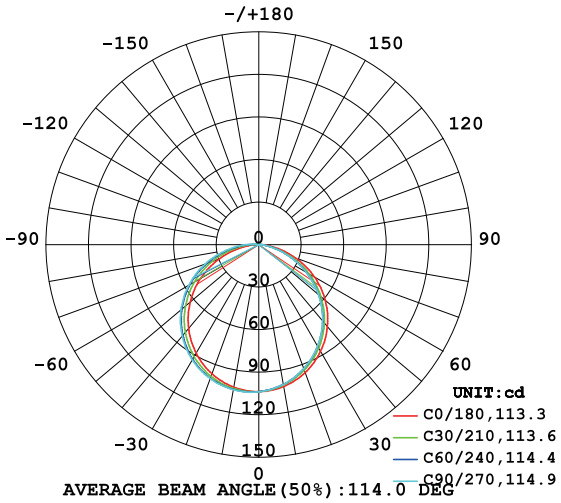
BUDDY SILICONE (21.AB10.9307.00)

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: BUDDY SILICONE 6w 3D 21.AB10.9307.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 2200K IP67, BLT	DIM.: 1M	SERIAL No.:31
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.008*1	Shielding Angle:

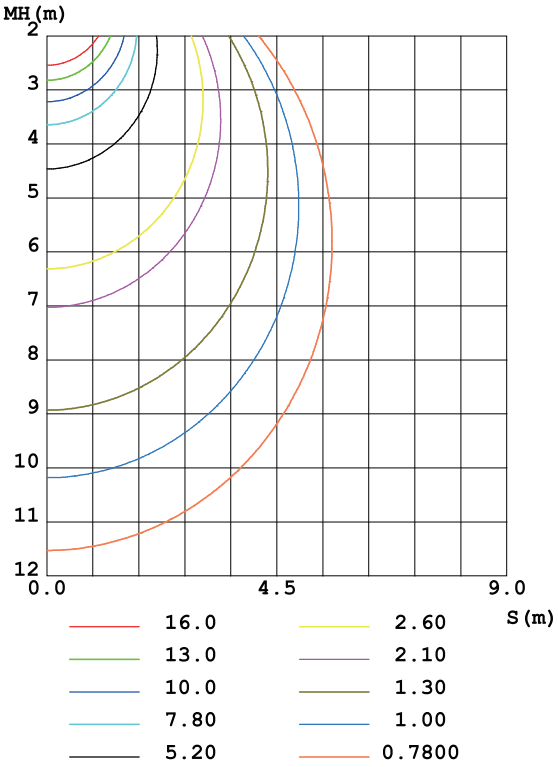
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 49.55 lm/W	
MODEL		Imax(cd)	104.2	S/MH(C0/180)	1.27
NOMINAL POWER(W)	6.15523	LOR(%)	100.0	S/MH(C90/270)	1.34
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	308.56	η UP,DN(C0-180)	0.4,44.6
NOMINAL FLUX(lm)	308.562	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.9,54.2
LAMPS INSIDE	1	η up(%)	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%):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:2025-01-19

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.AB10.9307.00)

