

IDEA

/APLIQUE ALEO R (13.AA68.4021.____)



Light Output Ratio:	27.4%	
Luminaire Power:	4.306 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.2DEG

Test Date: 2020-10-15

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity: 53%
Test Distance: 10.210m [K=1.0000]
Remarks:

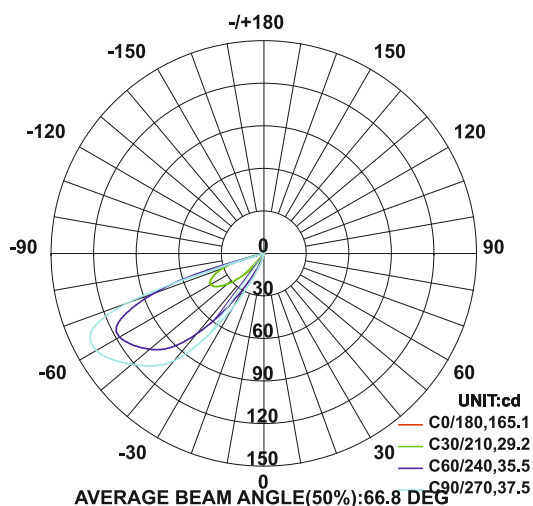


LUMINAIRE PHOTOMETRIC TEST REPORT

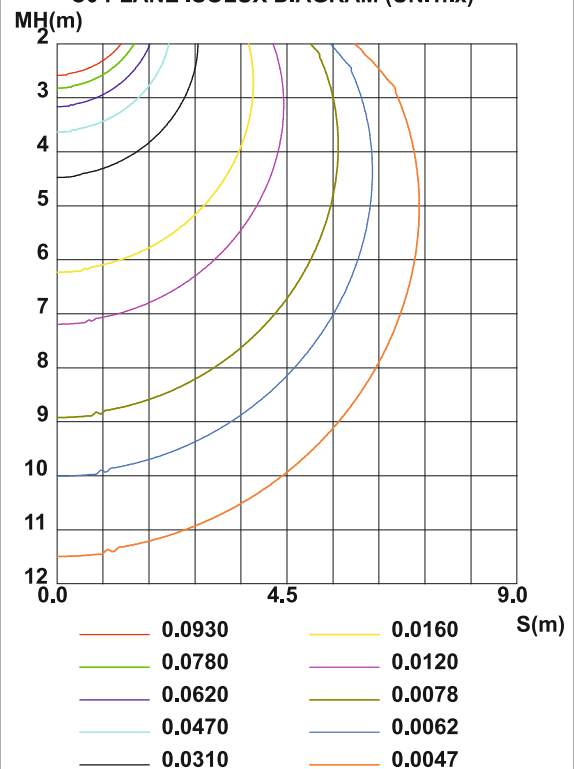
Test:U:230.27V I:0.0392A P:4.3063W PF:0.4770 Freq:49.99Hz Lamp Flux:387.67x1 lm		
NAME: APLIQUE ALEO R 13.AA68.4021.__	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:200276
	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 24.66 lm/W
MODEL	Bridgelux 2835	I _{max} (cd)	137.2	S/MH(C0/180)	2.14	
NOMINAL POWER(W)	5	LOR(%)	27.4	S/MH(C90/270)	5.10	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	106.20	η _{UP,DN} (C0-180)	0.0,0.2	
NOMINAL FLUX(lm)	387.67	CIE CLASS	DIRECT	η _{UP,DN} (C180-360)	0.0,27.2	
LAMPS INSIDE	1	η _{up} (%)	0.0	CIBSE SHR NOM	0.00	
TEST VOLTAGE(V)	230	η _{down} (%)	27.4	CIBSE SHR MAX	1.00	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



