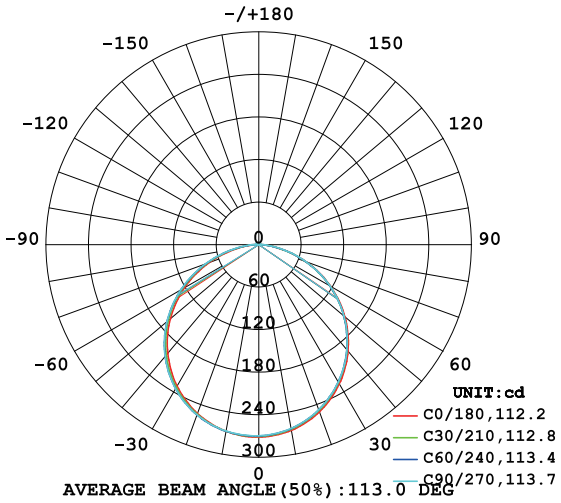
/BUDDY SILICONE (21.AB10.6527.00)

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: BUDDY SILICON-21.AB10.6527.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE BENDING 24V 3000K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:

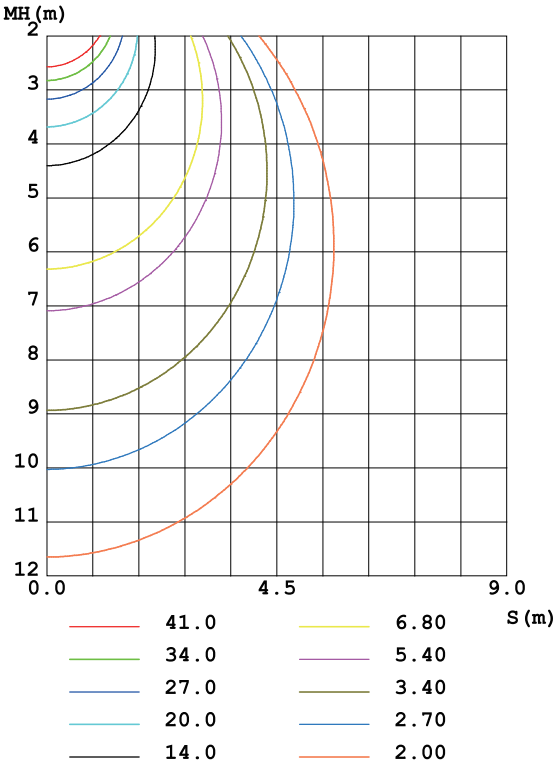
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 50.42 lm/W	
MODEL	21.AB10.6527.00	Imax(cd)	271.4	S/MH(C0/180)	1.26
NOMINAL POWER(W)	15.2597	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	786.08	η UP,DN(C0-180)	0.4,48.2
NOMINAL FLUX(lm)	786.077	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.8,50.6
LAMPS 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%):113.0 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:2025-10-16

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.AB10.6527.00**)

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	265.9	264.0	263.2	263.7	267.2	267.0	266.9	265.0	0- 10	25.53	25.53	3.25,3.25
20	250.8	248.7	247.7	249.0	253.3	254.8	255.4	252.3	10- 20	73.19	98.72	12.6,12.6
30	227.0	225.0	224.0	225.9	230.4	233.5	234.7	230.7	20- 30	111.1	209.8	26.7,26.7
40	195.9	194.0	193.4	195.5	199.9	203.9	205.5	200.7	30- 40	134.2	343.9	43.8,43.8
50	158.7	157.4	156.9	158.9	163.1	167.3	169.0	164.4	40- 50	139.5	483.5	61.5,61.5
60	116.8	115.8	115.8	117.6	120.7	124.8	126.8	122.2	50- 60	126.4	609.9	77.6,77.6
70	71.23	71.31	71.04	73.02	74.55	78.23	80.44	77.18	60- 70	96.46	706.3	89.9,89.9
80	26.82	28.05	27.99	29.23	29.64	32.98	35.22	32.44	70- 80	54.79	761.1	96.8,96.8
90	0.4025	2.708	3.544	3.170	3.304	5.630	7.544	5.614	80- 90	15.65	776.8	98.8,98.8
100	0.3957	0.9179	1.544	0.9502	0.3899	2.997	4.654	2.965	90-100	2.552	779.3	99.1,99.1
110	0.4042	0.9178	1.389	0.8807	0.4550	2.909	4.488	3.090	100-110	1.938	781.3	99.4,99.4
120	0.5034	0.8853	1.332	0.8430	0.5605	1.773	4.069	1.684	110-120	1.640	782.9	99.6,99.6
130	0.6172	0.8220	1.243	0.8228	0.6825	0.8286	2.182	0.9180	120-130	1.120	784.0	99.7,99.7
140	0.7367	0.8450	0.9995	0.8286	0.7961	0.8256	0.9598	0.8694	130-140	0.6905	784.7	99.8,99.8
150	0.8485	0.9504	0.9331	0.9018	0.8856	0.8453	0.9260	0.8754	140-150	0.5478	785.3	99.9,99.9
160	0.8934	0.9860	0.9582	0.9911	0.9669	0.9096	0.9920	0.9686	150-160	0.4299	785.7	100,100
170	0.9800	0.9937	0.9720	1.007	0.9992	0.9737	0.9962	0.9904	160-170	0.2776	786.0	100,100
180	0.9991	0.9991	1.007	1.007	0.9991	0.9910	0.9991	1.007	170-180	0.0949	786.1	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

