



Light Output Ratio:	45.6%	
Luminaire Power:	2.985 W	
SHR Nominal:	1.00	Calculated using the TM5
SHR Maximum:	1.15	fine grid method.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-01-23

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

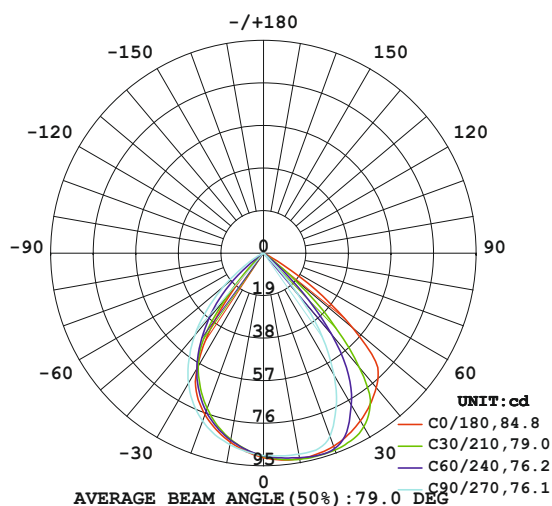


LUMINAIRE PHOTOMETRIC TEST REPORT

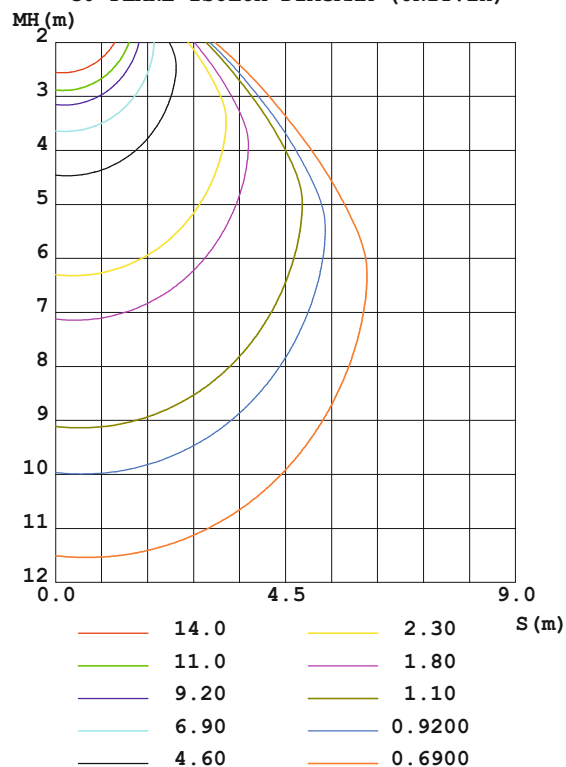
NAME: APLIQUE EQUI 13.AA80.00__.0__	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:200490
MFR.: IDEA ILUMINACIÓN S.A.	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 46.10 lm/W
MODEL	13.AA80.00__.0__	Imax (cd)	93.71	S/MH (C0/180)	0.99	
NOMINAL POWER (W)	3	LOR (%)	45.6	S/MH (C90/270)	1.13	
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	137.58	η UP,DN (C0-180)	0.0,21.7	
NOMINAL FLUX (lm)	302	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,23.8	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.00	
TEST VOLTAGE (V)	230	η down (%)	45.6	CIBSE SHR MAX	1.15	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



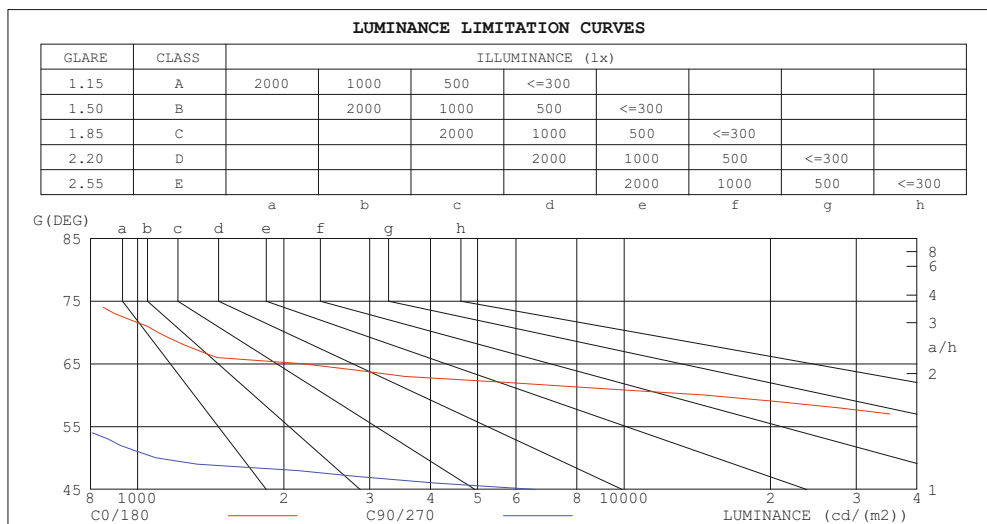
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-23

γ Range: 0 - 90DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:



LUMINANCE LIMITATION CURVES

NAME: APLIQUE EQUI 13.AA80.00__.0_	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:200490
MFR.: IDEA ILUMINACIÓN S.A.	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	83	0
80	491	0
75	796	0
70	1100	62
65	2173	268
60	14642	510
55	49654	729
50	81408	1091
45	102030	6577

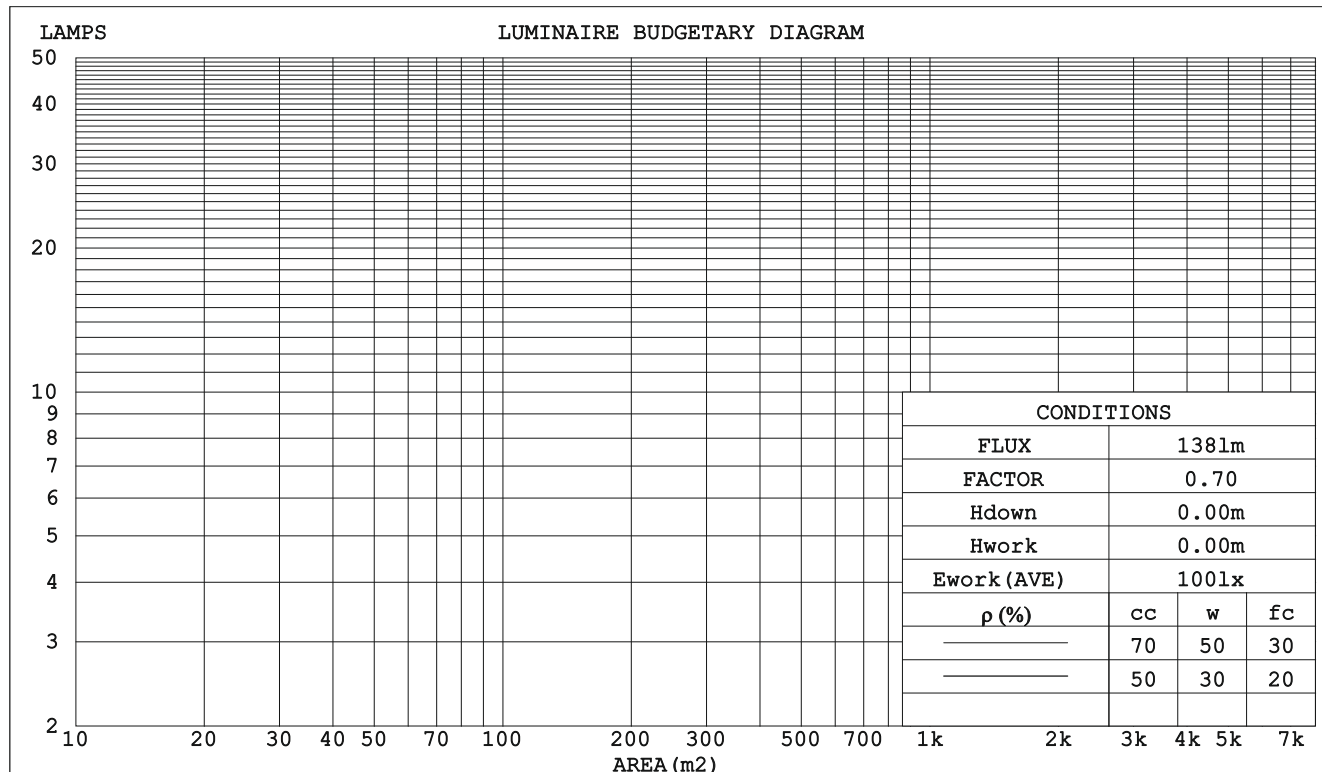
C Range: 0 - 360DEG
 C Interval: 30.0DEG
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 Temperature:25.3DEG
 Operators:
 Test Date:2021-01-23

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: APLIQUE EQUI 13.AA80.00__.0_	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:200490
MFR.: IDEA ILUMINACIÓN S.A.	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	.54	.54	.54	.53	.53	.53	.51	.51	.51	.48	.48	.48	.46	.46	.46	.46
1.0	.50	.48	.47	.49	.48	.47	.47	.46	.45	.45	.44	.44	.44	.43	.42	.42
2.0	.45	.43	.41	.45	.43	.41	.43	.41	.40	.42	.40	.39	.40	.39	.38	.38
3.0	.42	.39	.37	.41	.38	.36	.40	.38	.36	.38	.37	.35	.37	.36	.35	.34
4.0	.38	.35	.33	.38	.35	.33	.36	.34	.32	.36	.33	.32	.35	.33	.31	.31
5.0	.35	.32	.29	.34	.32	.29	.34	.31	.29	.33	.31	.29	.32	.30	.28	.28
6.0	.32	.29	.27	.32	.29	.27	.31	.28	.26	.30	.28	.26	.30	.28	.26	.25
7.0	.30	.27	.24	.29	.26	.24	.29	.26	.24	.28	.26	.24	.28	.25	.24	.23
8.0	.28	.24	.22	.27	.24	.22	.27	.24	.22	.26	.24	.22	.26	.24	.22	.21
9.0	.26	.23	.20	.25	.22	.20	.25	.22	.20	.24	.22	.20	.24	.22	.20	.19
10.0	.24	.21	.19	.24	.21	.19	.23	.21	.19	.23	.20	.19	.23	.20	.19	.18



C Range: 0 - 360DEG
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 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:



UGR(Unified Glare Rating) Table

NAME: APLIQUE EQUI 13.AA80.00__.0_	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:200490
MFR.: IDEA ILUMINACIÓN S.A.	SUR.:	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	29.6	30.7	29.8	30.9	31.1	24.5	25.6	24.7	25.8	26.0
3H	29.4	30.4	29.6	30.6	30.9	24.3	25.3	24.6	25.6	25.8
4H	29.3	30.3	29.6	30.5	30.7	24.2	25.2	24.5	25.4	25.7
6H	29.2	30.1	29.5	30.4	30.6	24.1	25.0	24.4	25.3	25.5
8H	29.1	30.0	29.5	30.3	30.6	24.1	25.0	24.4	25.2	25.5
12H	29.1	29.9	29.4	30.2	30.5	24.0	24.9	24.3	25.1	25.4
4H 2H	29.3	30.3	29.6	30.5	30.7	24.2	25.2	24.5	25.4	25.7
3H	29.1	29.9	29.4	30.2	30.5	24.0	24.9	24.4	25.2	25.4
4H	29.0	29.8	29.4	30.1	30.4	23.9	24.7	24.3	25.0	25.3
6H	28.9	29.6	29.3	29.9	30.3	23.8	24.5	24.2	24.9	25.2
8H	28.9	29.5	29.3	29.8	30.2	23.8	24.4	24.2	24.8	25.1
12H	28.8	29.4	29.2	29.8	30.1	23.7	24.3	24.2	24.7	25.1
8H 4H	28.9	29.5	29.3	29.8	30.2	23.8	24.4	24.2	24.8	25.1
6H	28.8	29.3	29.2	29.7	30.1	23.7	24.2	24.1	24.6	25.0
8H	28.7	29.2	29.2	29.6	30.0	23.7	24.1	24.1	24.5	25.0
12H	28.7	29.0	29.1	29.5	30.0	23.6	24.0	24.1	24.4	24.9
12H 4H	28.8	29.4	29.2	29.8	30.1	23.7	24.3	24.2	24.7	25.1
6H	28.7	29.2	29.2	29.6	30.0	23.7	24.1	24.1	24.5	25.0
8H	28.7	29.0	29.1	29.5	30.0	23.6	24.0	24.1	24.4	24.9
Variations with the observer position at spacings:										
S = 1.0H	+ 2.0 / - 7.3					+ 3.3 / -22.6				
1.5H	+ 3.4 / -18.0					+ 4.4 / -20.4				
2.0H	+ 6.6 / -22.7					+ 7.2 / -15.3				