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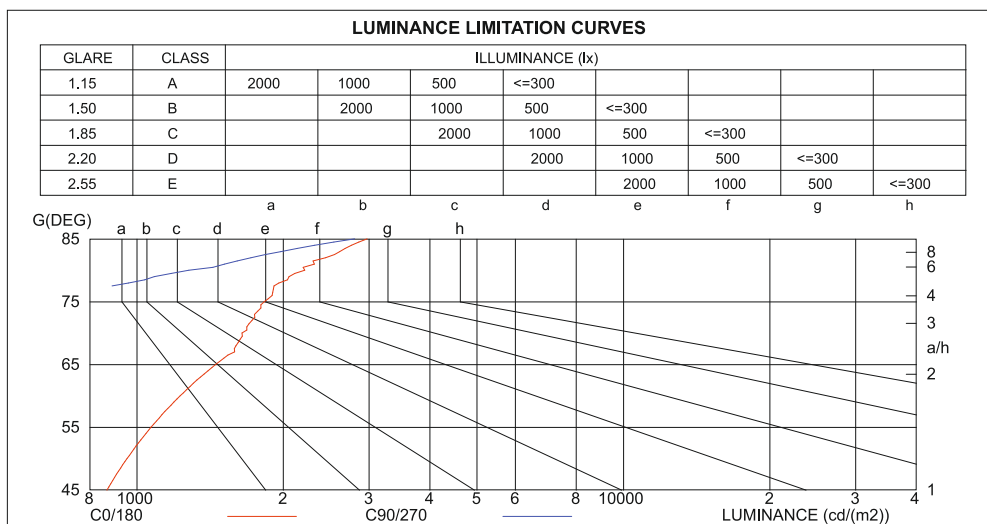
Test Date:2020-10-15

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LUMINANCE LIMITATION CURVES

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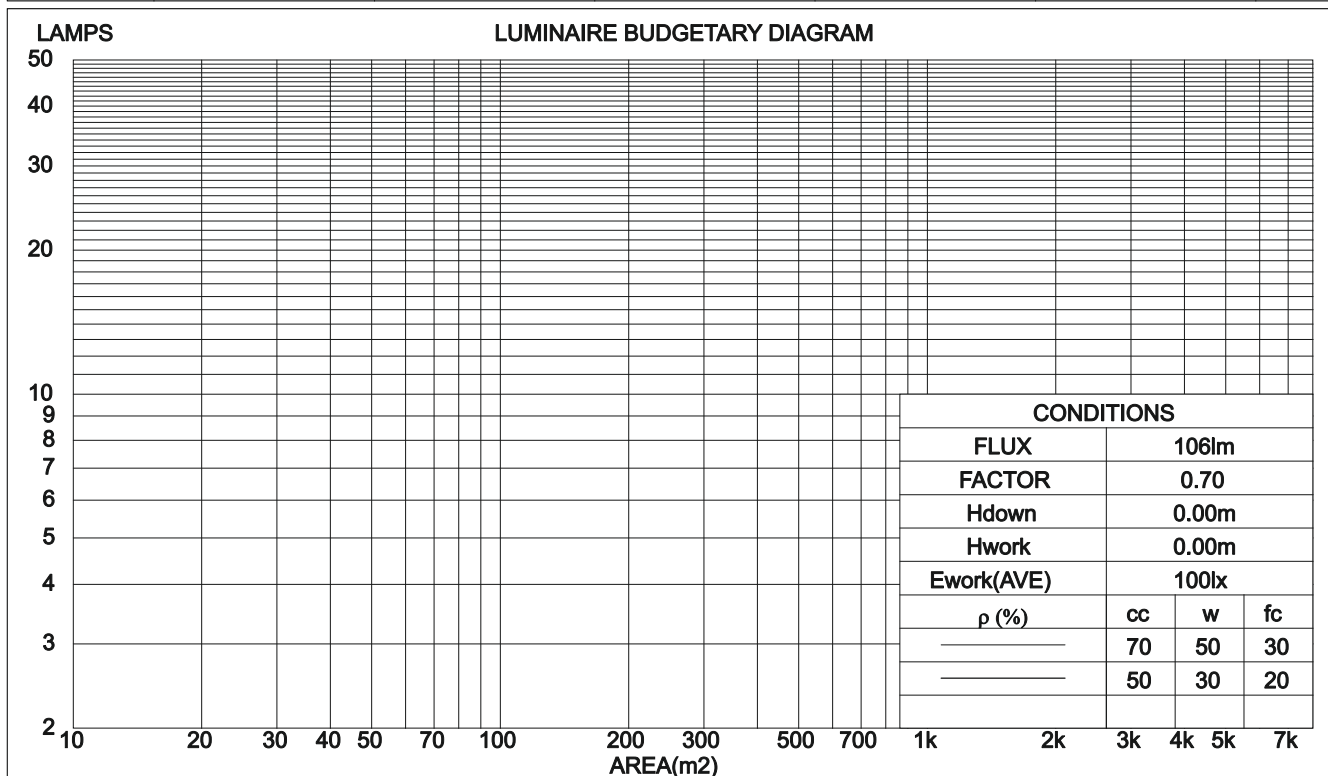
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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NAME: APLIQUE ALEO R 13.AA68.4021.__	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:200276
	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_c	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	.33	.33	.33	.32	.32	.32	.30	.30	.30	.29	.29	.29	.28	.28	.28	.27
1.0	.28	.26	.25	.27	.26	.25	.26	.25	.24	.25	.24	.23	.24	.23	.22	.22
2.0	.23	.20	.18	.22	.20	.18	.21	.19	.18	.20	.19	.17	.19	.18	.17	.16
3.0	.19	.16	.14	.18	.16	.14	.17	.15	.13	.17	.15	.13	.16	.14	.13	.12
4.0	.16	.13	.10	.15	.13	.10	.15	.12	.10	.14	.12	.10	.13	.11	.10	.09
5.0	.13	.10	.08	.13	.10	.08	.12	.10	.08	.12	.09	.08	.11	.09	.08	.07
6.0	.11	.08	.06	.11	.08	.06	.11	.08	.06	.10	.08	.06	.10	.08	.06	.05
7.0	.10	.07	.05	.10	.07	.05	.09	.07	.05	.09	.07	.05	.08	.06	.05	.04
8.0	.09	.06	.04	.09	.06	.04	.08	.06	.04	.08	.06	.04	.07	.05	.04	.03
9.0	.08	.05	.03	.08	.05	.03	.07	.05	.03	.07	.05	.03	.07	.05	.03	.03
10.0	.07	.04	.03	.07	.04	.03	.07	.04	.03	.06	.04	.03	.06	.04	.03	.02



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UGR(Unified Glare Rating) Table

Test:U:230.27V I:0.0392A P:4.3063W PF:0.4770 Freq:49.99Hz Lamp Flux:387.67x1 lm											
NAME: APLIQUE ALEO R 13.AA68.4021.__					TYPE:LED			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:200276			
					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	2.7	4.6	3.0	4.8	5.1	-6.3	-4.4	-6.0	-4.2	-3.9
	3H	6.3	8.1	6.6	8.3	8.6	-3.4	-1.7	-3.1	-1.4	-1.1
	4H	7.9	9.6	8.2	9.9	10.1	-0.8	0.9	-0.5	1.2	1.5
	6H	9.3	10.9	9.7	11.2	11.5	2.8	4.4	3.2	4.7	5.0
	8H	10.1	11.6	10.4	11.9	12.2	4.9	6.4	5.3	6.7	7.0
	12H	10.8	12.2	11.1	12.5	12.9	6.9	8.4	7.3	8.7	9.0
4H	2H	2.8	4.5	3.1	4.8	5.0	-3.0	-1.3	-2.7	-1.1	-0.8
	3H	6.7	8.1	7.0	8.4	8.8	-0.7	0.8	-0.3	1.1	1.4
	4H	8.5	9.8	8.9	10.2	10.5	1.4	2.7	1.7	3.0	3.4
	6H	10.2	11.4	10.6	11.8	12.1	4.6	5.8	5.1	6.2	6.6
	8H	11.1	12.2	11.5	12.6	13.0	6.7	7.8	7.1	8.2	8.6
	12H	11.9	13.0	12.4	13.3	13.8	8.8	9.8	9.2	10.2	10.6
8H	4H	8.6	9.7	9.1	10.1	10.5	3.0	4.1	3.4	4.5	4.9
	6H	10.6	11.5	11.0	11.9	12.3	6.0	6.9	6.5	7.4	7.8
	8H	11.6	12.4	12.1	12.9	13.3	8.2	9.0	8.6	9.4	9.8
	12H	12.7	13.4	13.2	13.9	14.3	10.4	11.1	10.9	11.6	12.0
12H	4H	8.7	9.7	9.1	10.1	10.5	3.5	4.5	3.9	4.9	5.3
	6H	10.7	11.5	11.1	11.9	12.4	6.6	7.4	7.0	7.8	8.2
	8H	11.8	12.5	12.3	12.9	13.4	8.7	9.4	9.2	9.9	10.4
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H		+ 0.2 / - 0.2					+ 0.3 / - 0.4				
2.0H		+ 0.4 / - 0.4					+ 0.4 / - 0.5				

