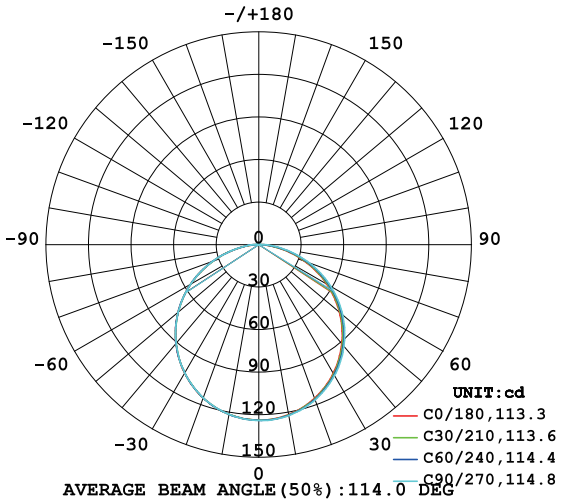
BUDDY SILICONE (21.AB10.9327.00)

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: BUDDY SILICONE 6w 3D 21.AB10.9327.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 3000K IP67, BLT	DIM.: 1M	SERIAL No.:33
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.008*1	Shielding Angle:

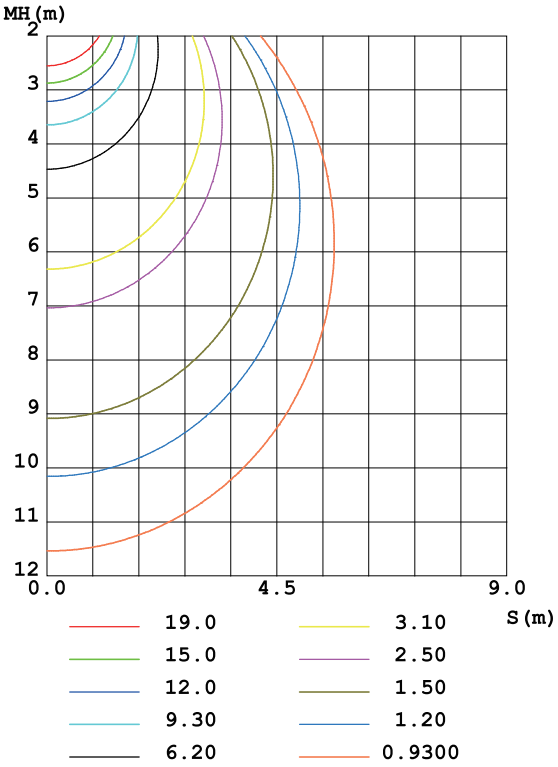
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 58.87 lm/W	
MODEL		Imax(cd)	124.1	S/MH(C0/180)	1.26
NOMINAL POWER(W)	6.13603	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	365.88	η UP,DN(C0-180)	0.4,50.3
NOMINAL FLUX(lm)	365.883	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.5,48.7
LAMPS INSIDE	1	η up(%)	0.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	99.1	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):114.0 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks: 1M

BUDDY SILICONE (21.AB10.9327.00)