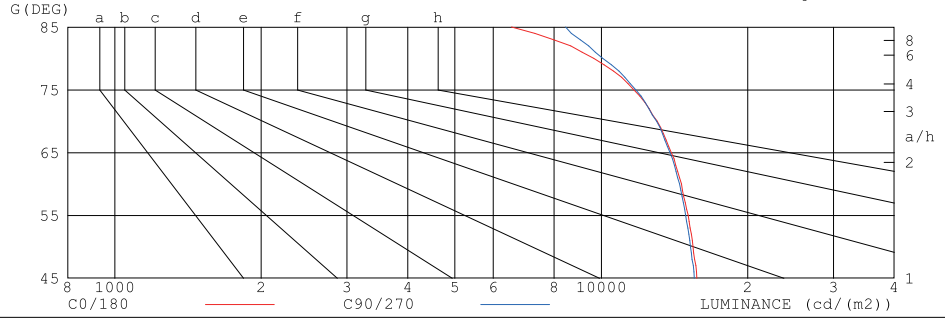
/BUDDY SILICONE (21.AB10.6527.00)

LUMINANCE LIMITATION CURVES

NAME: BUDDY SILICON-21.AB10.6527.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE BENDING 24V 3000K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*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	6539	8447
80	9652	10076
75	11671	11772
70	13016	12982
65	13934	13838
60	14606	14474
55	15087	14913
50	15434	15258
45	15727	15539

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.AB10.6527.00)

WEC AND CCEC

NAME: BUDDY SILICON-21.AB10.6527.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE BENDING 24V 3000K	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	.311	.177	.056	.304	.173	.055	.290	.166	.053	.277	.160	.051	.265	.154	.050	
2.0	.292	.160	.049	.286	.157	.049	.274	.152	.047	.262	.147	.046	.252	.142	.045	
3.0	.270	.144	.043	.265	.142	.043	.254	.137	.042	.244	.133	.041	.234	.130	.040	
4.0	.249	.130	.038	.244	.128	.038	.235	.124	.037	.226	.121	.037	.217	.118	.036	
5.0	.231	.117	.034	.226	.116	.034	.217	.113	.033	.209	.110	.033	.202	.108	.032	
6.0	.214	.107	.031	.210	.106	.030	.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	.182	.090	.025	.176	.088	.025	.170	.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	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.189	.165	.143	.162	.142	.123	.111	.098	.085	.064	.056	.050	.020	.018	.016	
2.0	.181	.141	.107	.155	.121	.093	.107	.084	.065	.061	.049	.038	.020	.016	.012	
3.0	.174	.123	.083	.149	.107	.072	.102	.074	.051	.059	.043	.030	.019	.014	.010	
4.0	.166	.110	.067	.143	.095	.059	.098	.066	.041	.057	.039	.024	.018	.013	.008	
5.0	.159	.100	.056	.136	.086	.049	.094	.060	.035	.054	.035	.021	.018	.012	.007	
6.0	.152	.092	.048	.130	.079	.042	.090	.055	.030	.052	.033	.018	.017	.011	.006	
7.0	.145	.085	.043	.125	.073	.037	.086	.051	.026	.050	.030	.016	.016	.010	.005	
8.0	.138	.079	.038	.119	.068	.033	.082	.048	.024	.048	.028	.014	.016	.009	.005	
9.0	.132	.074	.035	.114	.064	.030	.079	.045	.021	.046	.027	.013	.015	.009	.004	
10.0	.127	.070	.032	.109	.060	.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.AB10.6527.00)

UGR(Unified Glare Rating) Table

NAME: BUDDY SILICON-21.AB10.6527.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE BENDING 24V 3000K	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	22.1	23.6	22.4	23.9	24.1	22.1	23.6	22.4	23.8	24.1
3H	23.6	25.0	23.9	25.3	25.5	23.6	25.0	23.9	25.2	25.5
4H	24.2	25.5	24.5	25.8	26.0	24.2	25.5	24.5	25.8	26.0
6H	24.5	25.8	24.9	26.1	26.4	24.5	25.8	24.9	26.1	26.4
8H	24.6	25.8	25.0	26.1	26.4	24.6	25.9	25.0	26.2	26.5
12H	24.6	25.8	25.0	26.1	26.4	24.7	25.9	25.1	26.2	26.5
4H 2H	22.7	24.0	23.0	24.3	24.6	22.7	24.0	23.0	24.3	24.6
3H	24.4	25.5	24.7	25.8	26.2	24.4	25.5	24.7	25.8	26.2
4H	25.0	26.1	25.4	26.4	26.8	25.0	26.1	25.4	26.5	26.8
6H	25.5	26.5	25.9	26.8	27.2	25.5	26.5	26.0	26.9	27.3
8H	25.6	26.5	26.1	26.9	27.3	25.7	26.6	26.1	27.0	27.4
12H	25.7	26.5	26.1	26.9	27.3	25.8	26.6	26.2	27.0	27.4
8H 4H	25.3	26.2	25.7	26.5	27.0	25.3	26.2	25.7	26.5	27.0
6H	25.9	26.6	26.3	27.0	27.5	25.9	26.6	26.4	27.1	27.5
8H	26.1	26.7	26.5	27.2	27.6	26.1	26.8	26.6	27.2	27.7
12H	26.2	26.7	26.7	27.2	27.7	26.3	26.9	26.8	27.3	27.8
12H 4H	25.3	26.1	25.7	26.5	26.9	25.3	26.1	25.7	26.5	26.9
6H	25.9	26.6	26.4	27.0	27.5	26.0	26.6	26.4	27.0	27.5
8H	26.1	26.7	26.6	27.2	27.7	26.2	26.8	26.7	27.2	27.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 786.1 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.8)
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.AB10.6527.00)

UTILIZATION FACTORS TABLE

NAME: BUDDY SILICON-21.AB10.6527.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE BENDING 24V 3000K	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	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	63	56
1.50	88	78	70	86	77	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	95	91	82
5.00	108	103	99	106	101	98	101	97	94	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

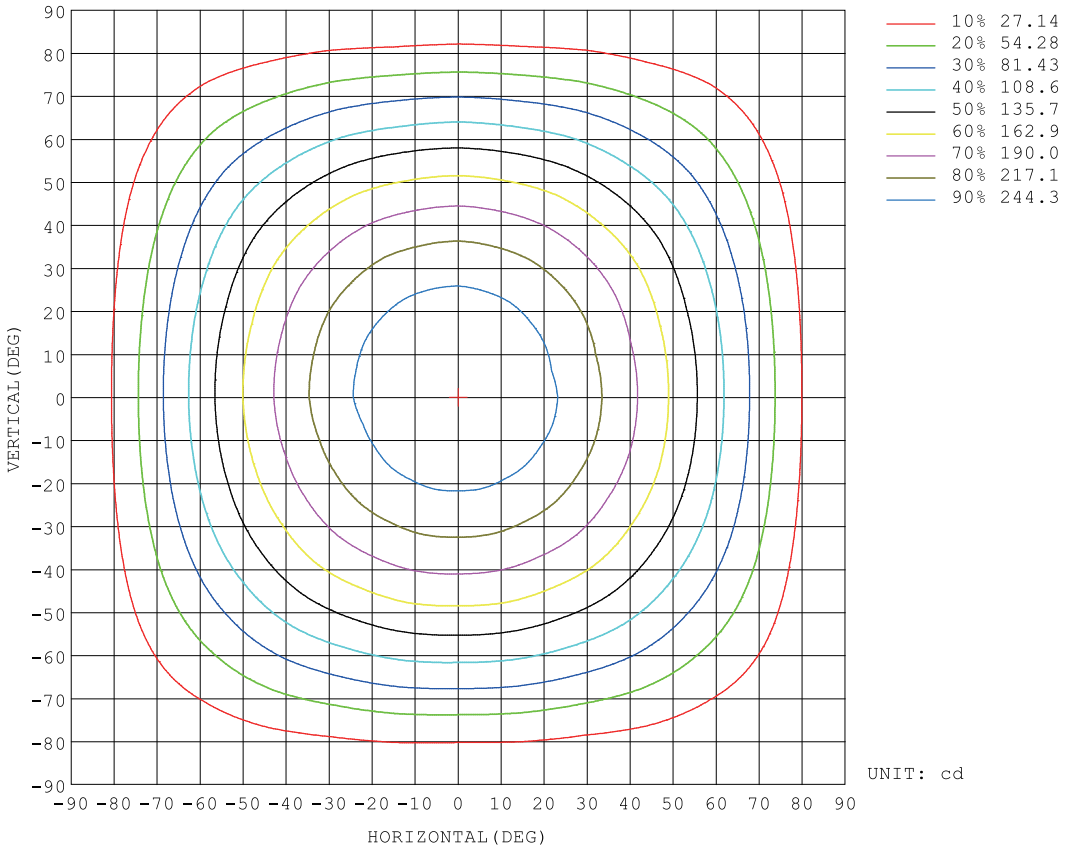
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-16