CIE Pub.117, 302.0 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -4.2$)
Area: 0.001 m²

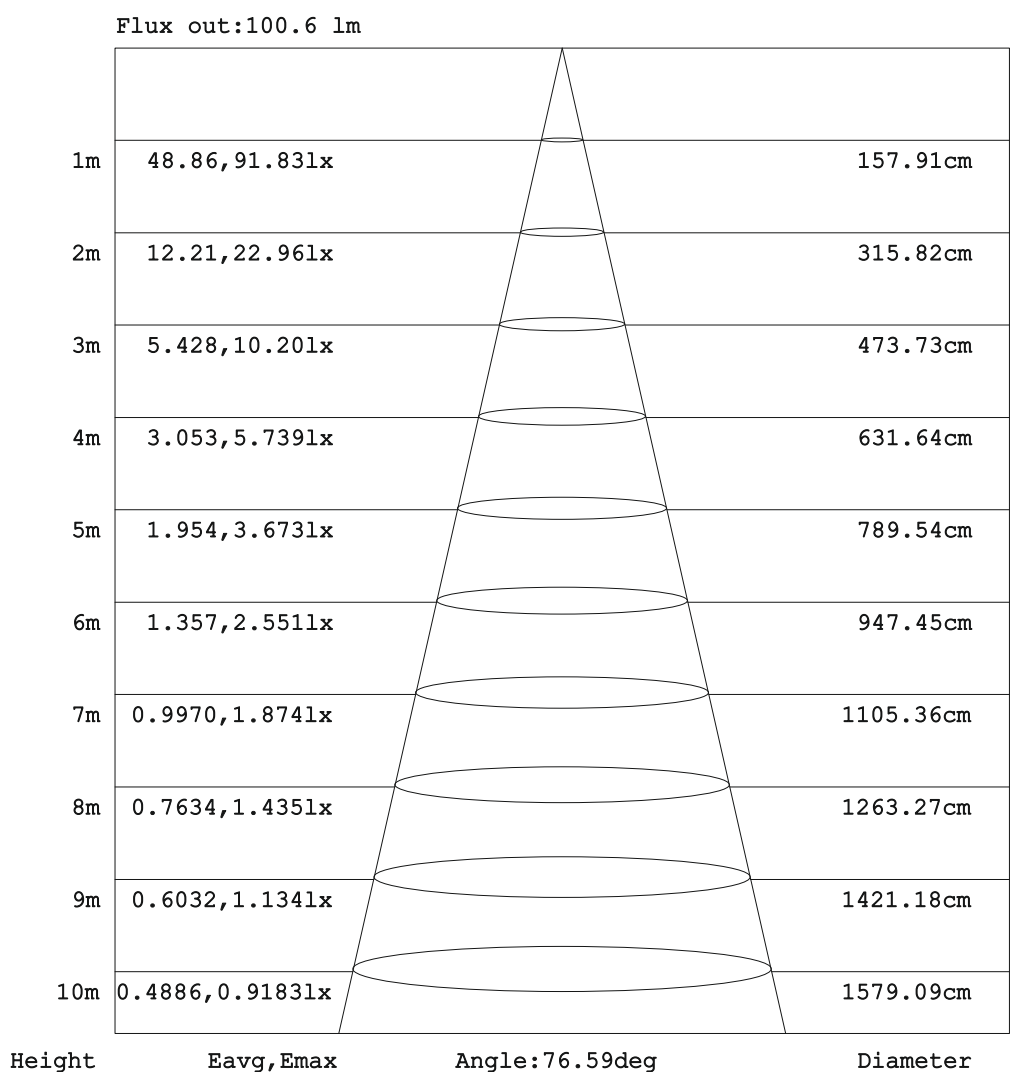
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
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 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:



AAI Figure

NAME: APLIQUE EQUI 13.AA80.00___.0_	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:200490
MFR.: IDEA ILUMINACIÓN S.A.	SUR.:	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: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-23

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:



LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: APLIQUE EQUI 13.AA80.00__._0_	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:200490
MFR.: IDEA ILUMINACIÓN S.A.	SUR.:	Shielding Angle:

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-23

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γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

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