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	121.7	122.1	122.4	122.3	121.5	121.5	121.5	121.4	0- 10	11.73	11.73	3.21,3.21
20	115.2	116.1	116.4	116.4	115.1	114.8	114.9	114.7	10- 20	33.63	45.36	12.4,12.4
30	104.9	106.0	106.7	106.6	104.6	104.4	104.4	104.3	20- 30	51.07	96.43	26.4,26.4
40	91.07	92.56	93.49	93.21	90.94	90.65	90.79	90.24	30- 40	61.84	158.3	43.3,43.3
50	74.36	76.14	77.27	76.95	74.39	74.00	74.30	73.50	40- 50	64.57	222.8	60.9,60.9
60	55.21	57.18	58.51	58.24	55.30	54.97	55.28	54.57	50- 60	58.89	281.7	77,77
70	34.47	36.56	38.00	37.79	34.58	34.44	34.66	34.00	60- 70	45.49	327.2	89.4,89.4
80	14.04	16.07	17.49	17.50	14.16	14.33	14.99	14.16	70- 80	26.65	353.9	96.7,96.7
90	0.8738	2.246	3.499	3.193	0.9430	2.603	3.557	2.709	80- 90	8.568	362.4	99.1,99.1
100	0.2028	0.3238	0.7536	0.5019	0.2065	0.9637	1.740	1.085	90-100	1.292	363.7	99.4,99.4
110	0.2026	0.3041	0.4778	0.3399	0.2510	0.4700	0.9953	0.5996	100-110	0.6022	364.3	99.6,99.6
120	0.2163	0.3032	0.4114	0.3184	0.2995	0.3085	0.4856	0.3726	110-120	0.3838	364.7	99.7,99.7
130	0.2349	0.3433	0.3777	0.3378	0.3381	0.3125	0.3934	0.3320	120-130	0.2995	365.0	99.8,99.8
140	0.3449	0.3886	0.3813	0.3886	0.3966	0.3319	0.4049	0.3417	130-140	0.2723	365.3	99.8,99.8
150	0.3606	0.4290	0.3848	0.4210	0.4228	0.3595	0.4550	0.3643	140-150	0.2419	365.5	99.9,99.9
160	0.3680	0.4454	0.3883	0.4618	0.4561	0.3921	0.4778	0.4237	150-160	0.1894	365.7	100,100
170	0.3852	0.4744	0.4712	0.4819	0.4765	0.4202	0.4839	0.4639	160-170	0.1242	365.8	100,100
180	0.4615	0.4615	0.4858	0.4858	0.4777	0.4858	0.4858	0.4696	170-180	0.0444	365.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks: 1M

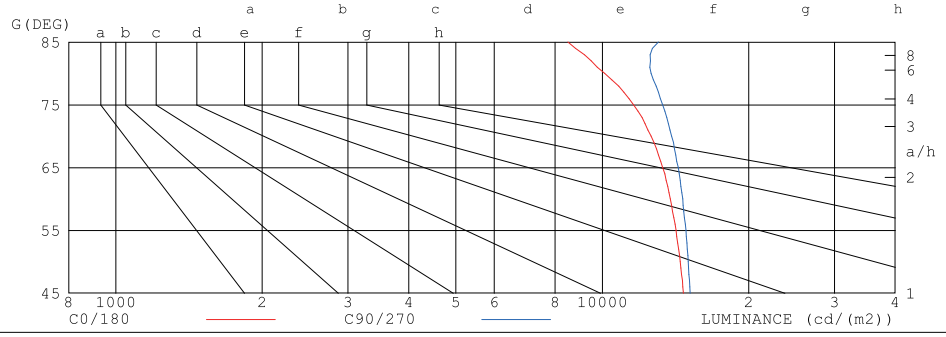
BUDDY SILICONE (21.AB10.9327.00)

LUMINANCE LIMITATION CURVES

NAME: BUDDY SILICONE 6w 3D 21.AB10.9327.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 3000K IP67, BLT	DIM.: 1M	SERIAL No.:33
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.008*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	8491	13043
80	10109	12592
75	11594	13295
70	12599	13889
65	13315	14325
60	13803	14627
55	14182	14863
50	14461	15026
45	14678	15153

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks: 1M

BUDDY SILICONE (21.AB10.9327.00)