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.AB10.6527.00)

ISOCANDELA DIAGRAM

NAME: BUDDY SILICON-21.AB10.6527.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE BENDING 24V 3000K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:



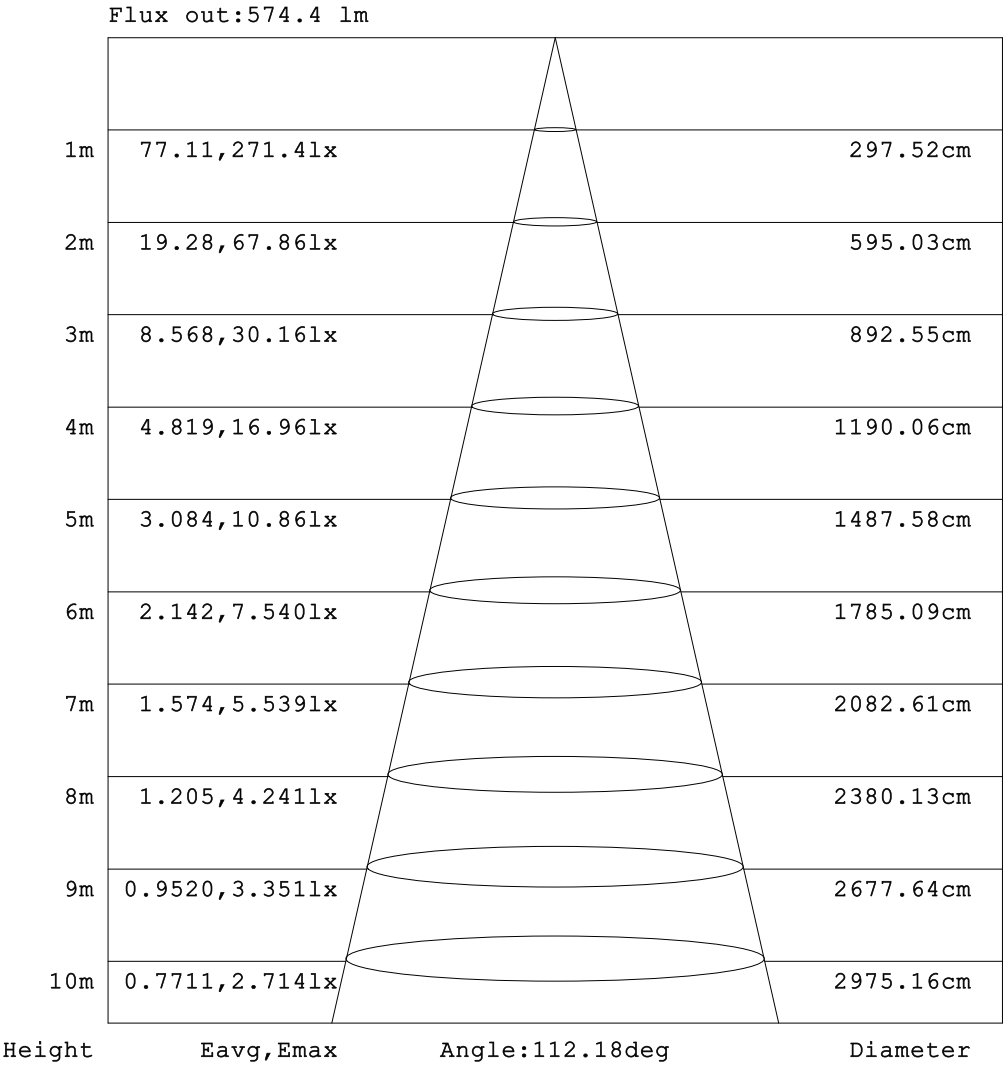
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Liangaiping
Test Date:2025-10-16

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.AB10.6527.00)

AAI Figure

NAME: BUDDY SILICON-21.AB10.6527.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE BENDING 24V 3000K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:



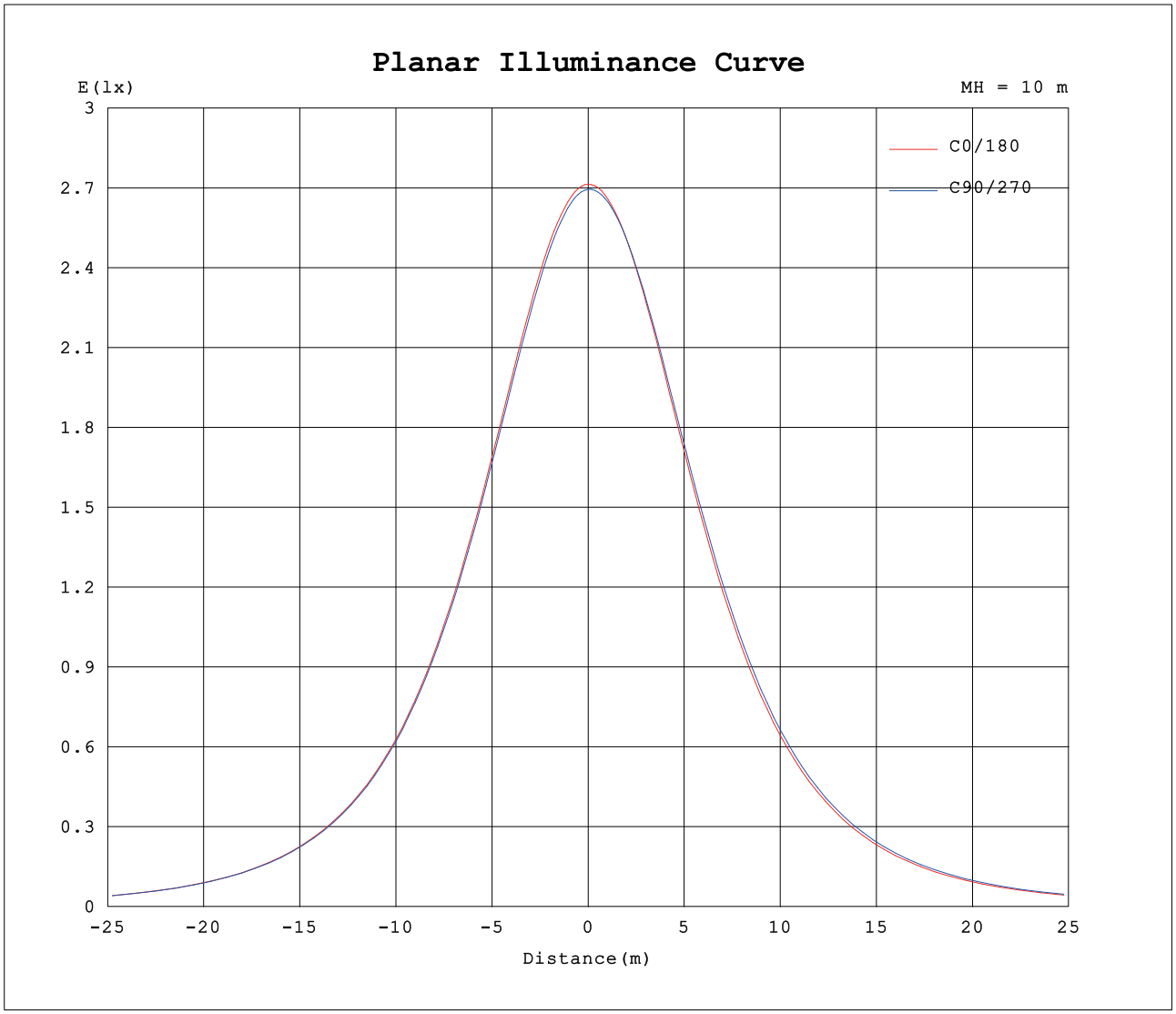
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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.AB10.6527.00**)

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.AB10.6527.00)

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: BUDDY SILICON-21.AB10.6527.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE BENDING 24V 3000K	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	271	271	271	270	270	270	270	269	269	269	269	269	271	271	271	270	270	270	270
5	270	269	269	268	268	268	268	268	267	268	268	268	271	270	270	270	270	269	269
10	266	265	264	264	263	263	263	263	263	264	264	264	267	267	267	267	267	267	267
15	260	259	258	257	257	257	257	257	257	257	258	258	261	261	262	262	263	262	262
20	251	250	249	249	248	248	248	248	248	249	249	250	253	253	254	255	256	255	255
25	240	239	238	238	237	237	237	238	237	238	238	240	243	243	245	245	246	246	246
30	227	226	225	225	224	225	224	225	225	226	226	227	230	231	233	233	235	235	235
35	212	212	210	210	209	210	210	211	210	212	211	213	216	217	219	220	221	221	221
40	196	195	194	194	193	194	193	194	194	195	195	197	200	200	203	204	205	205	206
45	178	177	176	176	175	176	176	177	177	178	178	179	182	183	186	186	188	187	188
50	159	158	157	157	157	157	157	158	158	159	159	160	163	164	167	167	169	168	169
55	138	138	137	137	137	137	137	138	138	139	139	140	142	143	146	147	148	148	149
60	117	116	115	116	115	116	116	117	117	118	117	118	121	122	124	125	127	126	127
65	94.2	94.2	93.0	93.8	93.1	94.3	93.6	94.9	94.4	95.6	95.0	96.2	97.9	98.9	101	102	104	103	104
70	71.2	71.5	70.3	71.3	70.5	71.8	71.0	72.5	71.7	73.0	72.1	73.3	74.6	75.4	78.0	78.2	80.0	79.7	80.4
75	48.3	48.8	47.7	48.9	48.1	49.5	48.8	50.2	49.3	50.5	49.4	50.4	51.3	52.0	54.6	55.0	56.5	56.0	57.0
80	26.8	27.4	26.6	28.0	27.3	28.6	28.0	29.3	28.4	29.2	28.0	28.8	29.6	30.0	32.2	33.0	34.5	34.1	35.2
85	9.12	9.95	9.82	11.1	11.0	12.0	11.8	12.6	11.9	12.1	10.8	11.1	12.0	11.8	13.9	15.0	16.5	16.6	17.5
90	0.40	1.11	1.84	2.71	3.06	3.56	3.54	3.87	3.45	3.17	2.27	1.78	3.30	2.56	4.32	5.63	6.76	7.03	7.54
95	0.39	0.45	0.79	1.11	1.41	1.62	1.80	1.66	1.45	1.20	1.02	0.73	1.94	1.30	2.03	2.76	3.73	4.61	4.91
100	0.40	0.47	0.73	0.92	1.21	1.39	1.54	1.39	1.21	0.95	0.82	0.49	0.39	1.03	2.13	3.00	3.82	4.43	4.65
105	0.40	0.48	0.71	0.92	1.19	1.30	1.44	1.29	1.17	0.89	0.73	0.48	0.41	0.51	2.17	3.12	3.79	4.40	4.54
110	0.40	0.48	0.71	0.92	1.18	1.25	1.39	1.25	1.17	0.88	0.71	0.47	0.45	0.47	1.71	2.91	3.77	4.37	4.49
115	0.44	0.53	0.70	0.92	1.17	1.23	1.36	1.23	1.15	0.86	0.70	0.51	0.50	0.48	0.86	2.75	3.52	4.35	4.40
120	0.50	0.58	0.69	0.89	1.17	1.23	1.33	1.22	1.12	0.84	0.68	0.57	0.56	0.48	0.70	1.77	3.16	3.97	4.07
125	0.55	0.64	0.69	0.85	1.15	1.19	1.32	1.17	1.09	0.82	0.69	0.64	0.63	0.58	0.68	0.91	2.19	3.15	3.43
130	0.62	0.70	0.70	0.82	1.06	1.11	1.24	1.10	1.02	0.82	0.69	0.69	0.68	0.62	0.71	0.83	1.04	1.81	2.18
135	0.73	0.76	0.72	0.83	0.97	1.01	1.13	1.01	0.95	0.82	0.70	0.76	0.73	0.66	0.75	0.82	0.89	1.07	1.18
140	0.74	0.82	0.76	0.85	0.90	0.96	1.00	0.96	0.89	0.83	0.73	0.81	0.80	0.73	0.80	0.83	0.88	0.94	0.96
145	0.77	0.88	0.84	0.90	0.89	0.93	0.92	0.94	0.89	0.88	0.77	0.86	0.84	0.76	0.84	0.84	0.87	0.91	0.94
150	0.85	0.93	0.86	0.95	0.89	0.95	0.93	0.94	0.90	0.90	0.85	0.89	0.89	0.87	0.90	0.85	0.89	0.91	0.93
155	0.87	0.97	0.89	0.98	0.91	0.98	0.95	0.99	0.91	0.96	0.89	0.93	0.93	0.88	0.95	0.86	0.95	0.90	0.97
160	0.89	1.01	0.93	0.99	0.96	0.98	0.96	0.99	0.97	0.99	0.93	0.97	0.97	0.89	0.99	0.91	0.99	0.90	0.99
165	0.95	1.01	0.98	0.99	0.97	0.99	0.97	1.00	1.00	1.01	0.97	1.01	1.00	0.95	0.99	0.96	0.99	0.97	0.99
170	0.98	1.01	0.98	0.99	0.98	0.99	0.97	1.00	1.00	1.01	0.98	1.01	1.00	0.98	1.00	0.97	1.00	0.98	1.00
175	0.98	1.01	0.99	1.00	0.99	0.99	0.98	1.01	1.01	1.01	0.99	1.01	1.00	0.98	1.00	0.98	1.00	0.99	1.00
180	1.00	1.02	1.00	1.00	0.99	0.99	1.01	1.01	1.01	1.01	1.02	1.02	1.00	0.99	1.00	0.99	1.00	0.99	1.00

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.AB10.6527.00**)

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: BUDDY SILICON-21.AB10.6527.00	TYPE:IES	WEIGHT:
SPEC.:16W 16X16MM X10M SIDE BENDING 24V 3000K	DIM.: 1M	SERIAL No.:
MFR.: IDEA ILUMINACIóN S.A.	SUR.:0.016*1	Shielding Angle:

Table--2 UNIT: cd

C(DEG) / γ (DEG)	285	300	315	330	345														
0	269	269	269	269	269														
5	269	269	268	268	268														
10	266	266	265	265	264														
15	262	261	260	259	258														
20	254	254	252	251	249														
25	245	244	243	241	239														
30	234	233	231	229	227														
35	220	219	217	215	212														
40	204	203	201	199	196														
45	187	186	183	182	178														
50	168	167	164	163	159														
55	147	147	144	143	139														
60	125	125	122	121	118														
65	102	102	100	98.9	95.3														
70	79.2	79.3	77.2	76.0	72.6														
75	56.1	56.1	54.1	53.1	50.0														
80	34.5	34.6	32.4	31.4	28.7														
85	17.0	16.8	14.9	13.7	11.1														
90	7.36	6.96	5.61	4.30	2.34														
95	4.70	3.82	2.89	1.97	1.16														
100	4.43	3.79	2.96	2.12	1.00														
105	4.42	3.85	3.09	2.14	0.54														
110	4.42	3.87	3.09	1.60	0.51														
115	4.37	3.80	2.75	0.84	0.52														
120	4.04	3.29	1.68	0.76	0.52														
125	3.13	2.13	1.05	0.75	0.57														
130	1.80	1.20	0.92	0.75	0.62														
135	1.16	0.97	0.87	0.78	0.71														
140	1.00	0.95	0.87	0.84	0.73														
145	0.94	0.94	0.87	0.89	0.78														
150	0.95	0.94	0.88	0.94	0.86														
155	0.95	0.99	0.90	0.99	0.86														
160	0.96	0.99	0.97	1.00	0.92														
165	0.97	1.00	0.98	1.00	0.98														
170	0.98	1.00	0.99	1.00	0.99														
175	0.99	1.01	1.00	1.01	1.00														
180	1.00	1.01	1.01	1.01	1.00														

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