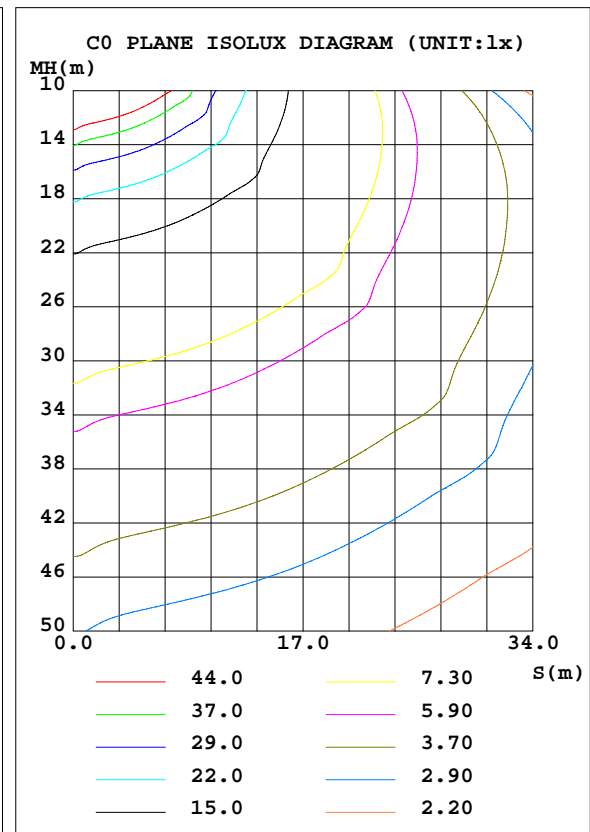
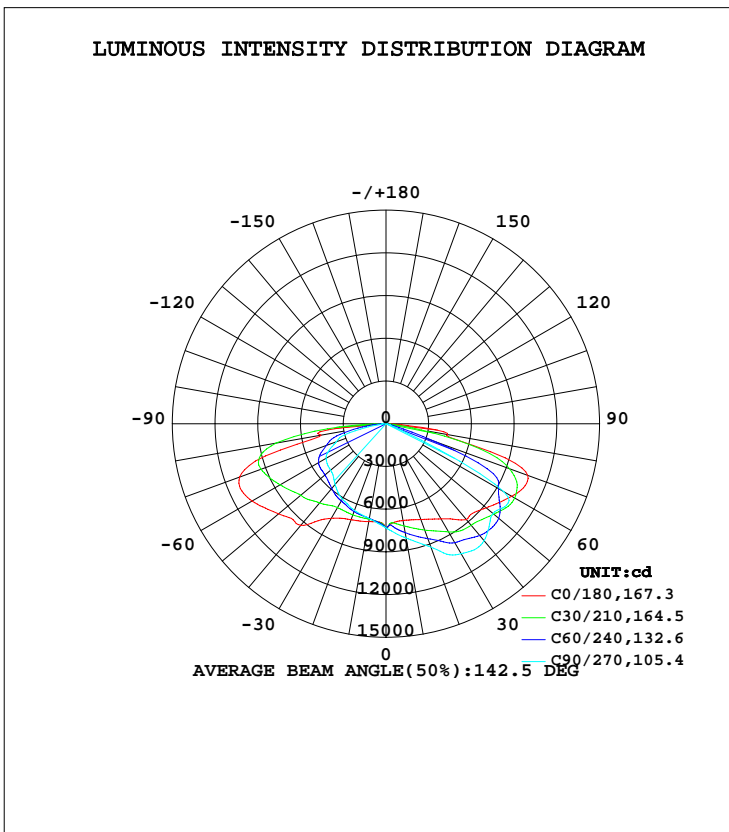


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:277.00V I:1.0953A P:299.81W PF:0.9882 Freq:60.00Hz Lamp Flux:40200x1 lm		
NAME: ASD Lighting Corp	TYPE: LED	WEIGHT:
SPEC.: ASD-LSB2HV-300D50B-PRM	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.87 lm/W			
MODEL	ASD-LSB2HV-300D50B-PRM	I <sub>max</sub> (cd)	11628	S/MH(C0/180)	1.87
NOMINAL POWER(W)	300	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	277-480	TOTAL FLUX(lm)	40200	η UP, DN(C0-180)	0.0,51.9
NOMINAL FLUX(lm)	40200	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.6,47.5
LAMPS INSIDE	1	η up(%)	0.6	CIBSE SHR NOM	1.75
TEST VOLTAGE(V)	277	η down(%)	99.4	CIBSE SHR MAX	1.75



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.2DEG  
 Operators: Alan Wang  
 Test Date: 18 July 2021

