



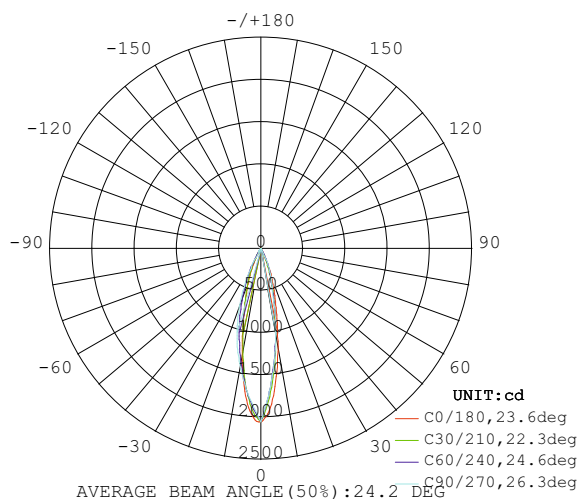
/LAMPARA DE MESA NAMBU 13W (08.AB40.9262.__)

LUMINAIRE PHOTOMETRIC TEST REPORT

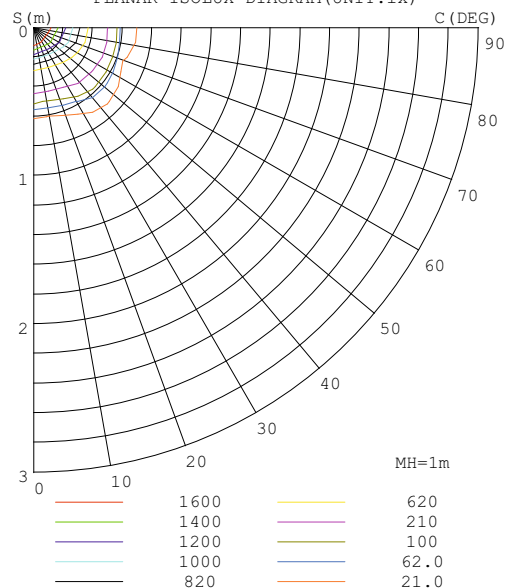
Test:U:34.29V I:0.1499A P:5.140W PF:1.000 Lamp Flux:525x2 lm		
NAME: LAMPARA DE MESA NAMBU 13W	TYPE:	SERIAL No.:2025120201
DIM.:	SPEC.:	PROTECTION ANGLE:
MFR.: IDEA ILUMINACIÓN S.A.	SUR.:	

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 94.40 lm/W
MODEL	08.AB40.9262.__	I _{max} (cd)	2058	S/MH (C0/180)	0.42	
NOMINAL POWER (W)	5	LOR (%)	46.2	S/MH (C90/270)	0.52	
RATED VOLTAGE (V)	35	TOTAL FLUX (lm)	485.25	h UP, DN (C0-180)	0.0, 26.7	
NOMINAL FLUX (lm)	525	CIE CLASS	DIRECT	h UP, DN (C180-360)	0.0, 19.6	
LAMPS INSIDE	2	h up (%)	0.0	CIBSE SHR NOM	0.00	
TEST VOLTAGE (V)	34.5	h down (%)	46.2	CIBSE SHR MAX	1.00	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 30DEG
Operators:
Test Date: 2025-12-02

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity: 65.0%
Test Distance: 5.835m [K=1.0000]
Remarks:

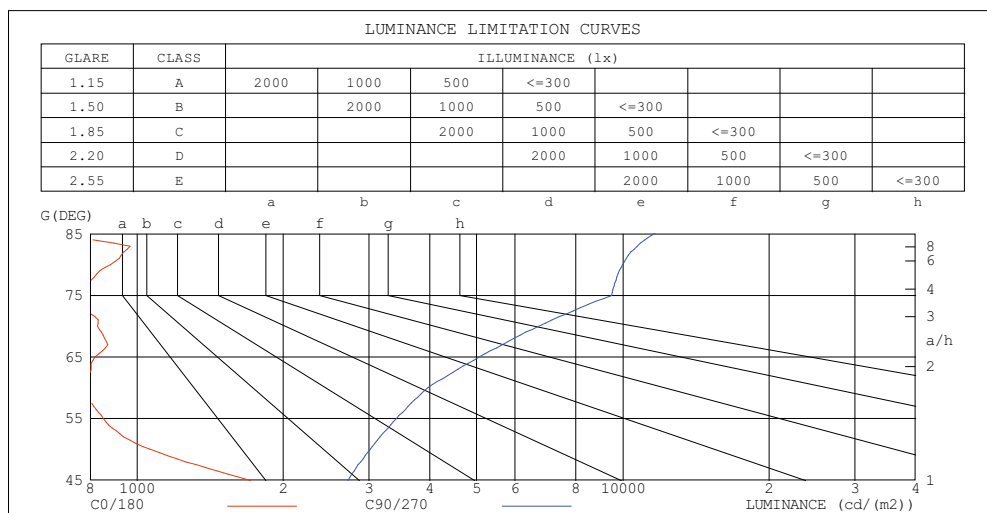


/LAMPARA DE MESA NAMBU 13W (08.AB40.9262.__)