WEC AND CCEC

NAME: BUDDY SILICONE 6w 3D 21.AB10.9327.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 3000K IP67, BLT	DIM.: 1M	SERIAL No.:33
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.008*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	.317	.180	.057	.310	.177	.056	.296	.170	.054	.283	.163	.052	.271	.157	.051	
2.0	.296	.162	.050	.290	.160	.049	.277	.154	.048	.266	.149	.047	.256	.145	.046	
3.0	.273	.145	.044	.267	.143	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041	
4.0	.251	.131	.038	.246	.129	.038	.237	.126	.037	.228	.122	.037	.219	.119	.036	
5.0	.232	.118	.034	.228	.117	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033	
6.0	.215	.108	.031	.211	.107	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030	
7.0	.200	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.187	.091	.026	.183	.090	.026	.177	.089	.025	.171	.087	.025	.166	.085	.025	
9.0	.175	.085	.024	.172	.084	.024	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.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	.198	.198	.198	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.188	.163	.141	.161	.140	.121	.110	.096	.084	.063	.056	.049	.020	.018	.016	
2.0	.180	.139	.105	.154	.120	.091	.106	.083	.063	.061	.048	.037	.020	.016	.012	
3.0	.172	.122	.081	.148	.105	.070	.101	.073	.049	.059	.043	.029	.019	.014	.010	
4.0	.165	.108	.065	.141	.094	.057	.097	.065	.040	.056	.038	.024	.018	.012	.008	
5.0	.157	.098	.054	.135	.085	.047	.093	.059	.033	.054	.035	.020	.017	.011	.007	
6.0	.150	.090	.046	.129	.078	.040	.089	.054	.029	.052	.032	.017	.017	.010	.006	
7.0	.143	.083	.040	.123	.072	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005	
8.0	.137	.077	.036	.118	.067	.031	.081	.047	.022	.047	.028	.013	.015	.009	.004	
9.0	.131	.072	.033	.113	.063	.028	.078	.044	.020	.045	.026	.012	.015	.009	.004	
10.0	.125	.068	.030	.108	.059	.026	.075	.041	.018	.044	.024	.011	.014	.008	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks: 1M

BUDDY SILICONE (21.AB10.9327.00)

UGR(Unified Glare Rating) Table

NAME: BUDDY SILICONE 6w 3D 21.AB10.9327.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 3000K IP67, BLT	DIM.: 1M	SERIAL No.:33
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.008*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	25.6	27.1	25.8	27.3	27.5	25.8	27.3	26.1	27.5	27.8
3H	27.1	28.5	27.4	28.8	29.0	27.4	28.8	27.7	29.1	29.4
4H	27.7	29.0	28.0	29.3	29.6	28.1	29.5	28.5	29.7	30.0
6H	28.1	29.4	28.5	29.7	30.0	28.7	29.9	29.0	30.2	30.5
8H	28.2	29.5	28.6	29.8	30.1	28.8	30.1	29.2	30.4	30.7
12H	28.3	29.5	28.7	29.8	30.1	29.0	30.2	29.4	30.5	30.8
4H 2H	26.2	27.6	26.6	27.8	28.1	26.4	27.7	26.7	28.0	28.3
3H	27.9	29.1	28.3	29.4	29.7	28.2	29.4	28.6	29.7	30.0
4H	28.7	29.7	29.1	30.1	30.4	29.0	30.1	29.4	30.5	30.8
6H	29.2	30.2	29.6	30.5	30.9	29.7	30.7	30.1	31.0	31.4
8H	29.4	30.3	29.8	30.7	31.1	30.0	30.9	30.4	31.2	31.6
12H	29.5	30.3	29.9	30.7	31.1	30.2	31.0	30.6	31.4	31.8
8H 4H	29.0	29.9	29.4	30.2	30.7	29.3	30.2	29.7	30.6	31.0
6H	29.7	30.4	30.1	30.8	31.3	30.1	30.9	30.6	31.3	31.7
8H	29.9	30.6	30.4	31.0	31.5	30.5	31.1	31.0	31.6	32.1
12H	30.1	30.7	30.6	31.2	31.6	30.8	31.4	31.3	31.8	32.3
12H 4H	29.0	29.8	29.4	30.2	30.6	29.3	30.1	29.8	30.5	31.0
6H	29.7	30.4	30.2	30.8	31.3	30.2	30.8	30.7	31.3	31.8
8H	30.0	30.6	30.5	31.1	31.6	30.6	31.2	31.1	31.6	32.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 365.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.5)
Area: 0.008 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks: 1M

BUDDY SILICONE (21.AB10.9327.00)

UTILIZATION FACTORS TABLE

NAME: BUDDY SILICONE 6w 3D 21.AB10.9327.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 3000K IP67, BLT	DIM.: 1M	SERIAL No.:33
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.008*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	47	66	54	47	64	54	47	40
1.00	75	64	56	74	63	56	72	65	56	48
1.25	82	72	64	81	71	64	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	61
2.00	94	85	79	92	84	78	89	82	76	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	102	94	89	99	93	88	95	90	85	77
4.00	106	100	95	103	98	93	99	94	91	81
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	

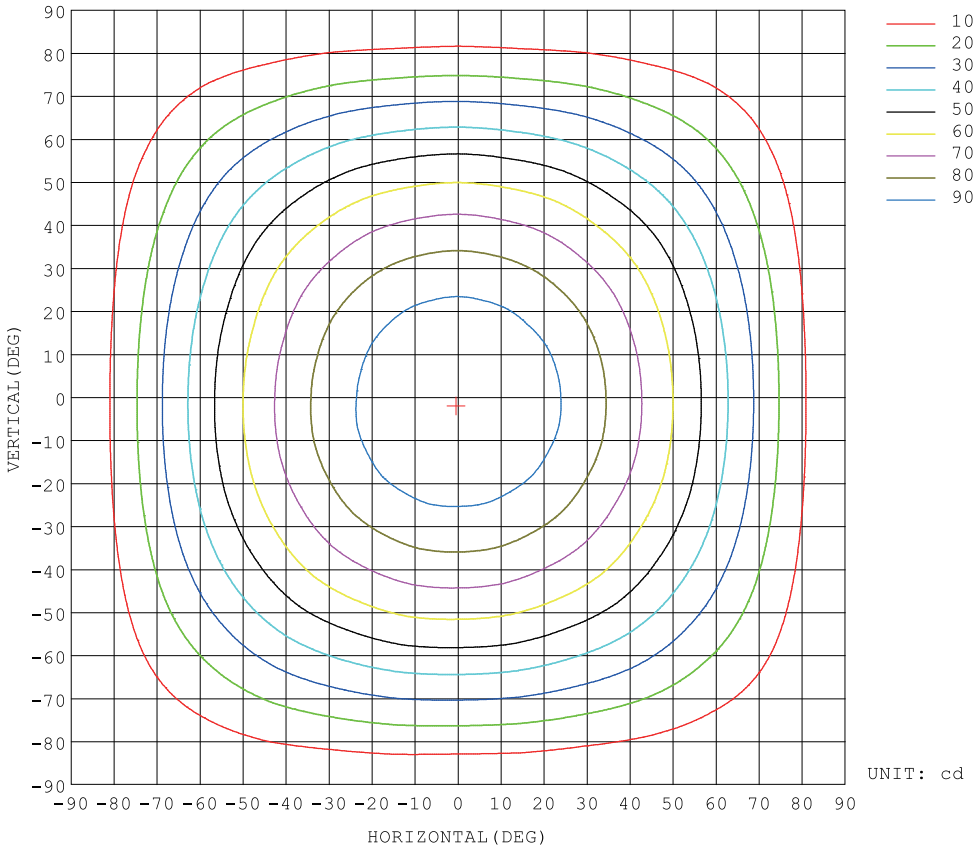
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks: 1M

BUDDY SILICONE (21.AB10.9327.00)

ISOCANDELA DIAGRAM

NAME: BUDDY SILICONE 6w 3D 21.AB10.9327.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 3000K IP67, BLT	DIM.: 1M	SERIAL No.:33
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.008*1	Shielding Angle:



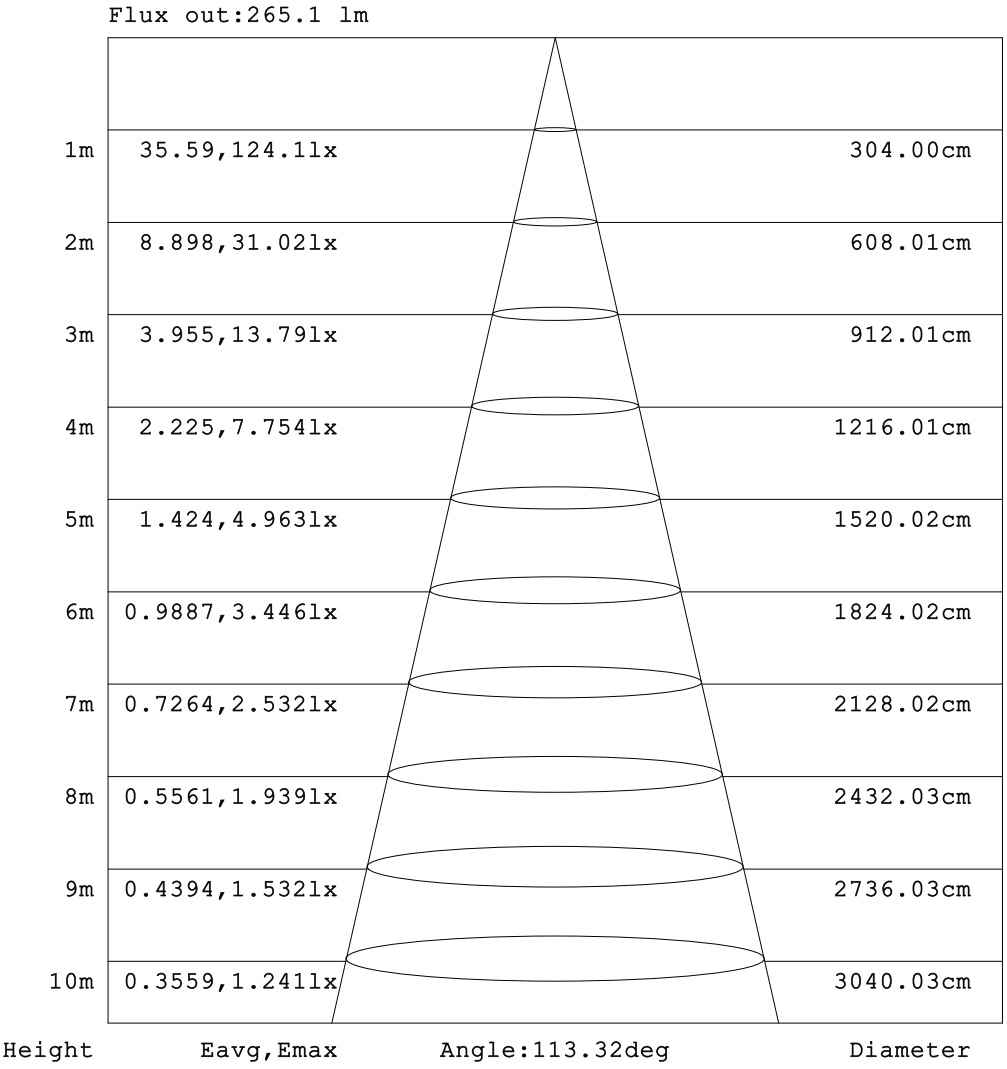
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks: 1M

BUDDY SILICONE (21.AB10.9327.00)

AAI Figure

NAME: BUDDY SILICONE 6w 3D 21.AB10.9327.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 3000K IP67, BLT	DIM.: 1M	SERIAL No.:33
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.008*1	Shielding Angle:



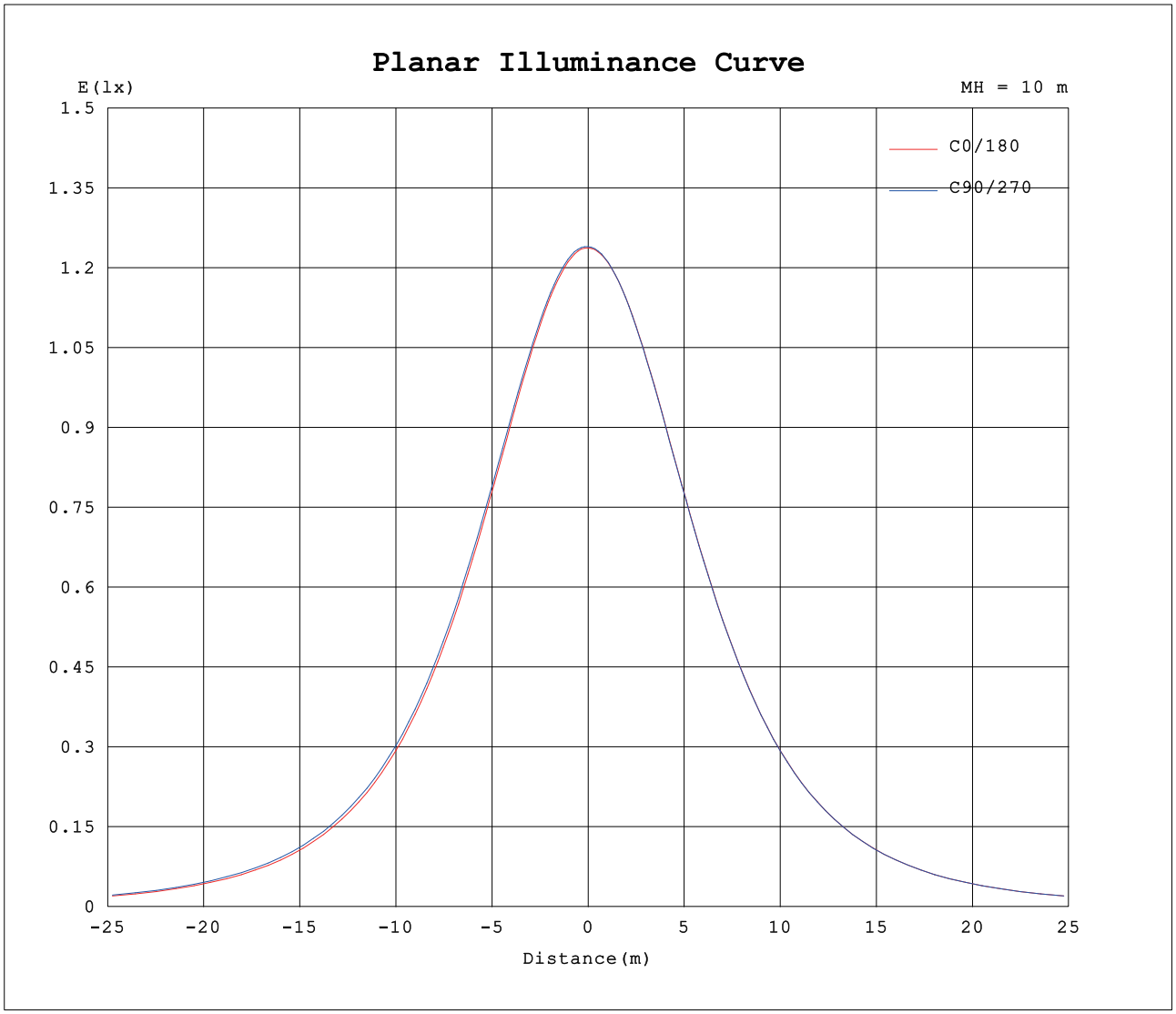
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks: 1M

BUDDY SILICONE (**21.AB10.9327.00**)

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks: 1M

BUDDY SILICONE (21.AB10.9327.00)

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: BUDDY SILICONE 6w 3D 21.AB10.9327.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 3000K IP67, BLT	DIM.: 1M	SERIAL No.:33
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.008*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	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124
5	123	123	123	124	124	124	124	124	124	124	124	124	123	123	123	123	123	123	123
10	122	122	122	122	122	122	122	122	122	122	122	122	122	121	121	121	122	121	122
15	119	119	119	120	120	120	120	120	120	120	119	119	119	119	119	119	119	119	119
20	115	116	116	116	116	117	116	117	116	116	116	116	115	115	115	115	115	115	115
25	111	111	111	111	112	112	112	112	112	112	111	111	110	110	110	110	110	110	110
30	105	105	105	106	106	107	107	107	107	107	106	105	105	104	104	104	105	104	104
35	98.4	99.0	99.0	99.7	99.9	101	101	101	100	100	99.4	99.0	98.1	97.8	98.0	97.9	98.1	97.9	98.0
40	91.1	91.7	91.8	92.6	92.7	93.4	93.5	93.8	93.4	93.2	92.3	91.8	90.9	90.5	90.8	90.6	90.9	90.6	90.8
45	83.0	83.7	83.8	84.6	84.9	85.6	85.7	86.1	85.6	85.4	84.4	83.9	83.0	82.5	82.8	82.7	82.9	82.7	82.9
50	74.4	75.1	75.1	76.1	76.3	77.2	77.3	77.8	77.1	76.9	75.8	75.3	74.4	73.8	74.2	74.0	74.4	74.1	74.3
55	65.1	65.8	65.9	66.9	67.2	68.2	68.2	68.7	68.1	67.8	66.7	66.1	65.1	64.6	65.0	64.8	65.2	64.8	65.1
60	55.2	56.0	56.1	57.2	57.4	58.5	58.5	59.1	58.4	58.2	57.0	56.4	55.3	54.8	55.2	55.0	55.5	55.0	55.3
65	45.0	45.7	45.9	47.0	47.4	48.4	48.4	48.9	48.4	48.1	46.9	46.2	45.1	44.6	45.0	44.8	45.3	45.0	45.1
70	34.5	35.3	35.5	36.6	36.9	37.9	38.0	38.5	38.0	37.8	36.5	35.8	34.6	34.1	34.6	34.4	34.8	34.5	34.7
75	24.0	24.8	25.0	26.1	26.5	27.4	27.5	28.1	27.6	27.4	26.1	25.3	24.1	23.7	24.1	24.0	24.5	24.2	24.4
80	14.0	15.0	15.0	16.1	16.4	17.5	17.5	18.1	17.5	17.5	16.1	15.3	14.2	13.7	14.3	14.3	14.9	14.7	15.0
85	5.92	6.51	6.29	7.52	8.03	8.95	9.09	9.49	9.11	8.88	7.68	6.83	5.88	5.66	6.28	6.66	7.27	7.43	7.65
90	0.87	1.19	1.46	2.25	2.72	3.40	3.50	3.78	3.46	3.19	2.37	1.71	0.94	1.28	2.03	2.60	3.15	3.38	3.56
95	0.20	0.31	0.42	0.44	0.79	0.99	1.19	1.21	1.16	0.89	0.70	0.48	0.19	0.37	0.74	1.16	1.62	2.01	2.13
100	0.20	0.24	0.32	0.32	0.53	0.57	0.75	0.62	0.64	0.50	0.53	0.32	0.21	0.22	0.46	0.96	1.23	1.55	1.74
105	0.20	0.23	0.25	0.31	0.40	0.45	0.53	0.49	0.53	0.46	0.45	0.22	0.22	0.20	0.33	0.68	0.91	1.26	1.40
110	0.20	0.23	0.26	0.30	0.39	0.39	0.48	0.39	0.45	0.34	0.33	0.23	0.25	0.20	0.29	0.47	0.71	0.97	1.00
115	0.21	0.25	0.26	0.30	0.37	0.39	0.43	0.38	0.41	0.32	0.29	0.25	0.27	0.20	0.28	0.35	0.45	0.72	0.71
120	0.22	0.28	0.25	0.30	0.35	0.39	0.41	0.38	0.38	0.32	0.29	0.27	0.30	0.20	0.28	0.31	0.36	0.49	0.49
125	0.22	0.30	0.25	0.32	0.35	0.38	0.40	0.37	0.36	0.33	0.30	0.32	0.31	0.23	0.30	0.31	0.36	0.40	0.40
130	0.23	0.32	0.25	0.34	0.36	0.38	0.38	0.37	0.35	0.34	0.30	0.34	0.34	0.25	0.34	0.31	0.36	0.38	0.39
135	0.28	0.35	0.27	0.36	0.36	0.37	0.38	0.37	0.36	0.36	0.31	0.36	0.37	0.28	0.37	0.31	0.38	0.38	0.40
140	0.34	0.36	0.34	0.39	0.36	0.38	0.38	0.38	0.36	0.39	0.35	0.39	0.40	0.36	0.40	0.33	0.39	0.38	0.40
145	0.36	0.39	0.35	0.40	0.36	0.40	0.38	0.41	0.36	0.40	0.35	0.40	0.40	0.36	0.40	0.35	0.40	0.38	0.43
150	0.36	0.40	0.35	0.43	0.37	0.42	0.38	0.42	0.36	0.42	0.35	0.42	0.42	0.37	0.43	0.36	0.43	0.38	0.45
155	0.36	0.42	0.35	0.43	0.37	0.44	0.39	0.45	0.37	0.44	0.35	0.44	0.43	0.37	0.45	0.38	0.45	0.38	0.48
160	0.37	0.44	0.38	0.45	0.38	0.45	0.39	0.45	0.38	0.46	0.36	0.45	0.46	0.37	0.46	0.39	0.46	0.42	0.48
165	0.37	0.45	0.40	0.47	0.39	0.47	0.43	0.46	0.38	0.47	0.38	0.47	0.47	0.38	0.48	0.41	0.48	0.43	0.48
170	0.39	0.47	0.47	0.47	0.42	0.49	0.47	0.47	0.41	0.48	0.48	0.48	0.48	0.46	0.48	0.42	0.48	0.45	0.48
175	0.40	0.49	0.48	0.47	0.46	0.48	0.48	0.47	0.42	0.48	0.48	0.49	0.48	0.47	0.49	0.45	0.48	0.47	0.49
180	0.46	0.46	0.48	0.46	0.49	0.49	0.49	0.49	0.49	0.49	0.48	0.49	0.48	0.48	0.49	0.49	0.49	0.48	0.49