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	101.6	100.4	100.1	101.0	102.1	103.4	103.9	103.2	0- 10	9.818	9.818	3.18,3.18
20	95.96	93.69	93.01	94.71	96.93	99.50	100.6	98.92	10- 20	28.15	37.97	12.3,12.3
30	87.07	83.77	82.94	85.13	88.38	92.26	93.89	91.39	20- 30	42.76	80.73	26.2,26.2
40	75.35	71.14	70.16	72.81	77.05	82.08	84.09	81.01	30- 40	51.76	132.5	42.9,42.9
50	61.25	56.26	55.13	58.18	63.26	69.18	71.71	67.93	40- 50	54.05	186.5	60.5,60.5
60	45.22	39.68	38.43	41.67	47.32	54.02	57.00	52.76	50- 60	49.29	235.8	76.4,76.4
70	27.74	22.47	21.26	24.37	29.85	37.09	40.53	35.99	60- 70	38.11	273.9	88.8,88.8
80	10.79	7.690	6.853	7.417	12.37	19.84	23.26	18.88	70- 80	22.59	296.5	96.1,96.1
90	0.3046	1.092	1.354	1.091	0.7709	5.919	8.709	5.441	80- 90	8.207	304.7	98.8,98.8
100	0.1818	0.3723	0.5750	0.3156	0.2687	1.136	2.637	1.353	90-100	1.722	306.5	99.3,99.3
110	0.1887	0.3050	0.4618	0.2577	0.2088	0.5913	1.044	0.7209	100-110	0.6481	307.1	99.5,99.5
120	0.1944	0.2967	0.3385	0.2788	0.2413	0.2997	0.5740	0.4777	110-120	0.3960	307.5	99.7,99.7
130	0.2235	0.3319	0.3128	0.3239	0.2836	0.2716	0.3890	0.3887	120-130	0.2881	307.8	99.8,99.8
140	0.2469	0.3643	0.3081	0.3510	0.3319	0.2769	0.3762	0.3724	130-140	0.2466	308.0	99.8,99.8
150	0.3236	0.3643	0.3481	0.3886	0.3563	0.2822	0.3728	0.3724	140-150	0.2116	308.3	99.9,99.9
160	0.3462	0.3643	0.3548	0.4006	0.3644	0.3401	0.3727	0.3724	150-160	0.1669	308.4	100,100
170	0.3542	0.3643	0.3621	0.4225	0.3644	0.3508	0.3725	0.3724	160-170	0.1043	308.5	100,100
180	0.3643	0.3562	0.3643	0.4291	0.3643	0.3562	0.3724	0.4048	170-180	0.0354	308.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

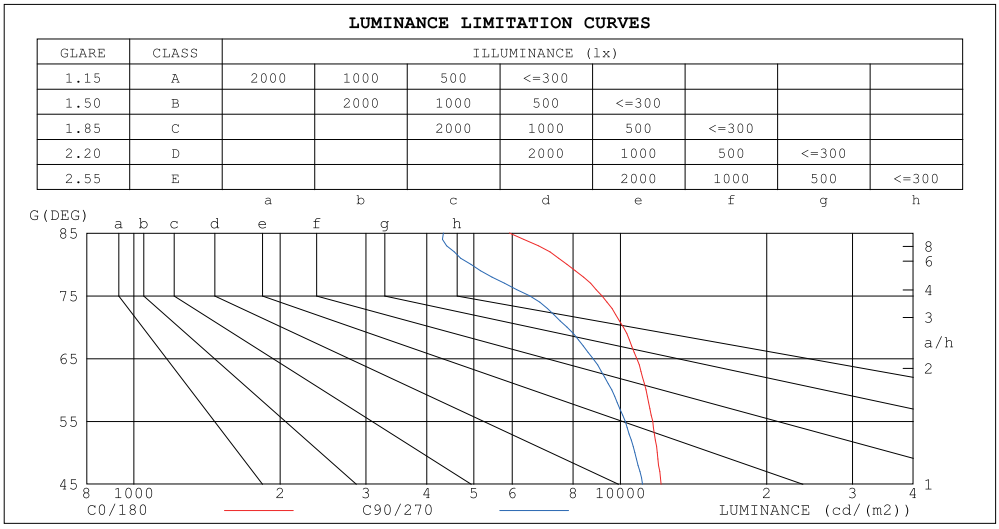
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-19

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.AB10.9307.00)

LUMINANCE LIMITATION CURVES

NAME: BUDDY SILICONE 6w 3D 21.AB10.9307.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 2200K IP67, BLT	DIM.: 1M	SERIAL No.:31
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.008*1	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	5919	4330
80	7769	4933
75	9164	6504
70	10139	7771
65	10816	8783
60	11305	9609
55	11655	10234
50	11911	10721
45	12124	11117

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-19

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.AB10.9307.00)