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

q	C0	C45	C90	C135	C180	C225	C270	C315	q	F zone	F total	%lum, lamp
5	1854	1752	1740	1682	1752	1563	1552	1624	0- 5	43.55	43.55	8.98,4.15
10	1292	1305	1423	1208	1181	1023	1046	1094	5- 10	100.5	144.0	29.7,13.7
15	771.0	883.2	1106	793.3	693.2	597.7	541.3	649.7	10- 15	111.4	255.5	52.6,24.3
20	453.5	576.4	756.0	506.6	401.4	316.9	362.4	357.2	15- 20	96.05	351.5	72.4,33.5
25	225.2	328.7	405.4	282.1	174.1	153.4	183.5	189.2	20- 25	70.53	422.1	87,40.2
30	51.89	153.3	54.90	121.5	39.45	54.99	4.640	75.25	25- 30	35.99	458.0	94.4,43.6
35	12.26	46.75	37.88	32.97	9.358	13.83	3.954	18.54	30- 35	10.03	468.1	96.5,44.6
40	4.229	5.730	20.86	5.597	4.411	3.257	3.269	3.133	35- 40	3.435	471.5	97.2,44.9
45	2.421	4.046	3.833	4.216	2.539	2.679	2.584	2.607	40- 45	1.839	473.4	97.5,45.1
50	1.367	3.099	3.876	3.327	1.383	2.169	2.687	2.153	45- 50	1.127	474.5	97.8,45.2
55	0.9766	2.438	3.919	2.704	0.8844	1.824	2.791	1.838	50- 55	1.002	475.5	98,45.3
60	0.7647	2.374	3.962	2.626	0.5906	1.825	2.894	1.908	55- 60	1.004	476.5	98.2,45.4
65	0.6919	2.390	4.277	2.592	0.5082	1.827	3.587	2.009	60- 65	1.078	477.6	98.4,45.5
70	0.5670	2.631	4.592	2.918	0.4682	2.576	4.281	2.630	65- 70	1.292	478.9	98.7,45.6
75	0.3930	3.156	4.906	3.810	0.4258	4.499	4.974	3.717	70- 75	1.648	480.5	99,45.8
80	0.3060	3.473	3.468	4.474	0.3717	5.975	3.318	4.554	75- 80	2.042	482.5	99.4,46
85	0.0712	1.989	2.029	2.522	0.2398	3.061	1.661	2.353	80- 85	1.904	484.5	99.8,46.1
90	0.0071	0.4588	0.5905	0.4682	0.0019	0.0000	0.0047	0.0047	85- 90	0.8013	485.3	100,46.2
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/ (m2)		
G (DEG)	C0/180	C90/270
85	409	11640
80	881	9984
75	759	9478
70	829	6712
65	819	5060
60	765	3962
55	851	3416
50	1064	3015
45	1712	2710

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:
Test Date:2025-12-02

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:65.0%
Test Distance:5.835m [K=1.0000]
Remarks:

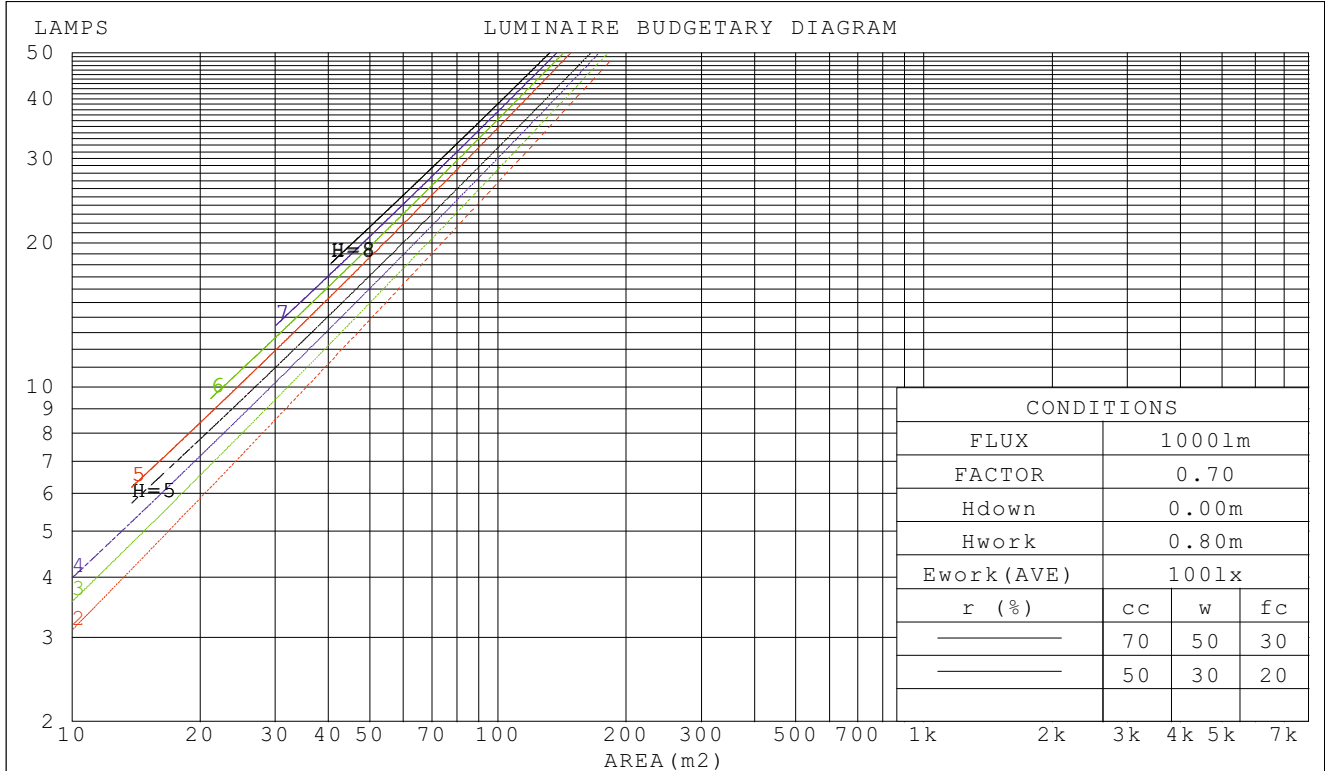


/LAMPARA DE MESA NAMBU 13W (08.AB40.9262.__)

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:34.29V I:0.1499A P:5.140W PF:1.000 Lamp Flux:525x2 lm		
NAME: LAMPARA DE MESA NAMBU 13W	TYPE:	SERIAL No.:2025120201
DIM.:	SPEC.:	PROTECTION ANGLE:
MFR.: IDEA ILUMINACIÓN S.A.	SUR.:	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	.55	.55	.55	.54	.54	.54	.51	.51	.51	.49	.49	.49	.47	.47	.47	.46
1.0	.52	.51	.50	.51	.50	.49	.49	.48	.48	.47	.47	.46	.46	.45	.45	.44
2.0	.49	.48	.46	.48	.47	.46	.47	.46	.45	.46	.45	.44	.44	.44	.43	.42
3.0	.47	.45	.44	.46	.45	.43	.45	.44	.43	.44	.43	.42	.43	.42	.41	.41
4.0	.45	.43	.41	.44	.42	.41	.43	.42	.41	.43	.41	.40	.42	.41	.40	.39
5.0	.43	.41	.39	.43	.41	.39	.42	.40	.39	.41	.40	.39	.40	.39	.38	.38
6.0	.41	.39	.38	.41	.39	.38	.40	.39	.37	.40	.38	.37	.39	.38	.37	.36
7.0	.40	.38	.36	.40	.38	.36	.39	.37	.36	.39	.37	.36	.38	.37	.36	.35
8.0	.39	.36	.35	.38	.36	.35	.38	.36	.35	.37	.36	.35	.37	.36	.35	.34
9.0	.37	.35	.34	.37	.35	.34	.37	.35	.34	.36	.35	.34	.36	.35	.34	.33
10.0	.36	.34	.33	.36	.34	.33	.36	.34	.33	.35	.34	.33	.35	.34	.33	.32



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:
Test Date:2025-12-02

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:65.0%
Test Distance:5.835m [K=1.0000]
Remarks:



/LAMPARA DE MESA NAMBU 13W (08.AB40.9262.__)