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.442T2  
 Humidity: 52.1%  
 Test Distance: 2.500m [K=1.0469]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	690.3	752.7	815.0	772.6	697.8	677.3	676.5	681.3	0- 10	683.2	683.2	1.7,1.7
20	716.1	826.7	921.5	846.9	717.6	667.7	648.2	661.2	10- 20	2086	2770	6.9,6.9
30	771.6	910.2	1054	939.9	767.1	650.0	611.5	651.6	20- 30	3601	6371	15.9,15.9
40	879.0	958.6	1072	1001	930.4	643.6	556.1	650.6	30- 40	5151	11522	28.7,28.7
50	918.5	1017	981.4	1062	985.2	642.4	507.6	642.0	40- 50	6521	18043	45,45
60	1019	988.9	957.4	988.1	1086	647.0	486.3	635.9	50- 60	7695	25739	64.1,64.1
70	1059	813.9	41.57	567.5	1093	625.8	371.5	646.6	60- 70	7518	33257	82.9,82.9
80	438.8	54.46	9.702	18.51	463.5	393.4	124.5	522.8	70- 80	4808	38065	94.8,94.8
90	10.99	0.4220	0.1626	0.3433	27.36	33.13	14.53	125.0	80- 90	1823	39888	99.4,99.4
100	0.5508	0.3842	0.2544	0.4470	0.9259	0.7809	0.4344	2.324	90-100	206.9	40095	99.9,99.9
110	0.6859	0.4516	0.3323	0.5662	0.9167	0.8320	0.7279	0.8552	100-110	7.544	40102	99.9,99.9
120	0.8001	0.5772	0.4506	0.6373	0.8854	0.8572	0.8096	0.8503	110-120	7.091	40109	99.9,99.9
130	0.8512	0.6215	0.5580	0.6618	0.9544	0.9638	0.9443	0.9370	120-130	6.961	40116	100,100
140	0.7765	0.6190	0.6290	0.6512	0.9290	1.081	1.097	1.127	130-140	6.516	40123	100,100
150	0.6815	0.6751	0.7370	0.7364	0.9417	1.072	1.122	1.082	140-150	5.473	40128	100,100
160	0.7227	0.7946	0.8763	0.8639	1.001	1.108	1.151	1.093	150-160	4.218	40132	100,100
170	0.8271	0.9398	0.9766	0.9665	0.9845	1.063	1.164	1.143	160-170	2.784	40135	100,100
180	1.036	1.036	1.036	1.036	1.065	1.065	1.065	1.065	170-180	0.9746	40136	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 14629 lm

%lum = 36.4%

%lamp = 36.4%

Conical surface Flux(120deg): 25739 lm

%lum = 64.1%

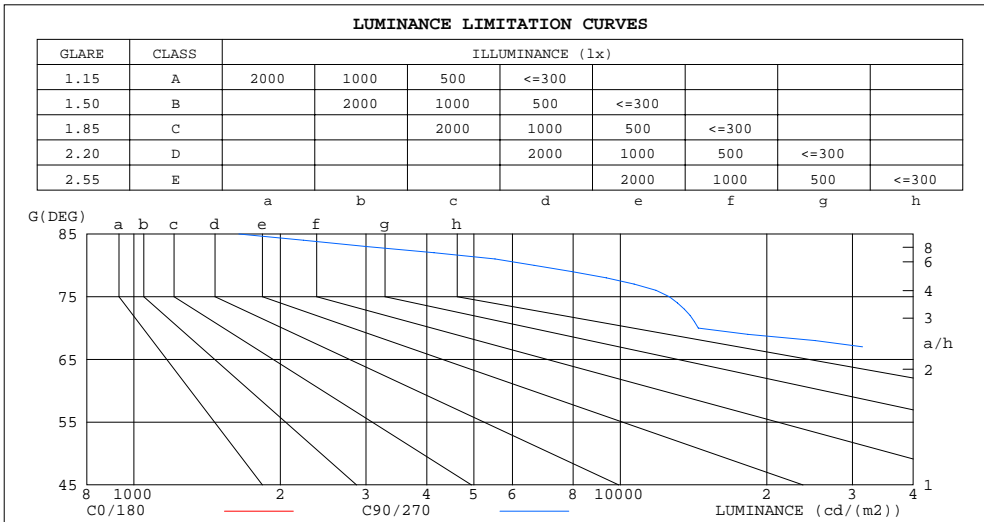
%lamp = 64.1%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.2DEG  
 Operators: Alan Wang  
 Test Date: 18 July 2021