WEC AND CCEC

NAME: BUDDY SILICONE 6w 3D 21.AB10.9307.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 2200K IP67, BLT	DIM.: 1M	SERIAL No.:31
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	.320	.182	.058	.313	.178	.057	.299	.171	.055	.286	.165	.053	.274	.159	.051	
2.0	.298	.163	.050	.291	.160	.049	.279	.155	.048	.267	.150	.047	.257	.145	.046	
3.0	.274	.146	.044	.268	.144	.043	.257	.139	.042	.247	.135	.042	.238	.132	.041	
4.0	.252	.131	.039	.247	.129	.038	.237	.126	.038	.228	.122	.037	.220	.119	.036	
5.0	.233	.118	.034	.228	.117	.034	.219	.114	.034	.211	.111	.033	.203	.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	.200	.200	.200	.171	.171	.171	.117	.117	.117	.067	.067	.067	.021	.021	.021	
1.0	.191	.166	.143	.163	.142	.123	.112	.098	.085	.064	.057	.050	.021	.018	.016	
2.0	.183	.141	.107	.156	.122	.092	.107	.084	.064	.062	.049	.038	.020	.016	.012	
3.0	.175	.124	.083	.150	.107	.072	.103	.074	.051	.059	.043	.030	.019	.014	.010	
4.0	.167	.111	.068	.143	.096	.059	.099	.067	.041	.057	.039	.024	.018	.013	.008	
5.0	.160	.100	.057	.137	.087	.049	.095	.061	.035	.055	.036	.021	.018	.012	.007	
6.0	.153	.092	.049	.131	.080	.042	.090	.056	.030	.052	.033	.018	.017	.011	.006	
7.0	.146	.085	.043	.125	.074	.037	.087	.052	.026	.050	.030	.016	.016	.010	.005	
8.0	.139	.079	.038	.120	.069	.033	.083	.048	.024	.048	.029	.014	.016	.009	.005	
9.0	.133	.074	.035	.115	.065	.030	.079	.045	.022	.046	.027	.013	.015	.009	.004	
10.0	.127	.070	.032	.110	.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:
Test Date:2025-01-19

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.AB10.9307.00)

UGR(Unified Glare Rating) Table

NAME: BUDDY SILICONE 6w 3D 21.AB10.9307.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 2200K IP67, BLT	DIM.: 1M	SERIAL No.:31
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	25.0	26.5	25.2	26.7	26.9	24.4	25.9	24.7	26.1	26.4
3H	26.4	27.8	26.7	28.1	28.4	25.6	27.0	25.9	27.3	27.5
4H	27.0	28.3	27.3	28.6	28.9	26.0	27.3	26.3	27.6	27.9
6H	27.4	28.6	27.7	28.9	29.2	26.2	27.5	26.6	27.8	28.1
8H	27.5	28.7	27.8	29.0	29.3	26.3	27.5	26.6	27.8	28.1
12H	27.5	28.7	27.9	29.0	29.3	26.3	27.4	26.6	27.8	28.1
4H 2H	25.4	26.7	25.7	27.0	27.3	24.9	26.3	25.3	26.6	26.8
3H	27.0	28.2	27.4	28.5	28.8	26.3	27.5	26.7	27.8	28.1
4H	27.7	28.7	28.1	29.1	29.4	26.8	27.9	27.2	28.2	28.6
6H	28.1	29.1	28.6	29.5	29.9	27.1	28.1	27.5	28.4	28.8
8H	28.3	29.2	28.7	29.6	30.0	27.2	28.1	27.6	28.5	28.9
12H	28.4	29.2	28.8	29.6	30.0	27.3	28.1	27.7	28.5	28.9
8H 4H	27.8	28.7	28.2	29.1	29.5	27.0	27.9	27.4	28.3	28.7
6H	28.3	29.1	28.8	29.5	30.0	27.4	28.2	27.9	28.6	29.0
8H	28.5	29.2	29.0	29.6	30.1	27.6	28.2	28.0	28.7	29.1
12H	28.7	29.2	29.2	29.7	30.2	27.7	28.2	28.2	28.7	29.2
12H 4H	27.8	28.6	28.2	29.0	29.4	27.0	27.8	27.4	28.2	28.7
6H	28.4	29.0	28.8	29.5	29.9	27.4	28.1	27.9	28.5	29.0
8H	28.6	29.1	29.1	29.6	30.1	27.6	28.2	28.1	28.7	29.2