WEC AND CCEC

Test:U:34.29V I:0.1499A P:5.140W PF:1.000 Lamp Flux:525x2 lm		
NAME: LAMPARA DE MESA NAMBU 13W	TYPE:	SERIAL No.:2025120201
DIM.:	SPEC.:	PROTECTION ANGLE:
MFR.: IDEA ILUMINACIÓN S.A.	SUR.:	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.071	.040	.013	.068	.039	.012	.062	.035	.011	.057	.033	.010	.052	.030	.010	
2.0	.065	.035	.011	.062	.034	.011	.057	.032	.010	.053	.030	.009	.049	.028	.009	
3.0	.060	.032	.010	.058	.031	.009	.054	.029	.009	.050	.027	.008	.046	.026	.008	
4.0	.056	.029	.009	.054	.028	.008	.051	.027	.008	.047	.025	.008	.044	.024	.007	
5.0	.052	.027	.008	.051	.026	.008	.048	.025	.007	.045	.024	.007	.043	.023	.007	
6.0	.049	.025	.007	.048	.024	.007	.046	.023	.007	.043	.023	.007	.041	.022	.006	
7.0	.047	.023	.007	.046	.023	.007	.044	.022	.006	.042	.021	.006	.040	.021	.006	
8.0	.045	.022	.006	.044	.022	.006	.042	.021	.006	.040	.020	.006	.038	.020	.006	
9.0	.043	.021	.006	.042	.020	.006	.040	.020	.006	.039	.019	.006	.037	.019	.005	
10.0	.041	.020	.005	.040	.019	.005	.039	.019	.005	.037	.018	.005	.036	.018	.005	

rcc	80%			70%			50%			30%			10%			0	
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
rfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.088	.088	.088	.075	.075	.075	.051	.051	.051	.029	.029	.029	.009	.009	.009		
1.0	.078	.073	.068	.067	.062	.058	.046	.043	.040	.026	.025	.023	.008	.008	.008		
2.0	.070	.061	.054	.060	.053	.047	.041	.037	.032	.024	.021	.019	.008	.007	.006		
3.0	.063	.052	.044	.054	.045	.038	.037	.031	.026	.022	.018	.016	.007	.006	.005		
4.0	.058	.045	.036	.050	.039	.031	.034	.027	.022	.020	.016	.013	.006	.005	.004		
5.0	.053	.040	.030	.046	.034	.026	.031	.024	.018	.018	.014	.011	.006	.005	.004		
6.0	.049	.035	.025	.042	.030	.022	.029	.021	.016	.017	.013	.009	.005	.004	.003		
7.0	.046	.031	.021	.039	.027	.019	.027	.019	.013	.016	.011	.008	.005	.004	.003		
8.0	.043	.028	.019	.037	.025	.016	.025	.017	.011	.015	.010	.007	.005	.003	.002		
9.0	.040	.026	.016	.035	.022	.014	.024	.016	.010	.014	.009	.006	.005	.003	.002		
10.0	.038	.024	.014	.033	.020	.012	.023	.014	.009	.013	.009	.005	.004	.003	.002		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:30DEG
 Operators:
 Test Date:2025-12-02

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
 Humidity:65.0%
 Test Distance:5.835m [K=1.0000]
 Remarks:



/LAMPARA DE MESA NAMBU 13W (08.AB40.9262.__)

Uncorrected UGR Table

Test:U:34.29V I:0.1499A P:5.140W PF:1.000 Lamp Flux:525x2 lm											
NAME: LAMPARA DE MESA NAMBU 13W					TYPE:			SERIAL No.:2025120201			
DIM.:					SPEC.:			PROTECTION ANGLE:			
MFR.: IDEA ILUMINACIÓN S.A.					SUR.:						
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		4.7	5.4	4.9	5.6	5.7	9.7	10.4	9.9	10.6	10.7
	3H	5.0	5.7	5.3	5.9	6.1	12.0	12.7	12.3	12.9	13.1
	4H	5.2	5.9	5.5	6.1	6.3	13.8	14.5	14.1	14.7	14.9
	6H	5.4	6.0	5.7	6.2	6.5	15.3	15.9	15.6	16.1	16.4
	8H	5.5	6.1	5.8	6.3	6.6	15.9	16.4	16.2	16.7	16.9
	12H	5.5	6.1	5.8	6.4	6.6	16.3	16.9	16.6	17.1	17.4
4H	2H	5.6	6.2	5.9	6.4	6.7	9.8	10.5	10.1	10.7	10.9
	3H	6.8	7.3	7.1	7.6	7.9	12.7	13.3	13.0	13.5	13.8
	4H	8.0	8.5	8.3	8.8	9.1	14.9	15.4	15.3	15.7	16.0
	6H	9.3	9.8	9.7	10.1	10.4	16.7	17.1	17.0	17.5	17.8
	8H	9.6	10.0	9.9	10.3	10.7	17.3	17.7	17.7	18.1	18.4
	12H	9.8	10.2	10.2	10.5	10.9	17.8	18.2	18.2	18.6	19.0
8H	4H	10.9	11.3	11.3	11.7	12.0	15.4	15.8	15.8	16.2	16.5
	6H	14.6	15.0	15.0	15.3	15.8	17.4	17.7	17.8	18.1	18.5
	8H	16.9	17.2	17.3	17.6	18.0	18.2	18.5	18.6	18.9	19.3
	12H	18.1	18.4	18.6	18.8	19.3	18.9	19.1	19.3	19.6	20.0
12H	4H	11.5	11.9	11.9	12.2	12.6	15.6	16.0	16.0	16.4	16.8
	6H	15.1	15.5	15.6	15.9	16.3	17.7	18.0	18.1	18.4	18.8
	8H	17.6	17.9	18.1	18.4	18.8	18.5	18.8	18.9	19.2	19.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.3 / - 0.3					
1.5H	+ 0.3 / - 0.3					+ 0.8 / - 0.3					
2.0H	+ 0.5 / - 0.8					+ 0.2 / - 0.4					

CIE Pub.117 Corrected 1050 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.2)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:30DEG
 Operators:
 Test Date:2025-12-02

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
 Humidity:65.0%
 Test Distance:5.835m [K=1.0000]
 Remarks:



/LAMPARA DE MESA NAMBU 13W (08.AB40.9262.__)

UTILIZATION FACTORS TABLE

Test:U:34.29V I:0.1499A P:5.140W PF:1.000 Lamp Flux:525x2 lm		
NAME: LAMPARA DE MESA NAMBU 13W	TYPE:	SERIAL No.:2025120201
DIM.:	SPEC.:	PROTECTION ANGLE:
MFR.: IDEA ILUMINACIÓN S.A.	SUR.:	

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) $k(RI) \times RCR = 5$									
$k = 0.60$	42	39	37	41	39	37	41	39	37	36
0.80	45	42	41	44	42	41	44	42	40	39
1.00	47	44	43	46	44	42	45	44	42	40
1.25	48	46	44	48	46	44	47	45	44	42
1.50	49	47	46	49	47	46	48	46	45	43
2.00	50	49	47	50	48	47	48	47	46	44
2.50	51	49	48	50	49	48	49	48	47	44
3.00	52	50	49	51	50	48	49	48	47	45
4.00	53	51	50	52	51	50	50	49	49	45
5.00	53	52	51	52	51	51	50	50	49	46
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 30DEG
 Operators:
 Test Date: 2025-12-02

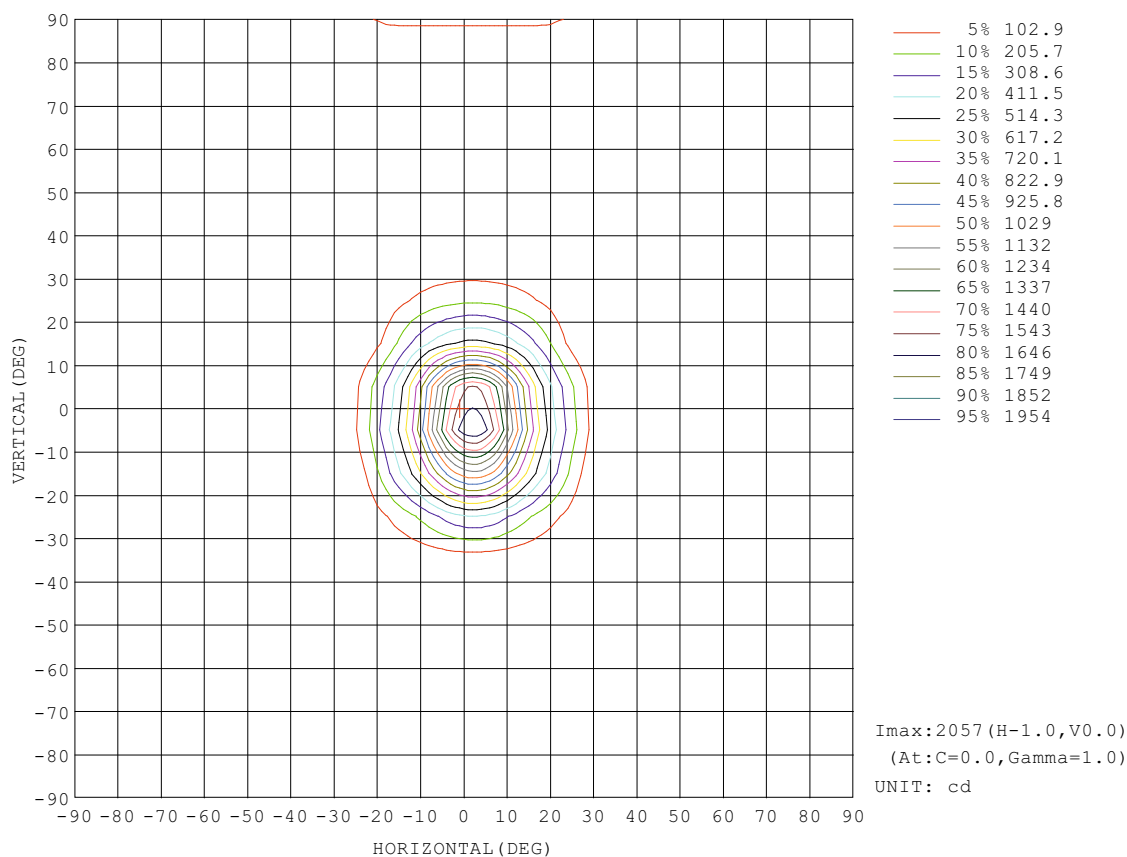
g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.275
 Humidity: 65.0%
 Test Distance: 5.835m [K=1.0000]
 Remarks:



/LAMPARA DE MESA NAMBU 13W (08.AB40.9262.__)

ISOCANDELA DIAGRAM

Test:U:34.29V I:0.1499A P:5.140W PF:1.000 Lamp Flux:525x2 lm		
NAME: LAMPARA DE MESA NAMBU 13W	TYPE:	SERIAL No.:2025120201
DIM.:	SPEC.:	PROTECTION ANGLE:
MFR.: IDEA ILUMINACIÓN S.A.	SUR.:	



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:
Test Date:2025-12-02

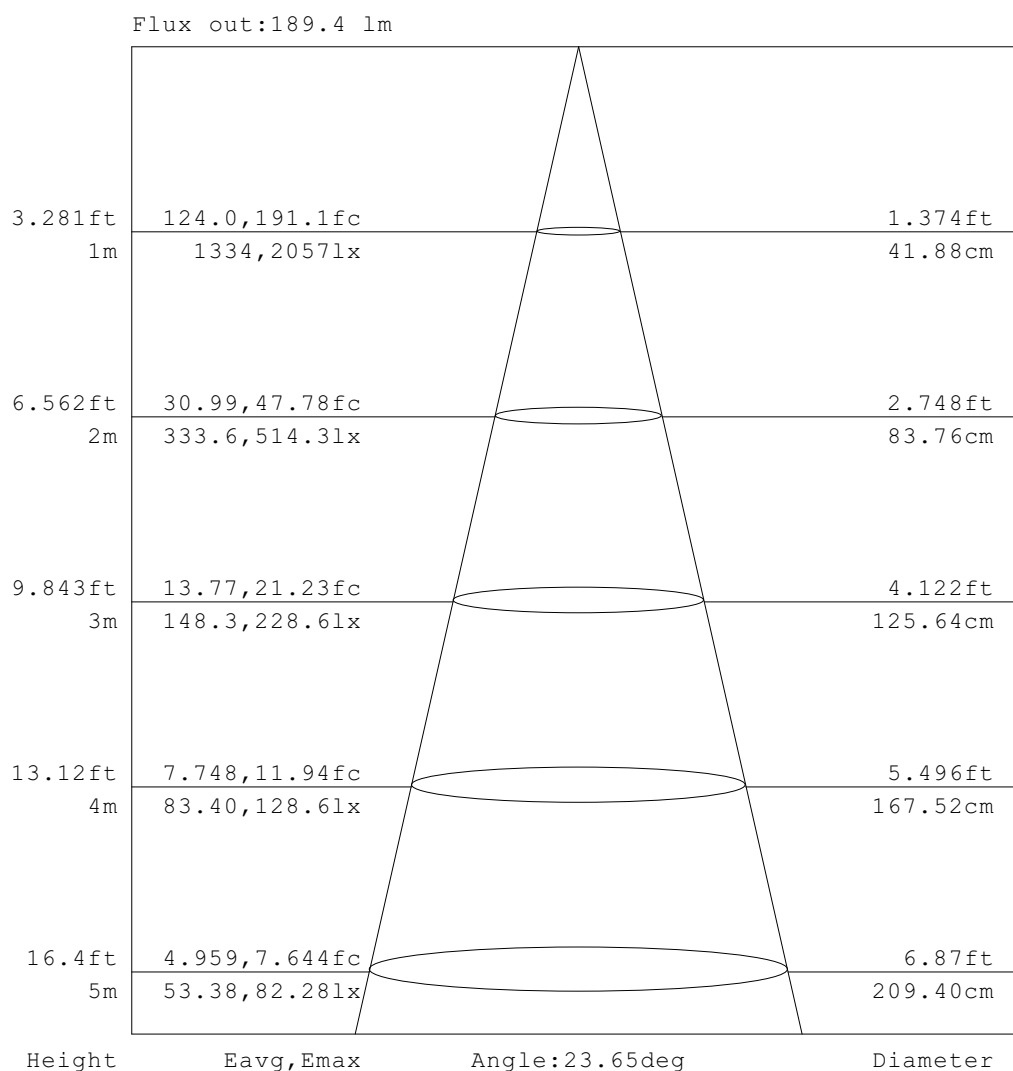
g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:65.0%
Test Distance:5.835m [K=1.0000]
Remarks:



/LAMPARA DE MESA NAMBU 13W (08.AB40.9262.__)

AAI Figure

Test:U:34.29V I:0.1499A P:5.140W PF:1.000 Lamp Flux:525x2 lm		
NAME: LAMPARA DE MESA NAMBU 13W	TYPE:	SERIAL No.:2025120201
DIM.:	SPEC.:	PROTECTION ANGLE:
MFR.: IDEA ILUMINACIÓN S.A.	SUR.:	



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

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:
Test Date:2025-12-02

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:65.0%
Test Distance:5.835m [K=1.0000]
Remarks:

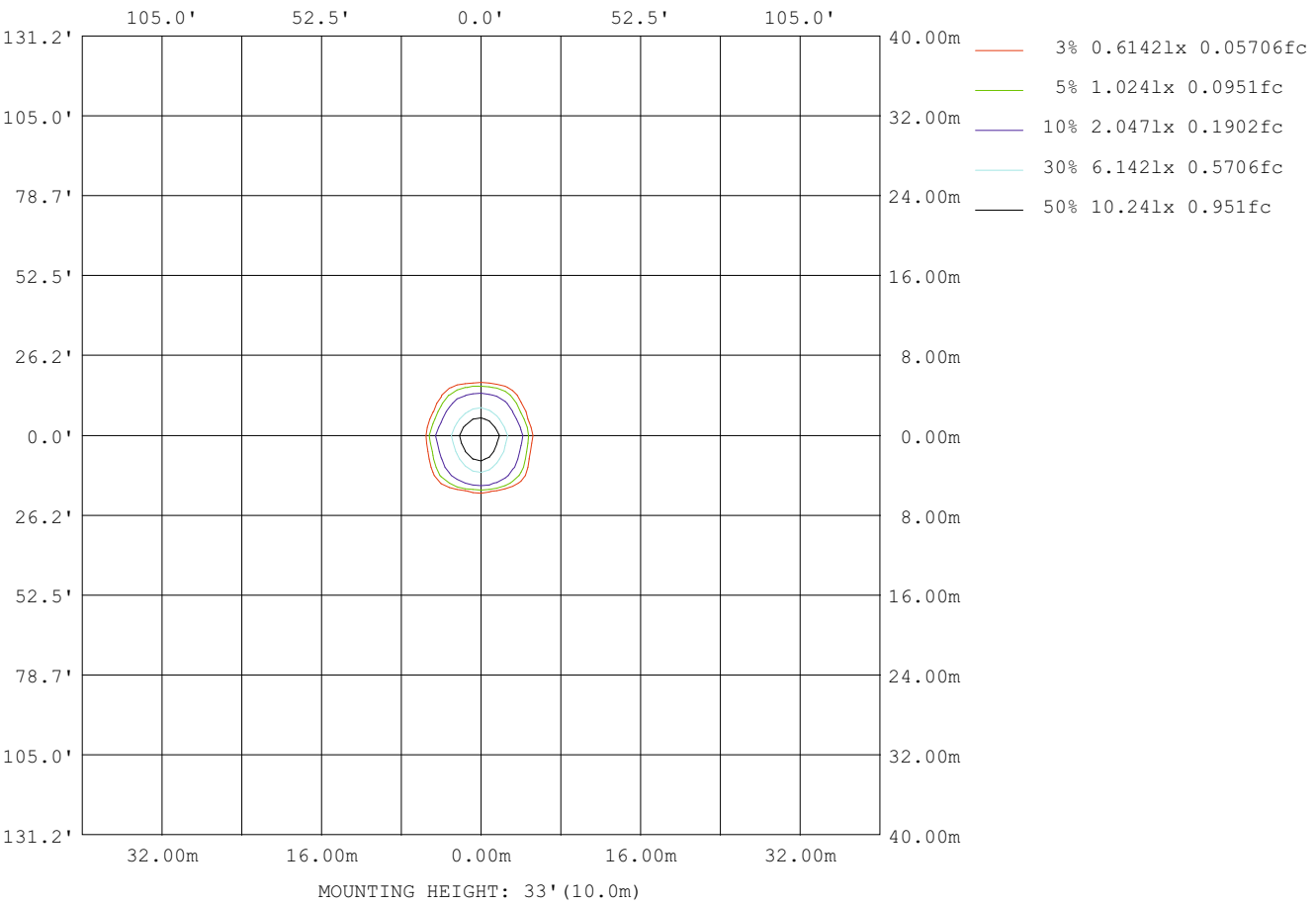


IDEA

/LAMPARA DE MESA NAMBU 13W (08.AB40.9262.__)