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks: 1M

BUDDY SILICONE (21.AB10.9327.00)

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: BUDDY SILICONE 6w 3D 21.AB10.9327.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 3000K IP67, BLT	DIM.: 1M	SERIAL No.:33
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.008*1	Shielding Angle:

Table--2 UNIT: cd

C(DEG) / γ (DEG)	285	300	315	330	345														
0	124	124	124	124	124														
5	123	123	123	123	123														
10	121	121	121	122	122														
15	118	119	119	119	119														
20	115	115	115	115	115														
25	110	110	110	110	110														
30	104	104	104	105	105														
35	97.8	97.8	97.7	98.0	98.2														
40	90.5	90.6	90.2	90.8	90.8														
45	82.5	82.6	82.2	82.7	82.7														
50	73.8	74.1	73.5	74.1	74.0														
55	64.5	64.8	64.3	64.8	64.7														
60	54.7	55.0	54.6	54.9	54.9														
65	44.6	44.8	44.4	44.7	44.7														
70	34.2	34.4	34.0	34.3	34.1														
75	24.0	24.2	23.7	24.0	23.8														
80	14.6	14.7	14.2	14.3	13.9														
85	7.46	7.34	6.80	6.50	5.95														
90	3.40	3.24	2.71	2.18	1.50														
95	1.98	1.62	1.31	0.92	0.69														
100	1.68	1.36	1.09	0.66	0.40														
105	1.43	1.08	0.82	0.46	0.26														
110	1.03	0.74	0.60	0.33	0.23														
115	0.76	0.56	0.46	0.32	0.23														
120	0.53	0.44	0.37	0.31	0.23														
125	0.41	0.42	0.33	0.34	0.23														
130	0.39	0.41	0.33	0.36	0.25														
135	0.39	0.39	0.33	0.38	0.31														
140	0.39	0.40	0.34	0.41	0.32														
145	0.40	0.44	0.36	0.42	0.34														
150	0.40	0.46	0.36	0.44	0.36														
155	0.40	0.47	0.40	0.46	0.38														
160	0.40	0.49	0.42	0.48	0.39														
165	0.44	0.49	0.45	0.48	0.40														
170	0.46	0.49	0.46	0.48	0.41														
175	0.48	0.49	0.47	0.48	0.42														
180	0.49	0.49	0.47	0.47	0.47														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks: 1M