Variations with the observer position at spacings:		
S = 1.0H	+ 0.2 / - 0.2	+ 0.2 / - 0.3
1.5H	+ 0.2 / - 0.2	+ 0.2 / - 0.4
2.0H	+ 0.3 / - 0.4	+ 0.3 / - 0.3

CIE Pub.117, 308.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.1)
Area: 0.008 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-19

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.AB10.9307.00)

UTILIZATION FACTORS TABLE

NAME: BUDDY SILICONE 6w 3D 21.AB10.9307.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 2200K IP67, BLT	DIM.: 1M	SERIAL No.:31
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	37	31
0.80	66	55	47	65	54	47	64	53	47	40
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	80	70	63	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	78	92	84	78	88	81	76	68
2.50	98	90	84	96	88	83	92	86	81	72
3.00	101	94	88	99	92	87	95	89	85	76
4.00	105	99	95	103	98	93	98	94	90	81
5.00	108	103	98	105	101	97	101	97	94	84
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

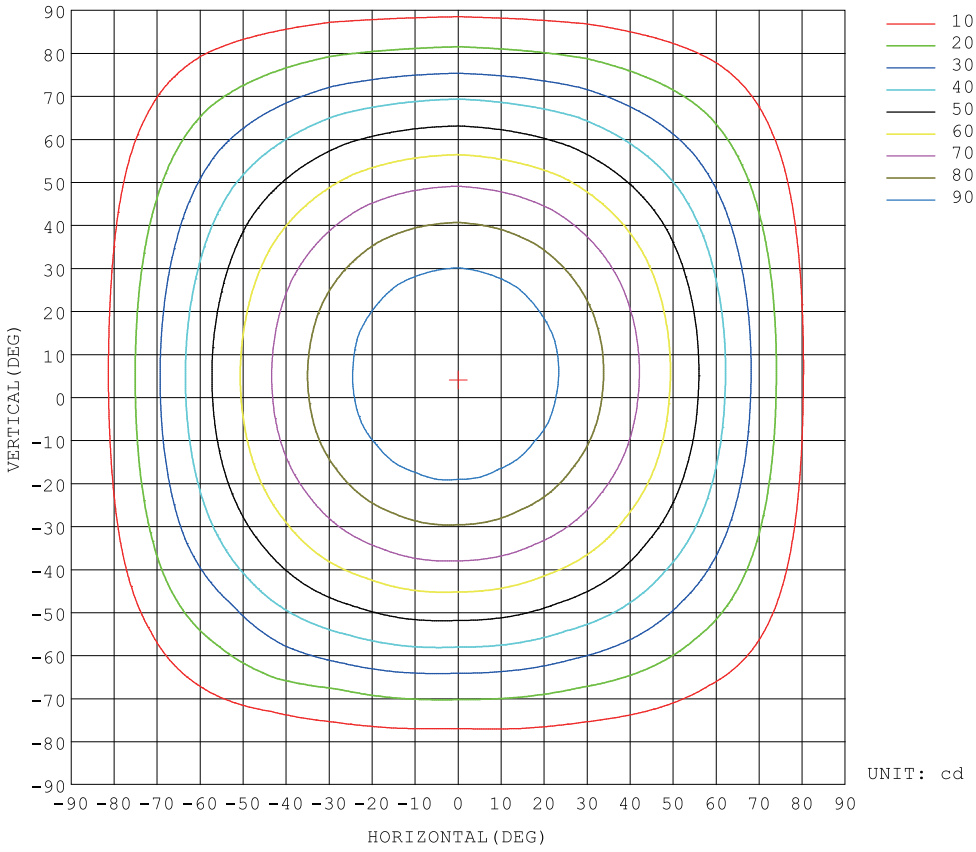
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-19

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.AB10.9307.00)

ISOCANDELA DIAGRAM

NAME: BUDDY SILICONE 6w 3D 21.AB10.9307.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 2200K IP67, BLT	DIM.: 1M	SERIAL No.:31
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.008*1	Shielding Angle:



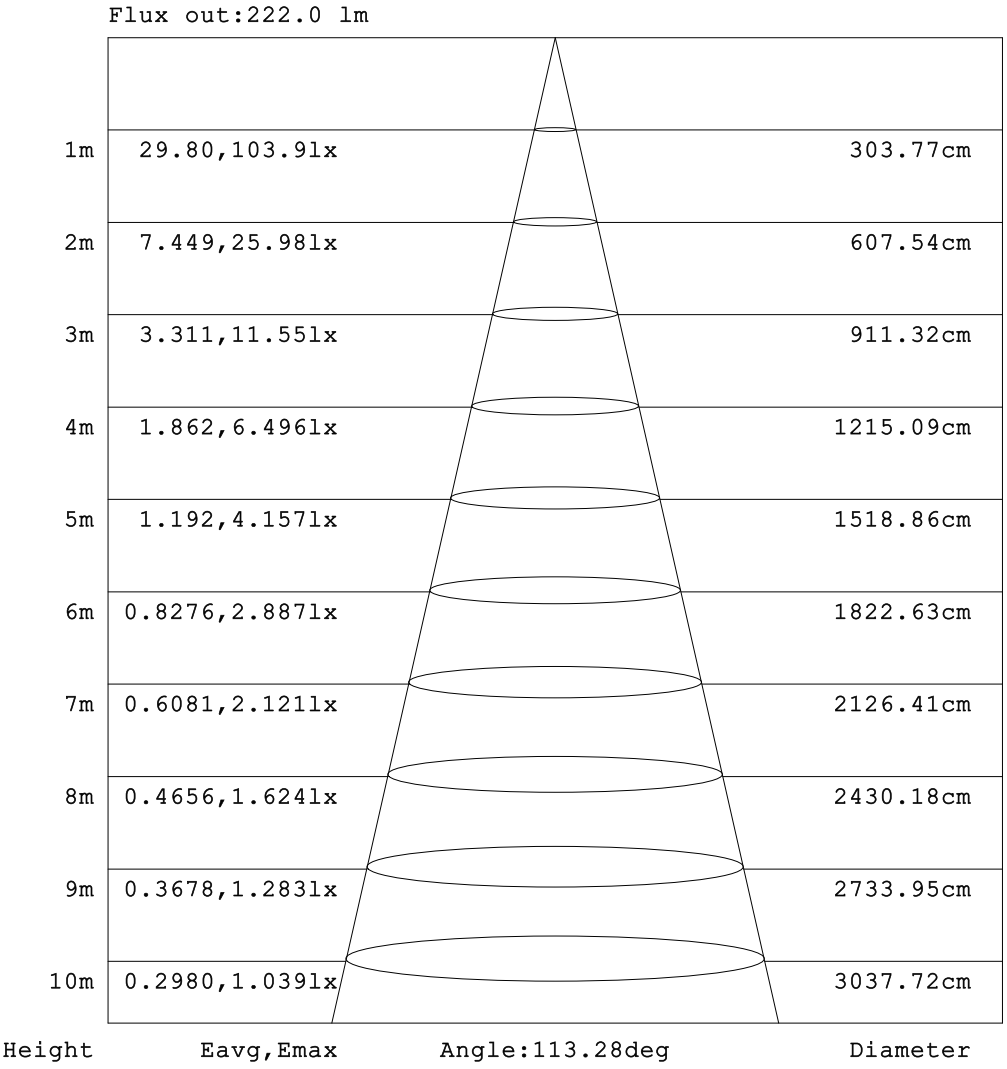
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-19

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.AB10.9307.00)

AAI Figure

NAME: BUDDY SILICONE 6w 3D 21.AB10.9307.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 2200K IP67, BLT	DIM.: 1M	SERIAL No.:31
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.008*1	Shielding Angle:



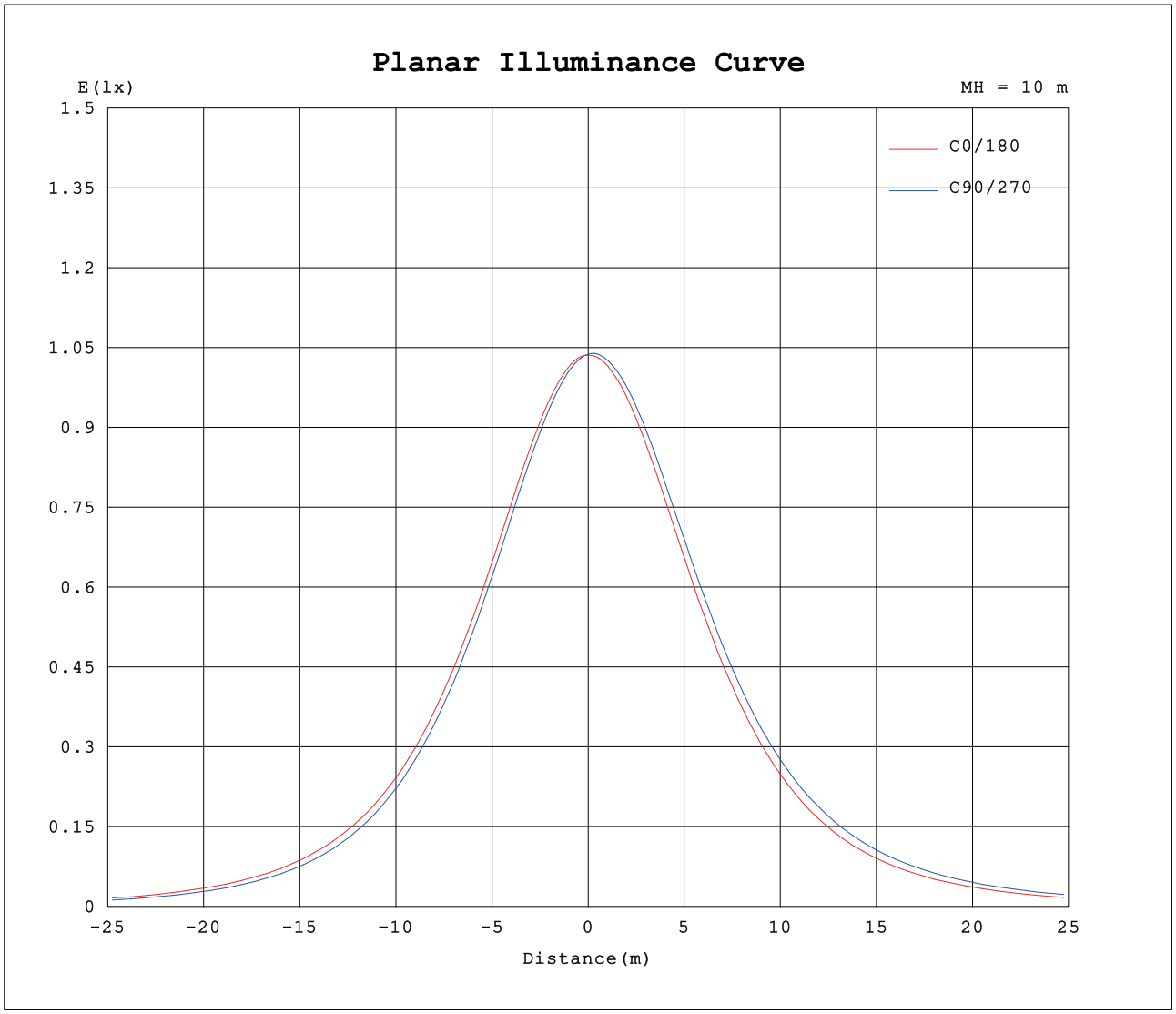
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-19

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.AB10.9307.00**)

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-19

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.AB10.9307.00)

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: BUDDY SILICONE 6w 3D 21.AB10.9307.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 2200K IP67, BLT	DIM.: 1M	SERIAL No.:31
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.008*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	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
5	103	103	103	102	102	102	102	103	103	103	103	103	103	104	104	104	104	104	104
10	102	101	101	100	100	100	100	100	101	101	101	102	102	103	103	103	104	104	104
15	99.2	98.6	97.8	97.4	97.0	97.0	97.0	97.4	97.6	98.2	98.7	99.4	99.9	101	101	102	102	103	103
20	96.0	95.2	94.1	93.7	93.1	93.2	93.0	93.5	93.8	94.7	95.3	96.3	96.9	97.8	98.8	99.5	100	100	101
25	91.8	90.9	89.6	89.1	88.4	88.4	88.3	88.9	89.2	90.3	90.9	92.2	93.1	94.1	95.4	96.3	97.2	97.5	97.6
30	87.1	85.8	84.5	83.8	83.0	83.0	82.9	83.5	84.0	85.1	86.0	87.3	88.4	89.7	91.2	92.3	93.3	93.6	93.9
35	81.5	80.1	78.5	77.8	76.9	77.0	76.8	77.5	78.1	79.3	80.3	81.8	83.0	84.6	86.2	87.5	88.6	89.1	89.3
40	75.4	73.8	72.0	71.1	70.2	70.2	70.2	70.9	71.5	72.8	73.9	75.6	77.0	78.8	80.6	82.1	83.3	83.9	84.1
45	68.6	66.8	64.9	64.0	63.0	63.0	62.9	63.7	64.3	65.8	67.0	68.8	70.4	72.3	74.4	75.9	77.4	77.9	78.2
50	61.3	59.4	57.3	56.3	55.2	55.2	55.1	56.0	56.6	58.2	59.5	61.4	63.3	65.2	67.6	69.2	70.8	71.4	71.7
55	53.5	51.4	49.3	48.2	47.1	47.0	47.0	47.8	48.6	50.2	51.5	53.6	55.5	57.6	60.1	61.8	63.6	64.2	64.6
60	45.2	43.1	40.8	39.7	38.6	38.6	38.4	39.4	40.1	41.7	43.1	45.3	47.3	49.4	52.2	54.0	55.9	56.5	57.0
65	36.6	34.4	32.0	31.1	29.9	30.0	29.7	30.7	31.4	33.0	33.9	36.6	38.7	41.0	43.9	45.8	47.8	48.5	48.9
70	27.7	25.6	23.3	22.5	21.3	21.5	21.3	22.0	21.9	24.4	24.9	27.8	29.8	32.1	35.2	37.1	39.3	39.9	40.5
75	19.0	17.0	15.1	14.4	13.6	13.8	13.5	13.6	13.5	14.9	16.7	19.0	20.9	23.3	26.3	28.4	30.5	31.3	31.8
80	10.8	9.26	7.96	7.69	7.29	7.39	6.85	7.25	7.39	7.42	8.13	9.33	12.4	14.7	17.7	19.8	21.9	22.7	23.3
85	4.13	3.42	2.97	3.15	3.00	3.17	3.02	3.18	3.10	3.12	2.89	2.77	5.15	7.22	9.94	12.0	13.9	14.7	15.2
90	0.30	0.65	0.90	1.09	1.29	1.31	1.35	1.35	1.31	1.09	0.92	0.62	0.77	2.14	4.21	5.92	7.54	8.26	8.71
95	0.18	0.27	0.39	0.44	0.70	0.79	0.86	0.72	0.60	0.35	0.27	0.31	0.44	0.31	0.51	1.36	3.49	4.11	4.71
100	0.18	0.22	0.29	0.37	0.54	0.49	0.58	0.46	0.45	0.32	0.25	0.24	0.27	0.23	0.59	1.14	1.73	2.20	2.64
105	0.19	0.20	0.28	0.34	0.49	0.46	0.53	0.42	0.41	0.26	0.24	0.20	0.20	0.21	0.34	0.68	1.10	1.42	1.59
110	0.19	0.21	0.23	0.30	0.42	0.37	0.46	0.37	0.36	0.26	0.23	0.22	0.21	0.21	0.24	0.59	0.77	1.00	1.04
115	0.19	0.25	0.23	0.30	0.32	0.34	0.39	0.32	0.31	0.25	0.23	0.24	0.23	0.21	0.23	0.44	0.57	0.80	0.85
120	0.19	0.26	0.23	0.30	0.32	0.31	0.34	0.32	0.30	0.28	0.24	0.27	0.24	0.22	0.23	0.30	0.39	0.60	0.57
125	0.22	0.29	0.23	0.29	0.32	0.32	0.32	0.32	0.31	0.31	0.24	0.29	0.26	0.22	0.25	0.27	0.32	0.43	0.40
130	0.22	0.31	0.23	0.33	0.31	0.34	0.31	0.34	0.31	0.32	0.24	0.29	0.28	0.22	0.27	0.27	0.30	0.40	0.39
135	0.23	0.32	0.24	0.34	0.31	0.34	0.31	0.35	0.31	0.34	0.24	0.31	0.30	0.22	0.29	0.27	0.30	0.35	0.38
140	0.25	0.34	0.26	0.36	0.32	0.36	0.31	0.36	0.32	0.35	0.25	0.35	0.33	0.23	0.32	0.28	0.31	0.32	0.38
145	0.28	0.35	0.29	0.36	0.35	0.36	0.34	0.36	0.32	0.37	0.28	0.36	0.34	0.25	0.33	0.28	0.33	0.32	0.37
150	0.32	0.36	0.33	0.36	0.35	0.36	0.35	0.36	0.34	0.39	0.33	0.37	0.36	0.32	0.35	0.28	0.35	0.33	0.37
155	0.33	0.36	0.34	0.36	0.35	0.36	0.35	0.36	0.35	0.39	0.34	0.37	0.36	0.34	0.37	0.32	0.36	0.36	0.37
160	0.35	0.36	0.35	0.36	0.35	0.36	0.35	0.36	0.37	0.40	0.34	0.37	0.36	0.35	0.37	0.34	0.37	0.36	0.37
165	0.35	0.36	0.35	0.36	0.35	0.36	0.36	0.36	0.37	0.41	0.34	0.37	0.36	0.35	0.37	0.35	0.37	0.36	0.37
170	0.35	0.36	0.35	0.36	0.35	0.36	0.36	0.36	0.37	0.42	0.35	0.37	0.36	0.35	0.37	0.35	0.37	0.36	0.37
175	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.37	0.43	0.35	0.37	0.36	0.35	0.36	0.36	0.37	0.36	0.37
180	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.38	0.43	0.36	0.37	0.36	0.35	0.36	0.36	0.36	0.36	0.37

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-19

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.AB10.9307.00)

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: BUDDY SILICONE 6w 3D 21.AB10.9307.00	TYPE:IES	WEIGHT:
SPEC.:6W 8X8MM X5M 3D 24V 2200K IP67, BLT	DIM.: 1M	SERIAL No.:31
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	104	104	104	104	104														
5	104	104	104	104	104														
10	104	104	103	103	102														
15	102	102	101	101	100														
20	100	99.8	98.9	98.2	97.1														
25	97.2	96.7	95.5	94.6	93.2														
30	93.3	92.7	91.4	90.2	88.6														
35	88.7	88.0	86.5	85.1	83.4														
40	83.5	82.6	81.0	79.4	77.4														
45	77.5	76.5	74.8	73.0	70.8														
50	70.9	69.9	67.9	66.1	63.6														
55	63.7	62.7	60.6	58.6	55.9														
60	56.1	55.1	52.8	50.7	47.9														
65	48.0	46.9	44.5	42.4	39.3														
70	39.5	38.5	36.0	33.8	30.6														
75	31.0	29.8	27.4	25.0	21.9														
80	22.4	21.3	18.9	16.5	13.5														
85	14.5	13.5	11.3	8.98	6.38														
90	8.16	7.22	5.44	3.71	1.83														
95	4.28	3.46	2.22	1.18	0.53														
100	2.43	1.95	1.35	0.69	0.36														
105	1.58	1.27	0.96	0.48	0.32														
110	1.19	0.95	0.72	0.39	0.26														
115	0.94	0.71	0.54	0.37	0.26														
120	0.69	0.50	0.48	0.36	0.26														
125	0.54	0.43	0.42	0.36	0.26														
130	0.47	0.42	0.39	0.36	0.26														
135	0.41	0.41	0.37	0.36	0.27														
140	0.39	0.39	0.37	0.36	0.27														
145	0.39	0.40	0.37	0.36	0.32														
150	0.39	0.40	0.37	0.39	0.33														
155	0.39	0.40	0.37	0.40	0.35														
160	0.39	0.41	0.37	0.40	0.36														
165	0.39	0.41	0.37	0.40	0.37														
170	0.39	0.42	0.37	0.40	0.37														
175	0.39	0.42	0.37	0.40	0.38														
180	0.39	0.42	0.40	0.41	0.38														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-01-19

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