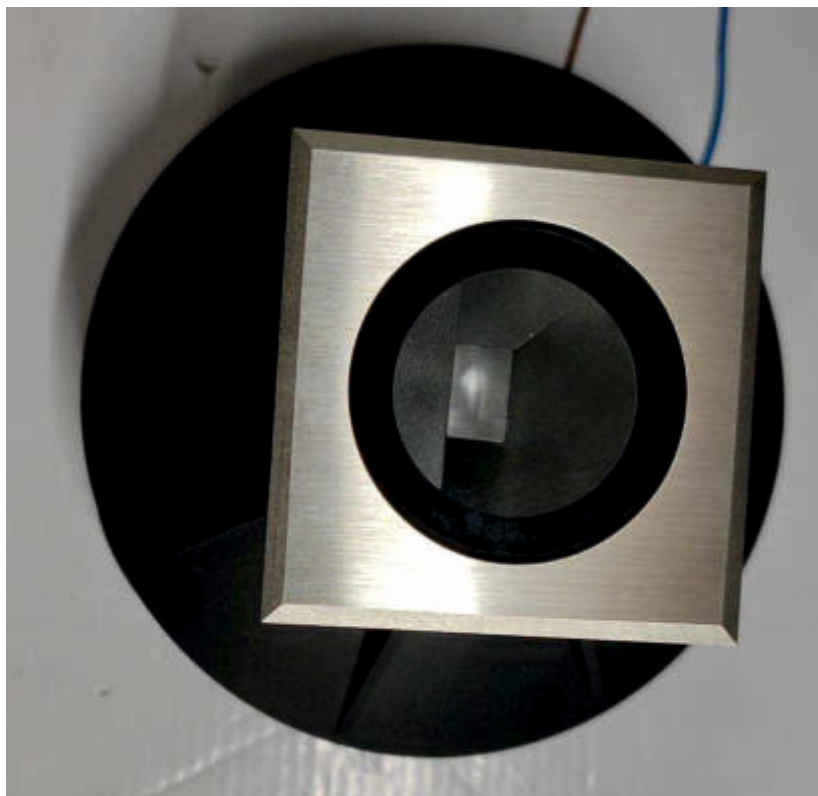




IDEA

/ADU C ASIM (16.AA66.2040.__)



Light Output Ratio:	43.9%
Luminaire Power:	5.947 W

SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.50	fine grid method.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-06-04

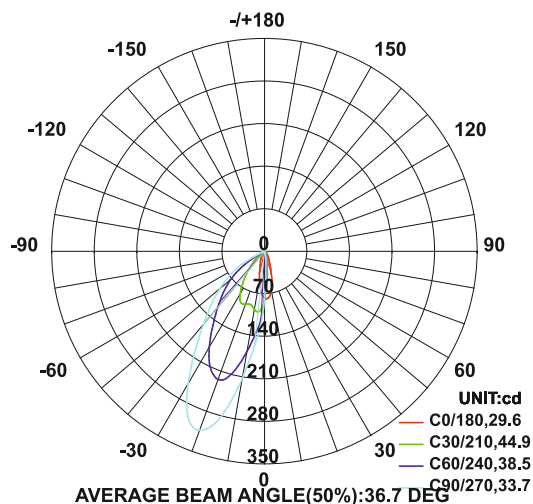
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

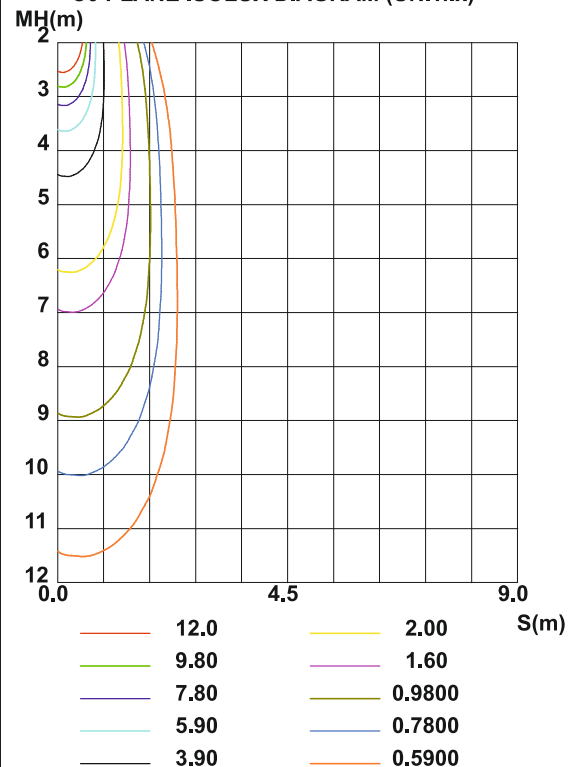
Test:U:230.12V I:0.0280A P:5.9468W PF:0.9229 Freq:49.99Hz Lamp Flux:351x1 lm		
NAME: FU-0072X	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:200637
	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 25.93 lm/W
MODEL	XHP35 HI	I _{max} (cd)	314.3	S/MH(C0/180)	0.43	
NOMINAL POWER(W)	6	LOR(%)	43.9	S/MH(C90/270)	1.83	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	154.18	η _{UP,DN} (C0-180)	0.0,2.4	
NOMINAL FLUX(lm)	351	CIE CLASS	DIRECT	η _{UP,DN} (C180-360)	0.0,41.5	
LAMPS INSIDE	1	η _{up} (%)	0.0	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	230	η _{down} (%)	43.9	CIBSE SHR MAX	0.50	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



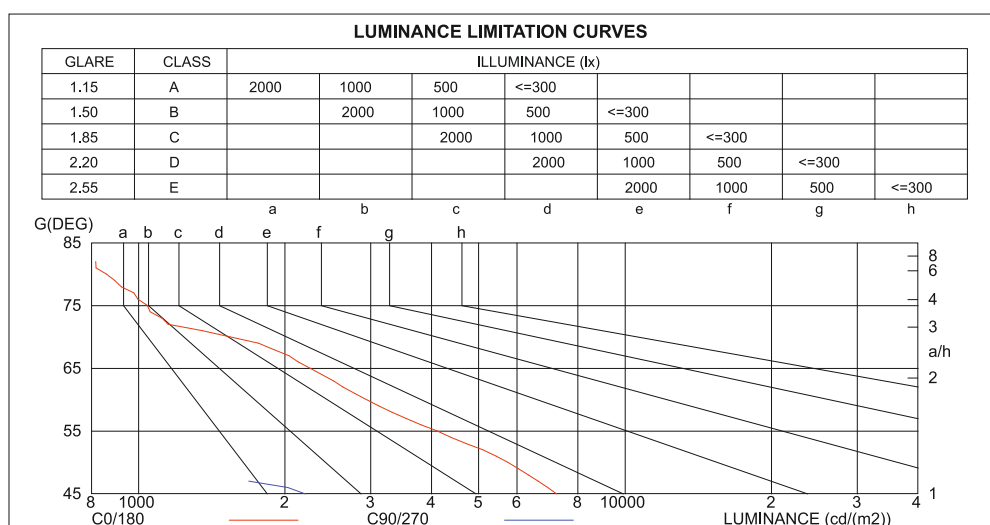
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-06-04

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:



LUMINANCE LIMITATION CURVES

Test:U:230.12V I:0.0280A P:5.9468W PF:0.9229 Freq:49.99Hz Lamp Flux:351x1 lm		
NAME: FU-0072X	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:200637
	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEC)	C0/180	C90/270
85	571	0
80	859	0
75	1042	0
70	1537	41
65	2251	184
60	2938	227
55	4108	371
50	5741	529
45	7235	2204

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-06-04

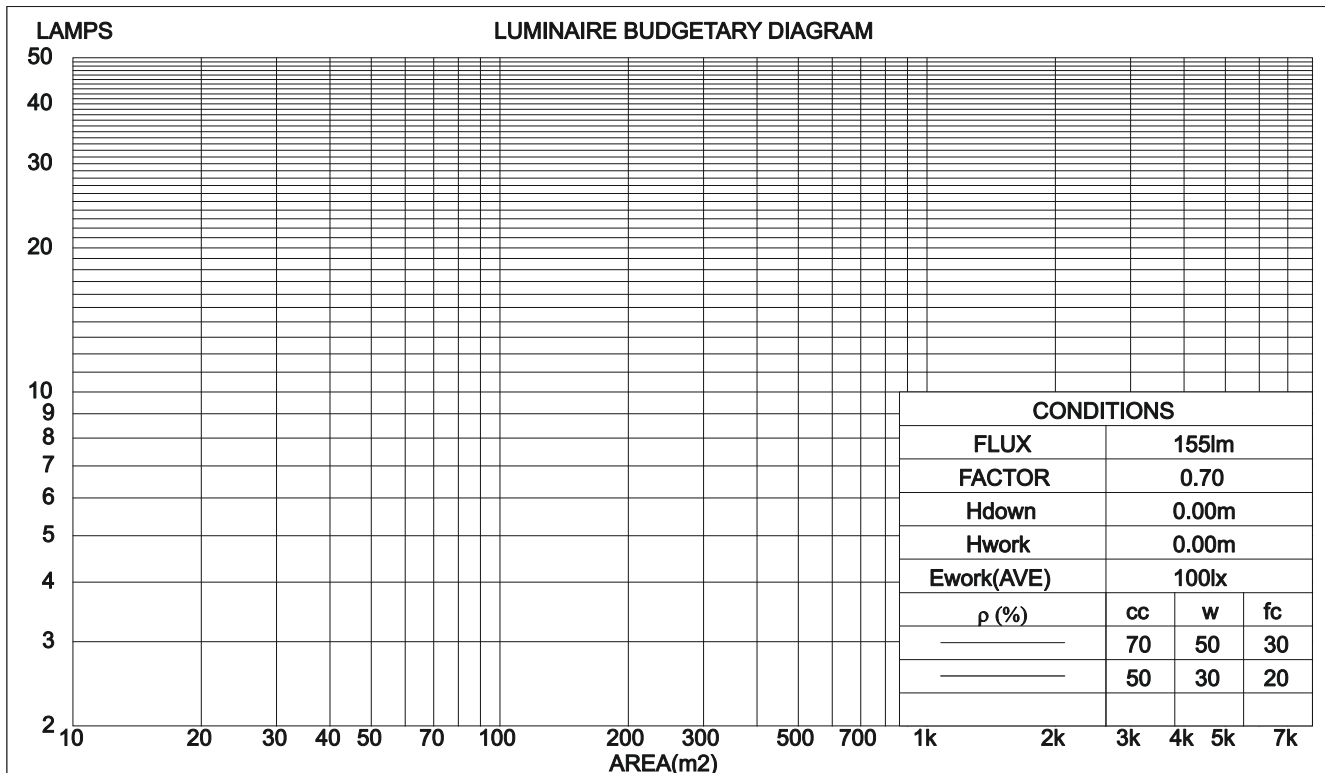
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:



CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.12V I:0.0280A P:5.9468W PF:0.9229 Freq:49.99Hz Lamp Flux:351x1 lm		
NAME: FU-0072X	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:200637
	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_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	.52	.52	.52	.51	.51	.51	.49	.49	.49	.47	.47	.47	.45	.45	.45	.44
1.0	.48	.46	.45	.47	.46	.45	.45	.44	.43	.43	.43	.42	.42	.41	.41	.40
2.0	.43	.41	.39	.43	.41	.39	.41	.39	.38	.40	.38	.37	.39	.37	.36	.36
3.0	.39	.37	.35	.39	.36	.34	.38	.35	.34	.36	.35	.33	.35	.34	.33	.32
4.0	.36	.33	.31	.35	.33	.30	.34	.32	.30	.33	.31	.30	.33	.31	.29	.29
5.0	.33	.30	.27	.32	.29	.27	.32	.29	.27	.31	.28	.27	.30	.28	.26	.26
6.0	.30	.27	.25	.30	.27	.24	.29	.26	.24	.28	.26	.24	.28	.26	.24	.23
7.0	.28	.24	.22	.27	.24	.22	.27	.24	.22	.26	.24	.22	.26	.23	.22	.21
8.0	.26	.22	.20	.25	.22	.20	.25	.22	.20	.24	.22	.20	.24	.22	.20	.19
9.0	.24	.21	.18	.23	.20	.18	.23	.20	.18	.23	.20	.18	.22	.20	.18	.18
10.0	.22	.19	.17	.22	.19	.17	.21	.19	.17	.21	.19	.17	.21	.18	.17	.16



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-06-04

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:



UGR(Unified Glare Rating) Table

Test:U:230.12V I:0.0280A P:5.9468W PF:0.9229 Freq:49.99Hz Lamp Flux:351x1 lm											
NAME: FU-0072X					TYPE:LED			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:200637			
					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	11.1	12.3	11.4	12.5	12.7	3.7	4.9	3.9	5.1	5.3
	3H	11.4	12.5	11.7	12.7	12.9	3.6	4.7	3.9	4.9	5.1
	4H	11.4	12.5	11.7	12.7	12.9	3.5	4.5	3.8	4.8	5.0
	6H	11.4	12.4	11.7	12.6	12.9	3.4	4.4	3.7	4.6	4.9
	8H	11.4	12.3	11.7	12.6	12.9	3.4	4.3	3.7	4.6	4.8
	12H	11.4	12.3	11.7	12.5	12.8	3.3	4.2	3.7	4.5	4.8
4H	2H	10.9	11.9	11.2	12.2	12.4	4.0	5.0	4.3	5.3	5.5
	3H	11.2	12.1	11.5	12.3	12.6	4.0	4.9	4.3	5.1	5.4
	4H	11.2	12.0	11.6	12.3	12.6	3.9	4.7	4.3	5.0	5.3
	6H	11.2	11.9	11.6	12.3	12.6	3.8	4.5	4.2	4.9	5.2
	8H	11.2	11.9	11.6	12.2	12.6	3.8	4.4	4.2	4.8	5.2
	12H	11.2	11.8	11.6	12.2	12.6	3.7	4.3	4.2	4.7	5.1
8H	4H	11.1	11.7	11.5	12.1	12.5	3.9	4.5	4.3	4.9	5.2
	6H	11.1	11.6	11.5	12.0	12.4	3.8	4.3	4.2	4.7	5.2
	8H	11.1	11.6	11.6	12.0	12.4	3.8	4.2	4.2	4.6	5.1
	12H	11.1	11.5	11.6	11.9	12.4	3.7	4.1	4.2	4.6	5.0
12H	4H	11.0	11.6	11.4	12.0	12.4	3.8	4.4	4.2	4.8	5.2
	6H	11.0	11.5	11.5	11.9	12.4	3.8	4.2	4.2	4.6	5.1
	8H	11.1	11.5	11.5	11.9	12.4	3.7	4.1	4.2	4.6	5.0
Variations with the observer position at spacings:											
S = 1.0H		+ 2.9 / - 1.8					+ 2.0 / - 4.4				
1.5H		+ 3.9 / - 3.8					+ 1.5 / - 4.7				
2.0H		+ 5.0 / - 6.3					+ 4.7 / - 6.8				

CIE Pub.117, 351.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.6)
Area: 0.001 m2

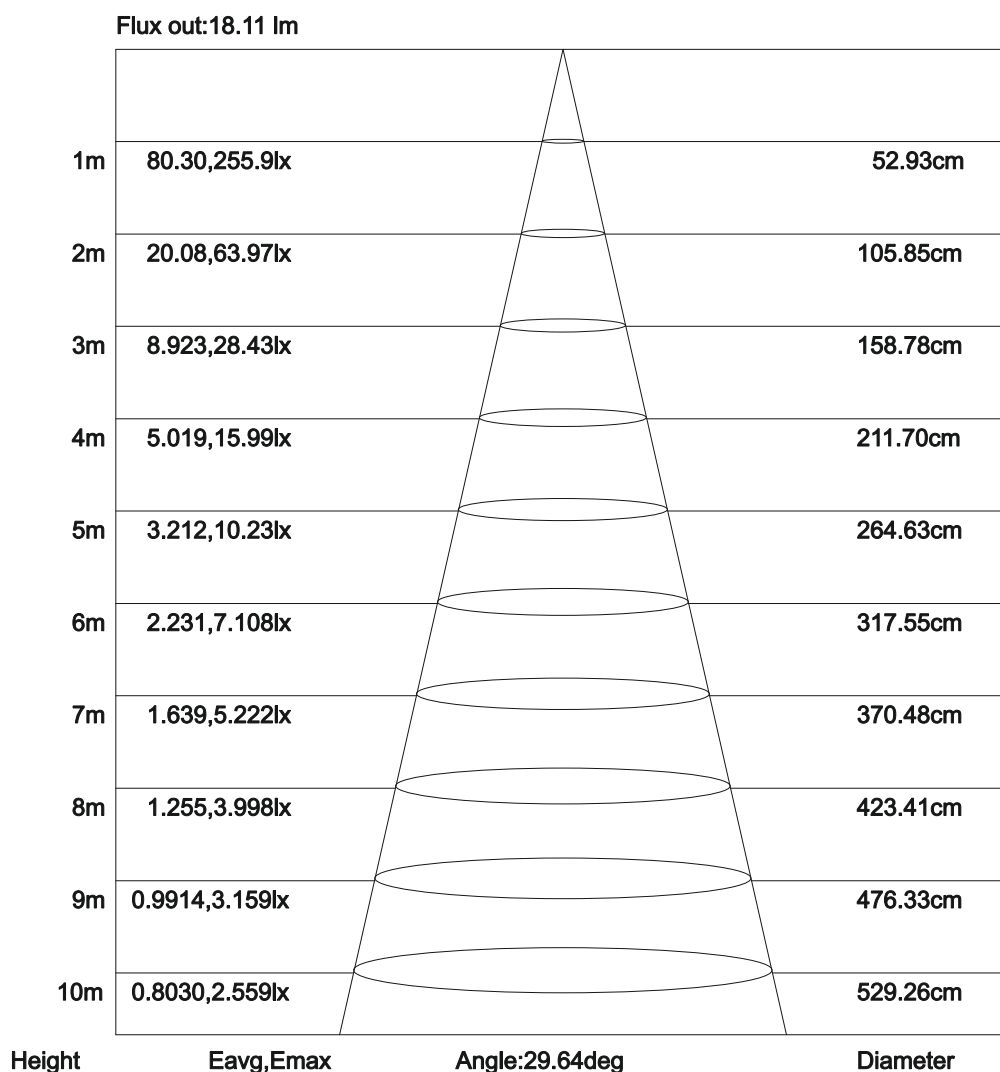
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-06-04

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:



AAI Figure

Test:U:230.12V I:0.0280A P:5.9468W PF:0.9229 Freq:49.99Hz Lamp Flux:351x1 lm		
NAME: FU-0072X	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:200637
	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:2021-06-04

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

Test:U:230.12V I:0.0280A P:5.9468W PF:0.9229 Freq:49.99Hz Lamp Flux:351x1 lm		
NAME: FU-0072X	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:200637
	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:2021-06-04

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