CIE Pub.117, 387.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.3)
Area: 0.001 m2

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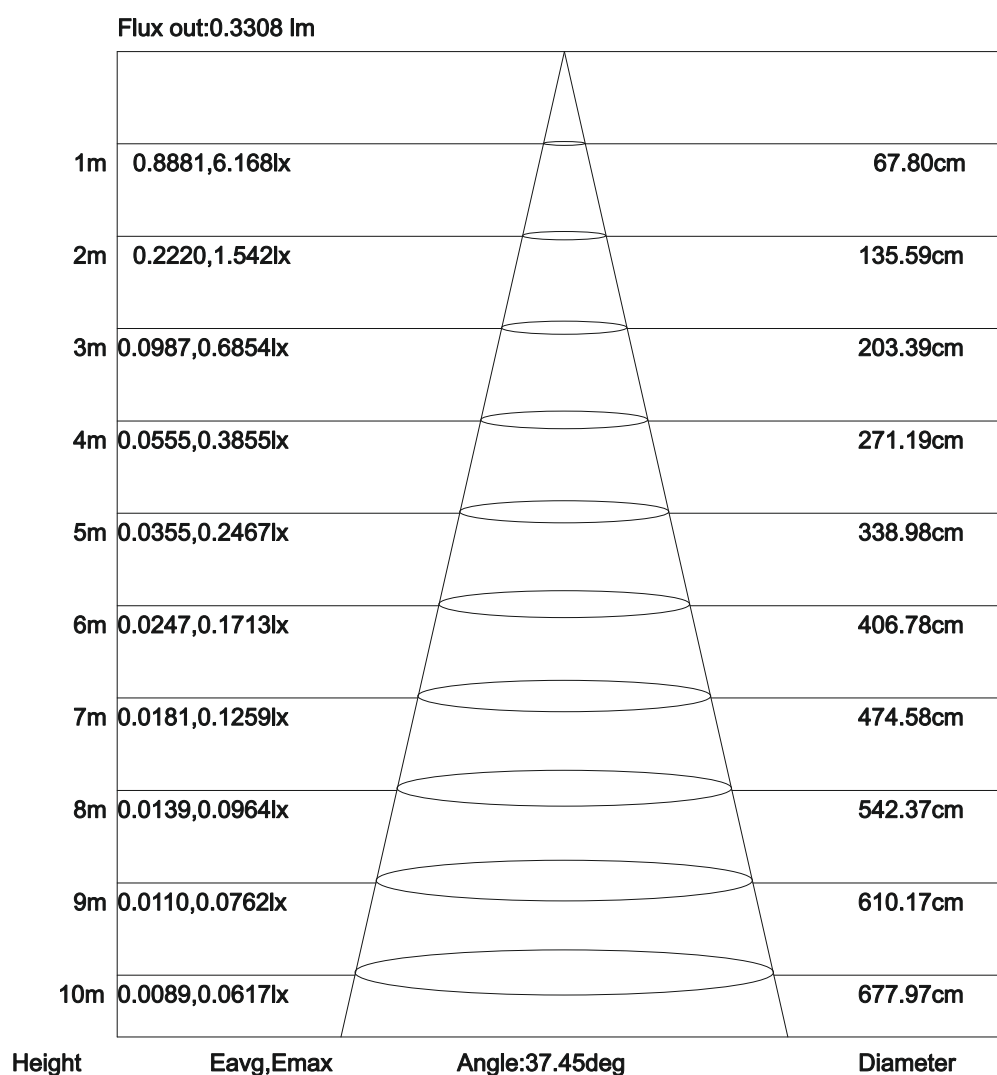
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AAI Figure

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	SUR.:	Shielding Angle:



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

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Table--1

UNIT: cd

[illegible]

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