ISOLUX DIAGRAM

Test:U:34.29V I:0.1499A P:5.140W PF:1.000 Lamp Flux:525x2 lm		
NAME: LAMPARA DE MESA NAMBU 13W	TYPE:	SERIAL No.:2025120201
DIM.:	SPEC.:	PROTECTION ANGLE:
MFR.: IDEA ILUMINACIÓN S.A.	SUR.:	



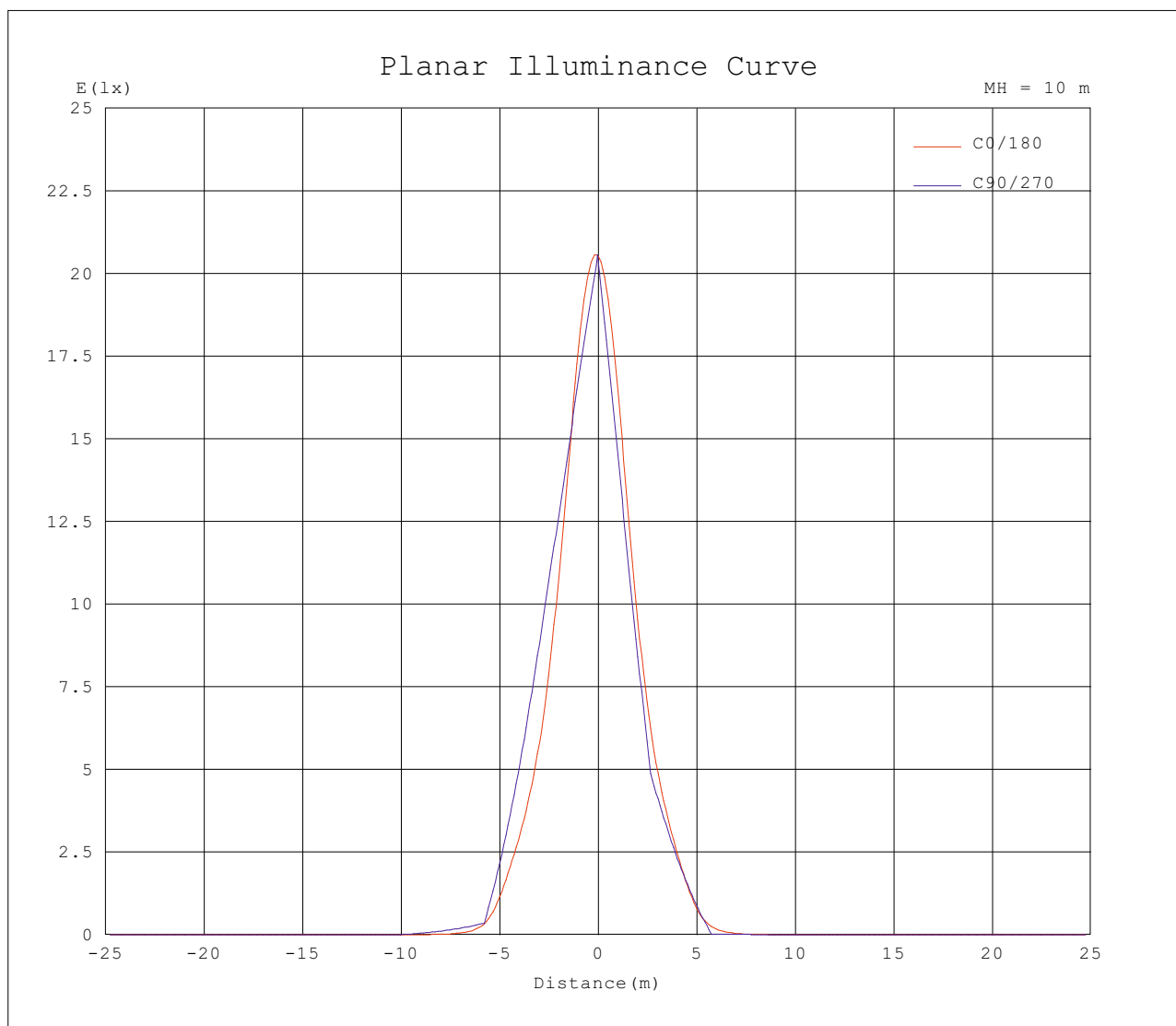
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:
Test Date:2025-12-02

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:65.0%
Test Distance:5.835m [K=1.0000]
Remarks:



/LAMPARA DE MESA NAMBU 13W (08.AB40.9262.__)

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 30DEG
Operators:
Test Date: 2025-12-02

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity: 65.0%
Test Distance: 5.835m [K=1.0000]
Remarks: