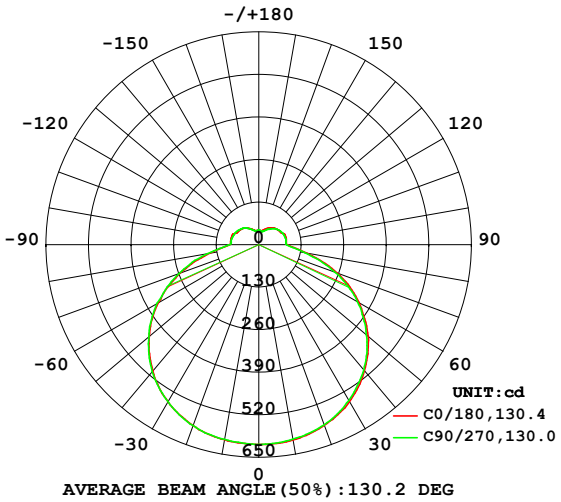
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.16V I:0.3914A P:42.930W PF:0.9122 Freq:0Hz Lamp Flux:2638.34x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-4000K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	Shielding Angle:

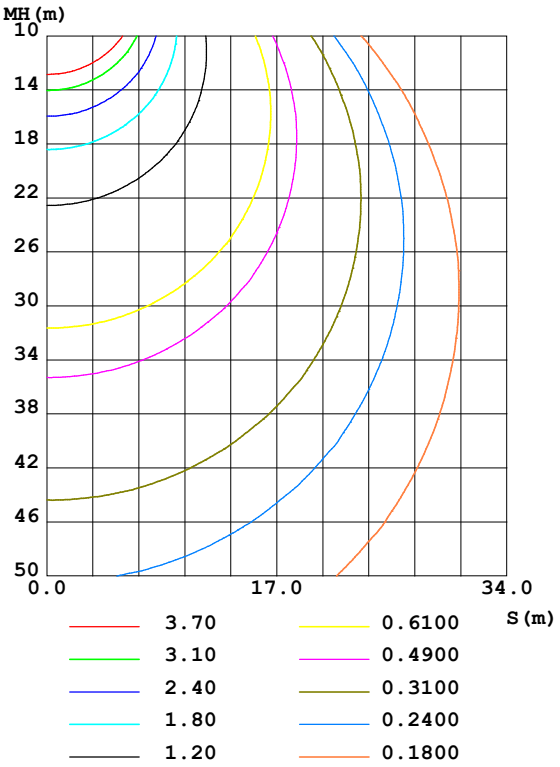
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 61.46 lm/W	
MODEL ASD-LFC-AF-20D42-AC		Imax(cd)	611.7	S/MH(C0/180)	1.35
NOMINAL POWER(W)	--	LOR(%)	100.0	S/MH(C90/270)	1.35
RATED VOLTAGE(V)	--	TOTAL FLUX(lm)	2638.3	□ UP,DN(C0-180)	8.7,41.0
NOMINAL FLUX(lm)	2638.34	CIE CLASS	SEMI-D.	□ UP,DN(C180-360)	8.7,41.6
LAMPS INSIDE	1	□ up(%)	17.4	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	--	□ down(%)	82.6	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):130.2 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:admin
Test Date:2022-03-16

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:8.780m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

□	C0	C45	C90	C135	C180	C225	C270	C315	□	□ zone	□ total	%lum,lamp
10	606.3	605.1	603.4	604.1	605.3	605.7	604.4	605.3	0- 10	58.01	58.01	2.2,2.2
20	587.2	586.2	585.7	585.8	588.0	588.5	588.6	587.6	10- 20	169.1	227.1	8.61,8.61
30	554.3	551.9	549.9	551.6	554.4	555.3	555.1	556.0	20- 30	264.2	491.3	18.6,18.6
40	502.7	500.0	498.9	499.9	503.9	505.3	506.6	504.7	30- 40	332.0	823.3	31.2,31.2
50	436.4	433.0	430.0	431.5	436.8	440.4	438.8	438.3	40- 50	363.6	1187	45,45
60	353.8	349.8	348.6	349.4	353.7	355.8	359.0	355.0	50- 60	354.2	1541	58.4,58.4
70	253.8	251.2	248.7	249.9	256.2	259.3	259.7	255.3	60- 70	302.0	1843	69.9,69.9
80	148.2	144.5	143.7	143.8	151.5	155.5	159.1	154.4	70- 80	213.0	2056	77.9,77.9
90	86.96	85.95	85.09	85.78	89.01	90.73	89.62	87.59	80- 90	122.7	2179	82.6,82.6
100	85.95	84.94	84.89	84.56	87.07	85.50	85.44	84.03	90-100	93.09	2272	86.1,86.1
110	86.30	83.53	82.95	82.41	86.50	83.08	82.86	82.31	100-110	89.66	2362	89.5,89.5
120	76.98	79.36	79.88	78.55	76.22	79.68	79.61	79.03	110-120	80.55	2442	92.6,92.6
130	73.61	69.68	73.47	69.46	72.54	71.12	73.79	70.79	120-130	67.19	2509	95.1,95.1
140	66.99	60.85	64.41	60.21	67.01	62.13	66.95	61.64	130-140	52.05	2561	97.1,97.1
150	58.49	53.89	54.20	52.38	57.41	54.62	56.27	53.77	140-150	36.77	2598	98.5,98.5
160	49.39	46.16	44.73	44.78	48.61	47.09	47.06	46.89	150-160	23.56	2622	99.4,99.4
170	43.85	44.18	42.04	43.94	43.69	45.33	43.13	43.38	160-170	12.47	2634	99.8,99.8
180	44.74	42.22	45.89	42.61	44.75	42.19	45.96	42.66	170-180	4.119	2638	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1003.7 lm

%lum = 38.0%
%lamp = 38.0%

Conical surface Flux(120deg): 1541.1 lm

%lum = 58.4%
%lamp = 58.4%

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Operators:admin
Test Date:2022-03-16

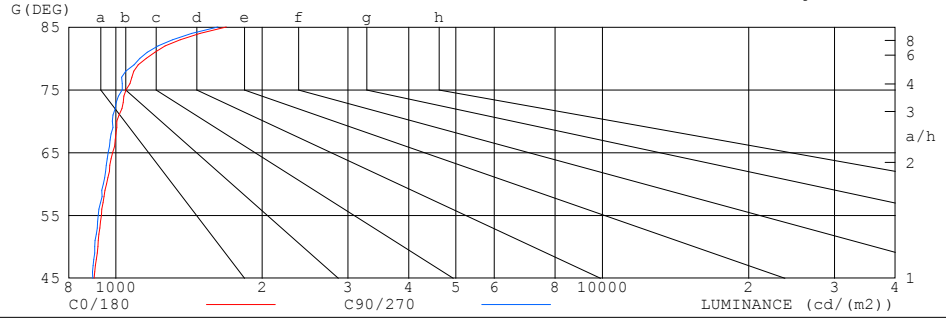
□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:8.780m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.16V I:0.3914A P:42.930W PF:0.9122 Freq:0Hz Lamp Flux:2638.34x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-4000K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	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	1687	1621
80	1155	1120
75	1050	1030
70	1004	984
65	986	965
60	958	944
55	934	921
50	919	905
45	902	897

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Humidity:65.0%
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Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.16V I:0.3914A P:42.930W PF:0.9122 Freq:0Hz Lamp Flux:2638.34x1 lm		
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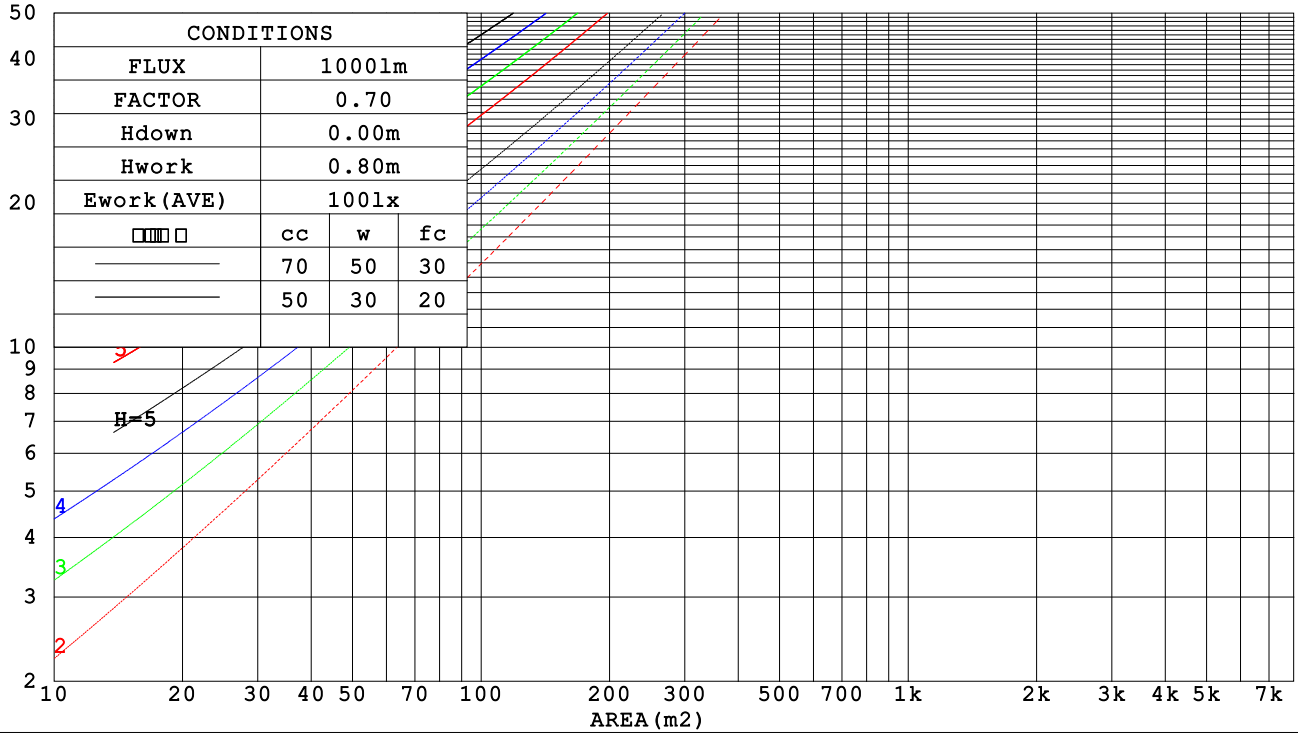
SPEC.:ASD-LFC-AF-20D42-AC-4000K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	Shielding Angle:

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	.93	.93	.93	.86	.86	.86	.83
1.0	.98	.93	.88	.94	.89	.85	.86	.83	.79	.79	.76	.74	.73	.71	.69	.65
2.0	.84	.77	.70	.81	.74	.68	.74	.69	.64	.68	.64	.60	.63	.59	.56	.53
3.0	.73	.64	.58	.70	.62	.56	.65	.58	.53	.60	.54	.50	.55	.50	.47	.44
4.0	.64	.55	.48	.62	.53	.47	.57	.50	.44	.53	.47	.42	.48	.44	.39	.37
5.0	.57	.48	.41	.55	.46	.40	.51	.43	.38	.47	.41	.36	.43	.38	.34	.31
6.0	.51	.42	.35	.49	.41	.34	.46	.38	.33	.42	.36	.31	.39	.34	.30	.27
7.0	.46	.37	.31	.44	.36	.30	.41	.34	.29	.38	.32	.27	.36	.30	.26	.24
8.0	.42	.33	.27	.40	.32	.27	.38	.31	.25	.35	.29	.24	.33	.27	.23	.21
9.0	.38	.30	.24	.37	.29	.24	.34	.28	.23	.32	.26	.22	.30	.25	.21	.19
10.0	.35	.27	.22	.34	.26	.21	.32	.25	.21	.30	.24	.20	.28	.23	.19	.17

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



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□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:8.780m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.16V I:0.3914A P:42.930W PF:0.9122 Freq:0Hz Lamp Flux:2638.34x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-4000K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	Shielding Angle:

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.349	.199	.063	.337	.192	.061	.314	.180	.057	.292	.169	.054	.272	.158	.051	
2.0	.313	.172	.053	.302	.166	.051	.281	.156	.049	.262	.147	.046	.244	.138	.043	
3.0	.283	.151	.045	.273	.146	.044	.254	.138	.042	.236	.130	.040	.220	.122	.038	
4.0	.258	.134	.039	.249	.130	.038	.231	.123	.037	.215	.116	.035	.200	.109	.033	
5.0	.236	.120	.035	.228	.117	.034	.212	.110	.032	.197	.104	.031	.184	.098	.030	
6.0	.217	.109	.031	.210	.106	.030	.195	.100	.029	.182	.095	.028	.170	.089	.027	
7.0	.201	.099	.028	.194	.097	.028	.181	.092	.026	.169	.087	.025	.157	.082	.024	
8.0	.187	.091	.026	.181	.089	.025	.169	.084	.024	.157	.080	.023	.147	.075	.022	
9.0	.175	.085	.024	.169	.082	.023	.158	.078	.022	.147	.074	.021	.138	.070	.020	
10.0	.164	.079	.022	.158	.077	.021	.148	.073	.020	.139	.069	.020	.129	.065	.019	

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.323	.323	.323	.276	.276	.276	.189	.189	.189	.108	.108	.108	.035	.035	.035	
1.0	.317	.290	.265	.271	.249	.228	.185	.171	.158	.107	.099	.092	.034	.032	.030	
2.0	.310	.266	.230	.265	.229	.199	.182	.159	.139	.105	.092	.081	.034	.030	.026	
3.0	.302	.250	.208	.259	.215	.180	.178	.150	.126	.103	.087	.074	.033	.028	.024	
4.0	.295	.237	.193	.253	.205	.168	.174	.143	.118	.101	.084	.070	.032	.027	.023	
5.0	.288	.227	.183	.247	.197	.159	.170	.137	.112	.099	.081	.067	.032	.026	.022	
6.0	.280	.219	.175	.241	.190	.153	.166	.133	.108	.096	.078	.064	.031	.026	.021	
7.0	.274	.213	.170	.235	.184	.148	.163	.129	.105	.094	.076	.063	.031	.025	.021	
8.0	.267	.207	.166	.230	.180	.145	.159	.126	.103	.093	.074	.061	.030	.024	.020	
9.0	.261	.202	.163	.225	.176	.142	.156	.123	.101	.091	.073	.060	.029	.024	.020	
10.0	.255	.198	.160	.220	.172	.140	.153	.121	.099	.089	.072	.059	.029	.024	.020	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:admin
Test Date:2022-03-16

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:8.780m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.16V I:0.3914A P:42.930W PF:0.9122 Freq:0Hz Lamp Flux:2638.34x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-4000K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	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	11.7	13.1	12.2	13.6	14.1	11.7	13.0	12.2	13.5	14.0
	3H	13.7	14.9	14.2	15.4	16.0	13.6	14.8	14.1	15.3	15.9
	4H	14.5	15.7	15.1	16.3	16.9	14.4	15.6	15.0	16.2	16.8
	6H	15.4	16.5	15.9	17.0	17.7	15.2	16.3	15.8	16.9	17.5
	8H	15.7	16.8	16.3	17.4	18.0	15.6	16.7	16.2	17.2	17.9
	12H	16.2	17.2	16.8	17.8	18.4	16.0	17.0	16.6	17.6	18.3
4H	2H	12.4	13.6	12.9	14.1	14.7	12.3	13.5	12.9	14.1	14.7
	3H	14.5	15.5	15.1	16.1	16.8	14.4	15.5	15.0	16.0	16.7
	4H	15.5	16.5	16.1	17.1	17.8	15.4	16.4	16.0	17.0	17.7
	6H	16.5	17.3	17.1	18.0	18.7	16.4	17.2	17.0	17.8	18.6
	8H	17.0	17.7	17.6	18.4	19.1	16.8	17.6	17.5	18.3	19.0
	12H	17.5	18.2	18.2	18.9	19.6	17.3	18.1	18.0	18.7	19.5
8H	4H	15.9	16.7	16.5	17.3	18.0	15.8	16.6	16.4	17.2	18.0
	6H	17.1	17.7	17.7	18.4	19.2	17.0	17.6	17.6	18.3	19.1
	8H	17.7	18.3	18.4	19.0	19.8	17.6	18.1	18.3	18.8	19.6
	12H	18.4	18.9	19.1	19.6	20.5	18.3	18.8	19.0	19.5	20.3
12H	4H	15.9	16.6	16.6	17.3	18.1	15.8	16.6	16.5	17.2	18.0
	6H	17.2	17.8	17.9	18.5	19.3	17.1	17.7	17.8	18.4	19.2
	8H	17.9	18.4	18.6	19.1	19.9	17.8	18.3	18.5	19.0	19.8

Variations with the observer position at spacings:		
S = 1.0H	+ 0.1 / - 0.1	+ 0.1 / - 0.1
1.5H	+ 0.2 / - 0.3	+ 0.2 / - 0.3
2.0H	+ 0.2 / - 0.4	+ 0.2 / - 0.4

CIE Pub.117, 2638 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.4)
Area: 0.7389 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
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Temperature:25.3DEG
Operators:admin
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□ Range: 0 - 180DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:8.780m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

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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	49	37	30	48	37	30	46	36	29	22
0.80	59	46	38	57	45	38	54	44	37	29
1.00	67	54	46	65	53	46	61	54	44	36
1.25	74	62	54	71	60	53	67	58	51	41
1.50	79	68	59	76	66	58	71	63	56	46
2.00	86	76	68	83	74	67	77	70	64	52
2.50	91	81	74	87	79	72	81	74	69	56
3.00	94	86	79	91	83	77	84	78	73	60
4.00	99	92	86	95	89	83	88	83	78	64
5.00	102	96	90	98	92	87	90	86	82	67
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

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Remarks:

ISOCANDELA DIAGRAM

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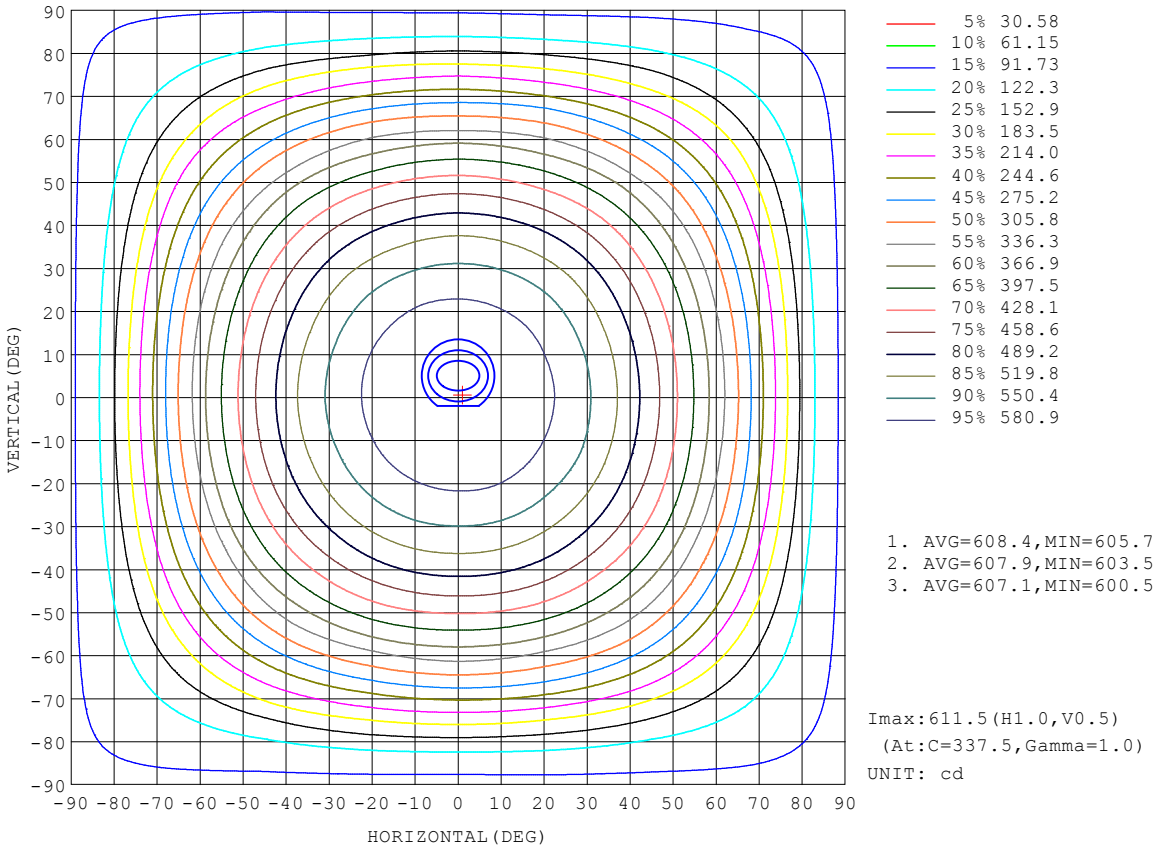

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AAI Figure

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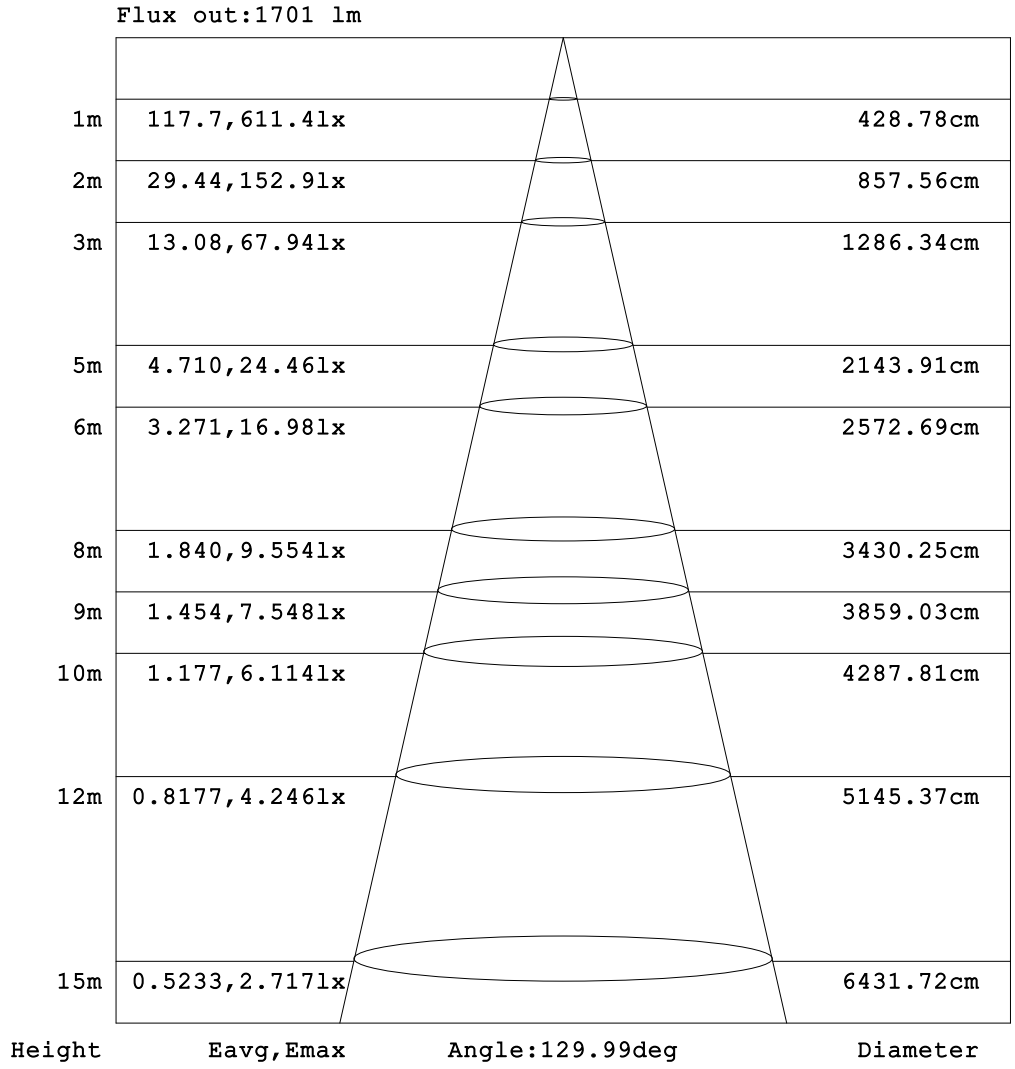
SPEC.:ASD-LFC-AF-20D42-AC-4000K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	Shielding Angle:



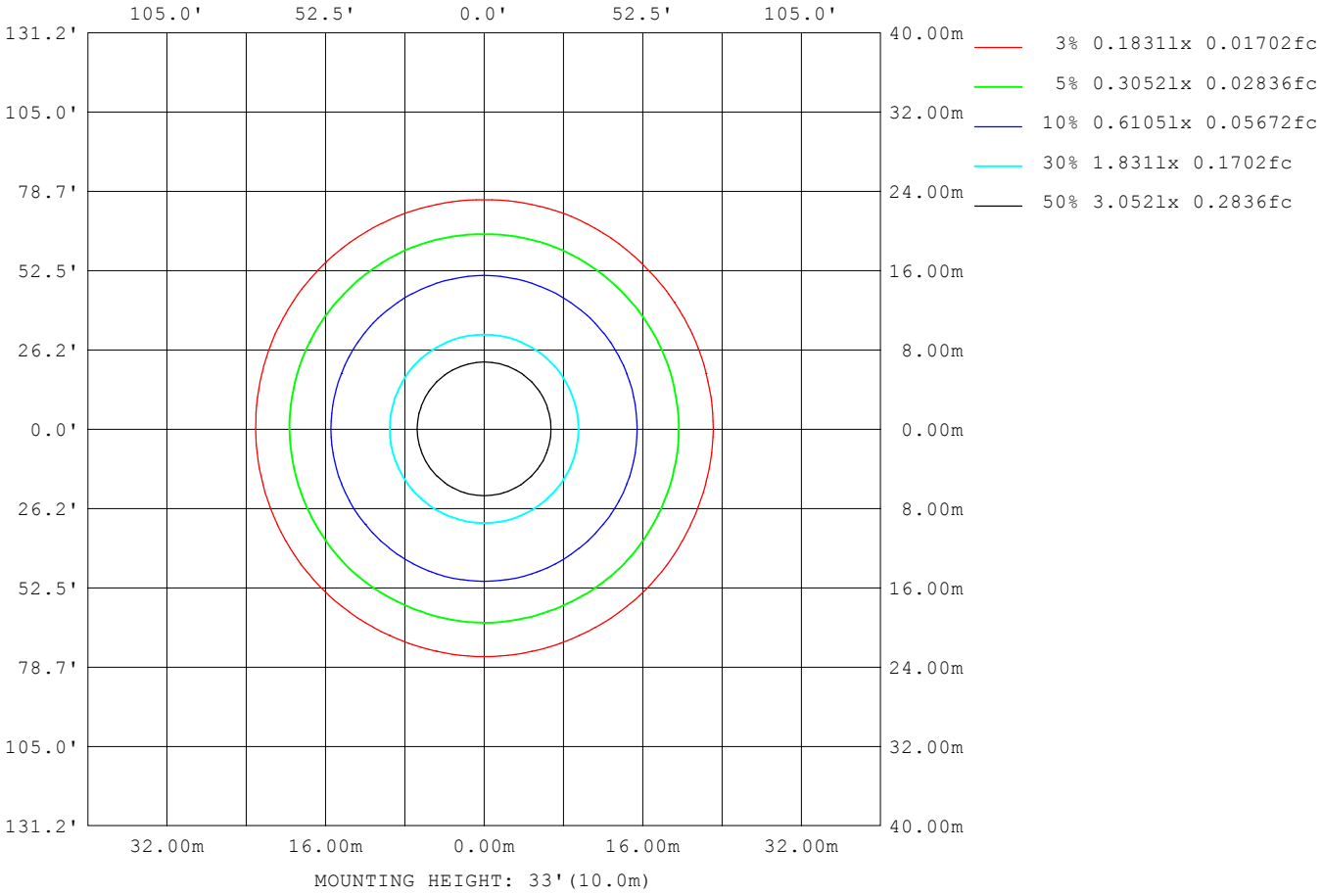
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:admin
Test Date:2022-03-16

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:8.780m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.16V I:0.3914A P:42.930W PF:0.9122 Freq:0Hz Lamp Flux:2638.34x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-4000K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:admin
Test Date:2022-03-16

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:8.780m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.16V I:0.3914A P:42.930W PF:0.9122 Freq:0Hz Lamp Flux:2638.34x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-4000K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	Shielding Angle:

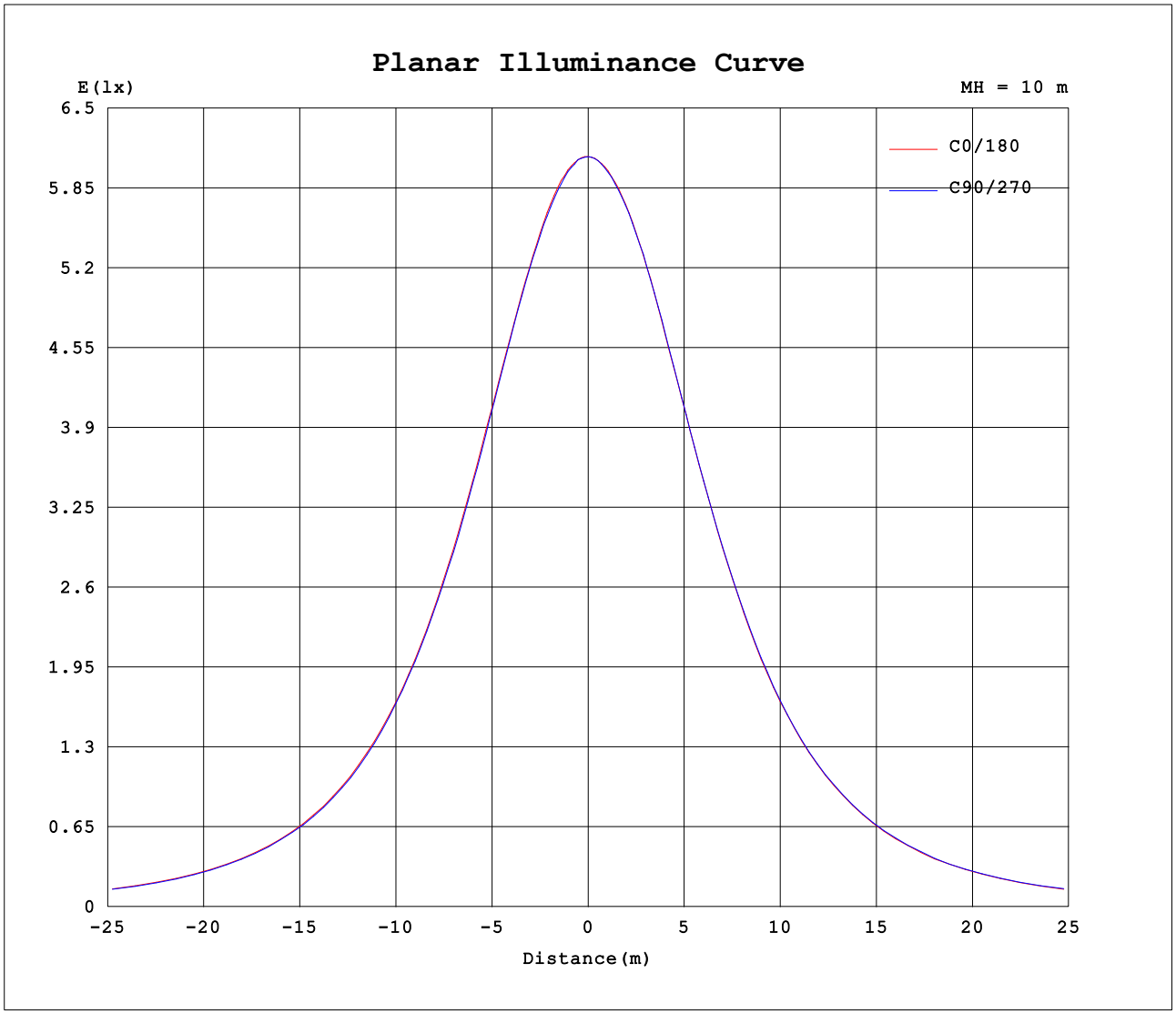
AvgL	cd/m2
L_0~180(65)av	984
L_0~180(75)av	1057
L_0~180(85)av	1708
L_90~270(65)av	979
L_90~270(75)av	1067
L_90~270(85)av	1696
L_45(65)av	979
L_45(75)av	1051
L_45(85)av	1700

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:admin
Test Date:2022-03-16

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:8.780m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:admin
Test Date:2022-03-16

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:8.780m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.16V I:0.3914A P:42.930W PF:0.9122 Freq:0Hz Lamp Flux:2638.34x1 lm		
NAME: ADS lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-LFC-AF-20D42-AC-4000K	DIM.:	SERIAL No.:
MFR.: ADS lighting Corp	SUR.:0.485*0.485	Shielding Angle:

Table--1 UNIT: cd

C(DEG) / □ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5
0	610	610	610	611	610	610	610	611	610	610	610	611	610	610	610	611
5	610	609	609	609	609	609	608	609	609	609	609	609	608	609	609	609
10	606	606	605	605	603	604	604	605	605	606	606	605	604	606	605	605
15	598	598	598	598	596	598	597	598	599	599	599	598	599	598	598	597
20	587	587	586	587	586	586	586	587	588	588	588	588	589	588	588	587
25	573	572	571	572	570	570	571	572	574	573	574	574	574	574	574	573
30	554	554	552	551	550	551	552	552	554	554	555	555	555	556	556	554
35	531	531	529	528	526	528	528	529	532	532	532	532	533	532	533	531
40	503	502	500	500	499	500	500	501	504	505	505	505	507	505	505	502
45	471	470	468	468	468	468	467	470	472	472	475	475	475	474	473	471
50	436	436	433	432	430	431	431	435	437	437	440	439	439	438	438	437
55	396	396	392	392	390	391	392	395	398	398	400	398	400	399	399	397
60	354	351	350	348	349	347	349	351	354	356	356	357	359	356	355	354
65	308	303	304	299	301	299	302	303	307	309	310	314	310	310	307	307
70	254	253	251	249	249	246	250	251	256	259	259	261	260	260	255	257
75	201	199	197	193	197	195	196	199	203	207	207	208	211	206	204	203
80	148	148	144	144	144	145	144	148	152	153	156	155	159	156	154	149
85	109	108	106	106	104	105	106	109	111	113	115	114	114	112	111	108
90	87.0	86.7	86.0	85.8	85.1	85.4	85.8	87.6	89.0	89.9	90.7	89.9	89.6	88.2	87.6	86.3
95	85.0	84.9	84.8	84.6	84.3	84.2	84.6	85.8	86.6	87.1	86.3	85.9	85.3	84.5	84.2	84.0
100	86.0	85.5	84.9	85.0	84.9	84.5	84.6	86.1	87.1	87.3	85.5	85.6	85.4	84.6	84.0	84.6
105	86.4	85.6	84.6	84.4	84.1	83.8	83.9	85.9	86.9	86.9	84.2	84.7	84.3	83.8	83.4	84.6
110	86.3	84.5	83.5	83.6	82.9	82.7	82.4	84.3	86.5	85.4	83.1	83.3	82.9	82.6	82.3	83.8
115	82.1	80.3	81.9	81.9	81.9	81.2	80.6	79.9	81.8	81.1	81.5	81.4	81.7	80.9	81.1	80.4
120	77.0	75.9	79.4	79.4	79.9	78.6	78.5	75.3	76.2	76.6	79.7	78.8	79.6	78.6	79.0	76.0
125	75.7	72.5	75.5	76.1	77.0	74.7	75.0	71.8	74.6	72.9	76.7	75.7	76.8	75.6	76.1	72.2
130	73.6	69.8	69.7	72.3	73.5	70.3	69.5	68.9	72.5	69.7	71.1	72.4	73.8	72.3	70.8	68.9
135	70.5	66.6	64.3	67.3	69.8	65.2	64.6	65.5	70.2	66.2	66.0	68.3	70.9	68.4	65.9	65.6
140	67.0	61.4	60.9	60.2	64.4	58.0	60.2	62.0	67.0	62.5	62.1	61.7	66.9	62.8	61.6	62.1
145	63.2	58.5	57.4	54.7	58.4	54.1	55.7	58.8	62.2	58.6	58.0	55.7	61.9	56.9	58.0	59.1
150	58.5	55.5	53.9	52.4	54.2	51.2	52.4	54.9	57.4	55.2	54.6	53.0	56.3	53.8	53.8	55.8
155	53.9	51.7	50.0	48.6	49.1	47.6	48.6	51.2	52.8	51.6	50.7	50.2	51.4	50.1	50.4	52.4
160	49.4	48.4	46.2	44.3	44.7	45.1	44.8	46.7	48.6	46.6	47.1	47.7	47.1	46.0	46.9	48.6
165	45.0	44.7	42.5	40.9	41.9	41.6	41.6	43.0	44.9	42.9	43.4	44.6	44.0	41.6	42.7	44.2
170	43.8	45.6	44.2	40.5	42.0	43.3	43.9	42.4	43.7	42.6	45.3	45.1	43.1	41.6	43.4	44.2
175	42.3	44.2	41.4	41.1	44.0	44.2	41.5	41.8	44.0	41.6	42.0	44.9	44.5	41.8	42.0	44.2
180	44.7	42.5	42.2	43.3	45.9	43.3	42.6	42.8	44.8	42.5	42.2	43.3	46.0	43.4	42.7	42.9

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