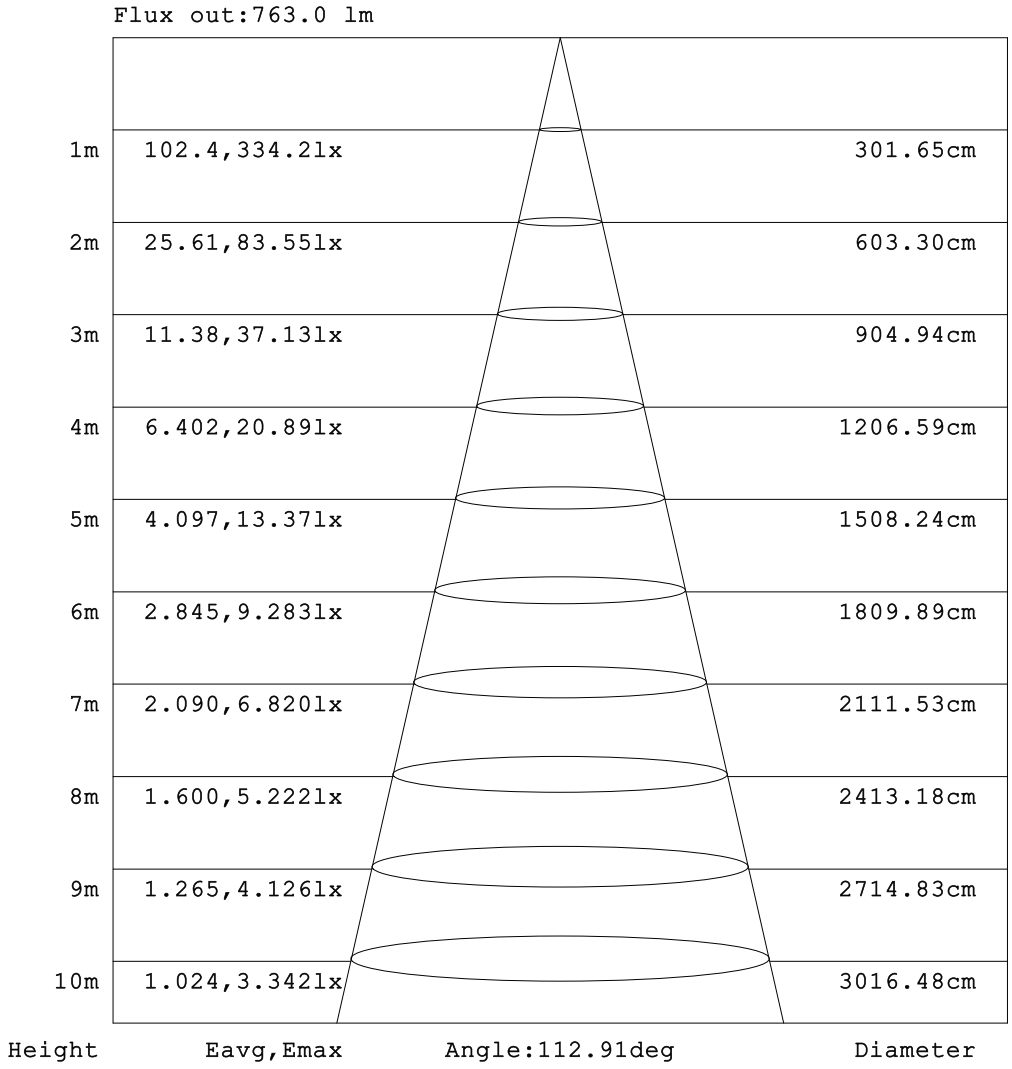
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-20

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.AB10.1217.00)

AAI Figure

NAME: BUDDY SILICONE-21.AB10.1217.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LED/M 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.010*1	Shielding Angle:



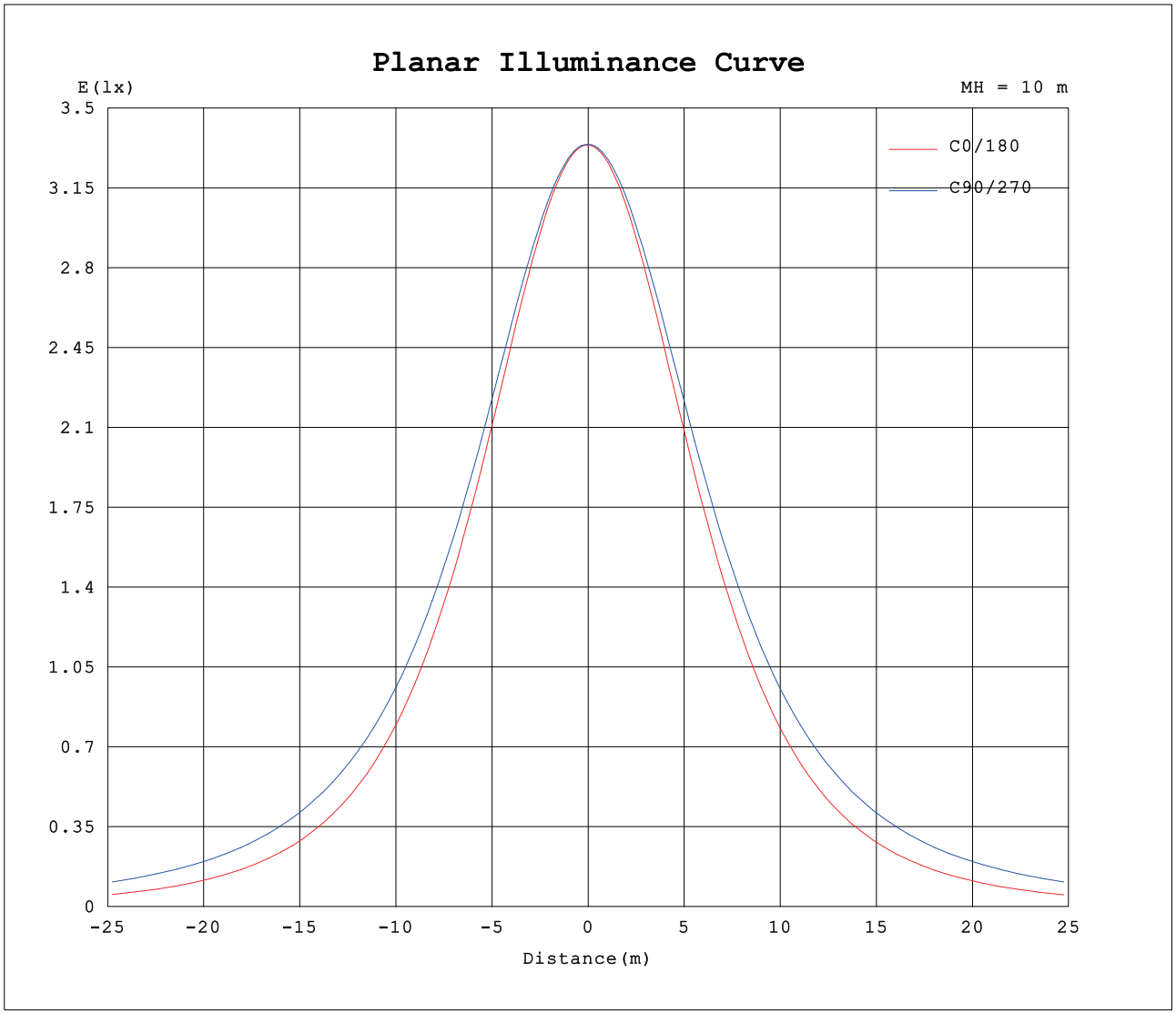
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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.AB10.1217.00**)

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.AB10.1217.00)

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: BUDDY SILICONE-21.AB10.1217.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LED/M 24V 2700K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.010*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	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334
5	333	333	333	333	333	333	334	333	333	333	332	332	332	332	332	332	333	333	333
10	329	329	329	330	330	331	331	331	330	329	328	328	327	327	328	328	329	330	330
15	322	323	323	325	326	327	327	326	325	323	321	320	319	319	321	322	324	325	326
20	312	313	314	317	319	321	321	320	318	315	312	310	309	309	311	313	316	318	320
25	299	301	303	307	310	313	314	312	309	305	300	298	296	296	299	303	307	310	312
30	284	287	290	296	300	304	305	303	298	293	286	282	280	281	285	291	297	301	303
35	267	270	274	282	288	294	295	293	286	279	270	265	263	264	269	276	285	290	293
40	247	251	257	267	275	282	284	281	273	263	252	246	243	245	252	261	271	279	282
45	225	230	237	250	261	270	272	269	258	246	233	225	221	223	233	244	257	266	271
50	202	207	217	232	246	257	260	255	244	229	213	202	198	201	212	226	242	253	258
55	177	183	196	214	230	243	246	242	228	210	191	178	173	176	191	208	227	239	245
60	150	157	173	195	214	228	232	227	212	192	169	153	146	151	169	189	211	225	231
65	121	131	151	177	198	213	217	212	196	174	148	127	118	125	147	171	195	210	217
70	92.2	105	130	158	181	197	202	197	179	155	126	101	89.8	99.6	126	153	178	195	202
75	63.1	80.1	109	140	164	181	186	181	162	137	106	76.6	61.2	75.2	106	135	162	179	186
80	35.5	57.2	89.3	121	146	164	170	164	145	120	86.8	54.4	34.7	53.3	86.5	118	145	163	170
85	11.9	35.4	71.0	103	129	147	153	147	128	102	69.1	35.7	13.2	34.9	69.2	101	129	147	154
90	0.72	20.2	53.9	85.6	110	128	133	128	110	84.5	52.4	21.0	1.16	20.8	53.5	84.4	111	128	135
95	0.63	2.56	21.3	42.8	72.3	97.8	108	97.4	71.5	42.6	20.6	3.35	0.93	2.25	19.9	41.8	74.1	99.1	112
100	0.63	0.75	3.29	27.4	53.0	74.6	82.5	73.4	53.5	28.2	3.45	1.03	0.70	0.69	8.66	33.3	58.9	77.9	89.8
105	0.63	0.72	0.92	2.44	14.7	34.4	38.9	34.1	14.4	1.84	0.81	0.67	0.66	0.69	0.97	7.91	30.4	46.0	55.0
110	0.63	0.74	0.89	1.25	1.19	2.03	2.21	1.52	1.08	1.51	0.80	0.70	0.70	0.69	0.88	1.56	7.67	17.4	22.9
115	0.63	0.77	0.88	1.07	1.12	1.12	1.17	1.09	1.03	1.18	0.80	0.75	0.74	0.69	0.84	0.94	1.26	2.82	4.82
120	0.71	0.81	0.89	1.04	1.09	1.10	1.14	1.08	1.03	0.99	0.81	0.79	0.79	0.71	0.84	0.95	1.16	1.12	1.14
125	0.76	0.87	0.89	1.01	1.08	1.09	1.10	1.08	1.02	0.94	0.81	0.86	0.85	0.76	0.90	0.95	1.06	1.10	1.13
130	0.83	0.93	0.89	1.02	1.07	1.08	1.06	1.07	1.02	0.97	0.86	0.93	0.91	0.85	0.95	0.96	1.04	1.07	1.11
135	0.87	0.98	0.96	1.05	1.07	1.09	1.07	1.08	1.02	1.02	0.93	0.99	0.98	0.89	1.02	0.95	1.05	1.07	1.12
140	0.94	1.04	0.98	1.08	1.07	1.12	1.07	1.11	1.02	1.08	0.97	1.06	1.04	0.95	1.06	0.99	1.08	1.07	1.14
145	0.99	1.09	1.02	1.14	1.10	1.15	1.08	1.15	1.06	1.14	1.02	1.10	1.08	1.01	1.10	1.04	1.14	1.10	1.16
150	1.03	1.15	1.10	1.17	1.12	1.18	1.10	1.19	1.11	1.18	1.11	1.15	1.13	1.06	1.15	1.12	1.19	1.11	1.18
155	1.11	1.20	1.12	1.22	1.13	1.21	1.12	1.22	1.13	1.23	1.12	1.19	1.19	1.10	1.20	1.13	1.22	1.14	1.22
160	1.15	1.23	1.15	1.23	1.15	1.24	1.15	1.23	1.16	1.25	1.15	1.23	1.23	1.17	1.24	1.21	1.24	1.18	1.25
165	1.18	1.24	1.19	1.24	1.22	1.24	1.20	1.23	1.24	1.25	1.21	1.24	1.25	1.22	1.25	1.23	1.24	1.24	1.26
170	1.22	1.25	1.23	1.24	1.22	1.24	1.22	1.24	1.25	1.25	1.23	1.25	1.26	1.26	1.25	1.25	1.25	1.25	1.26
175	1.25	1.26	1.24	1.25	1.24	1.24	1.23	1.24	1.25	1.25	1.24	1.26	1.27	1.25	1.26	1.25	1.25	1.26	1.27
180	1.25	1.26	1.25	1.25	1.24	1.24	1.24	1.24	1.25	1.25	1.26	1.26	1.27	1.26	1.26	1.25	1.25	1.27	1.27

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.AB10.1217.00)

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: BUDDY SILICONE-21.AB10.1217.00	TYPE:IES	WEIGHT:
SPEC.:12W 10X4.5MM X5M 288LED/M 24V 2700K	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	334	334	334	334	334														
5	333	333	333	333	333														
10	330	330	330	329	329														
15	326	325	324	323	322														
20	319	318	316	314	313														
25	311	310	306	303	300														
30	302	299	294	290	286														
35	292	287	280	274	269														
40	280	274	265	256	250														
45	268	260	248	237	229														
50	254	245	230	217	206														
55	241	229	212	195	181														
60	226	214	193	173	156														
65	211	197	175	151	130														
70	196	180	156	130	104														
75	180	164	138	109	78.7														
80	164	147	120	89.7	56.3														
85	148	130	104	72.0	37.3														
90	129	113	86.6	55.8	22.3														
95	99.5	74.3	44.5	24.8	4.85														
100	80.0	59.0	33.2	10.7	0.76														
105	49.0	34.5	13.3	1.38	0.75														
110	19.0	9.94	1.27	1.19	0.75														
115	3.00	1.60	1.03	1.01	0.75														
120	1.19	1.43	1.02	0.91	0.75														
125	1.15	1.27	1.02	0.93	0.76														
130	1.12	1.13	1.02	0.97	0.85														
135	1.12	1.10	1.02	1.03	0.88														
140	1.12	1.13	1.02	1.06	0.97														
145	1.12	1.15	1.07	1.12	1.00														
150	1.13	1.19	1.12	1.16	1.05														
155	1.14	1.22	1.13	1.21	1.10														
160	1.17	1.24	1.17	1.24	1.15														
165	1.23	1.25	1.23	1.25	1.19														
170	1.25	1.26	1.23	1.26	1.22														
175	1.25	1.26	1.24	1.27	1.24														
180	1.25	1.27	1.25	1.27	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