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.442T2  
 Humidity: 52.1%  
 Test Distance: 2.500m [K=1.0469]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:277.00V I:1.0953A P:299.81W PF:0.9882 Freq:60.00Hz Lamp Flux:40200x1 lm		
NAME: ASD Lighting Corp	TYPE: LED	WEIGHT:
SPEC.: ASD-LSB2HV-300D50 [B,W]-PRM	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	213073	1644
80	300839	6652
75	349972	12608
70	368581	14468
65	299986	77613
60	242601	227962
55	200638	211073
50	170107	181767
45	148070	172339

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.2DEG  
 Operators: Alan Wang  
 Test Date: 18 July 2021

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.442T2  
 Humidity: 52.1%  
 Test Distance: 2.500m [K=1.0469]  
 Remarks:











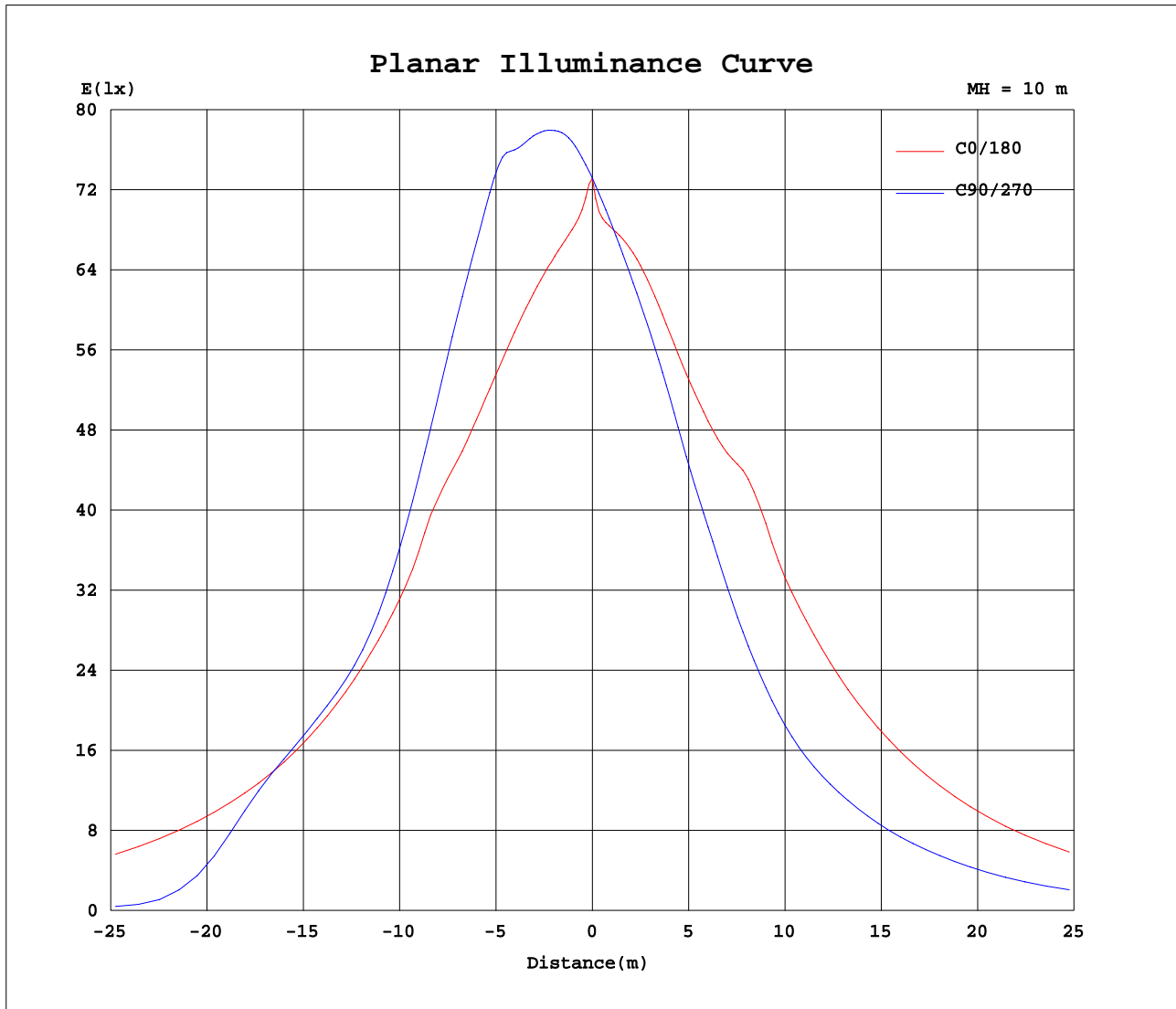








Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.2DEG  
 Operators: Alan Wang  
 Test Date: 18 July 2021

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.442T2  
 Humidity: 52.1%  
 Test Distance: 2.500m [K=1.0469]  
 Remarks:



