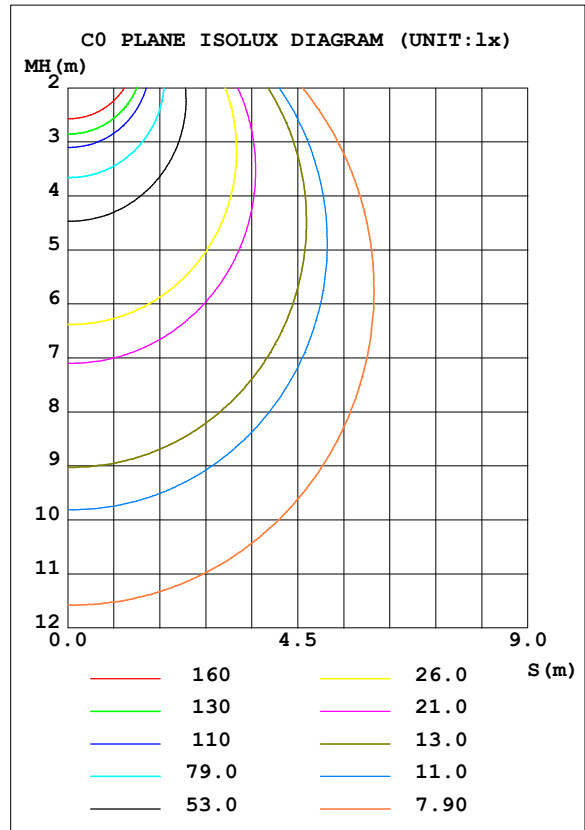
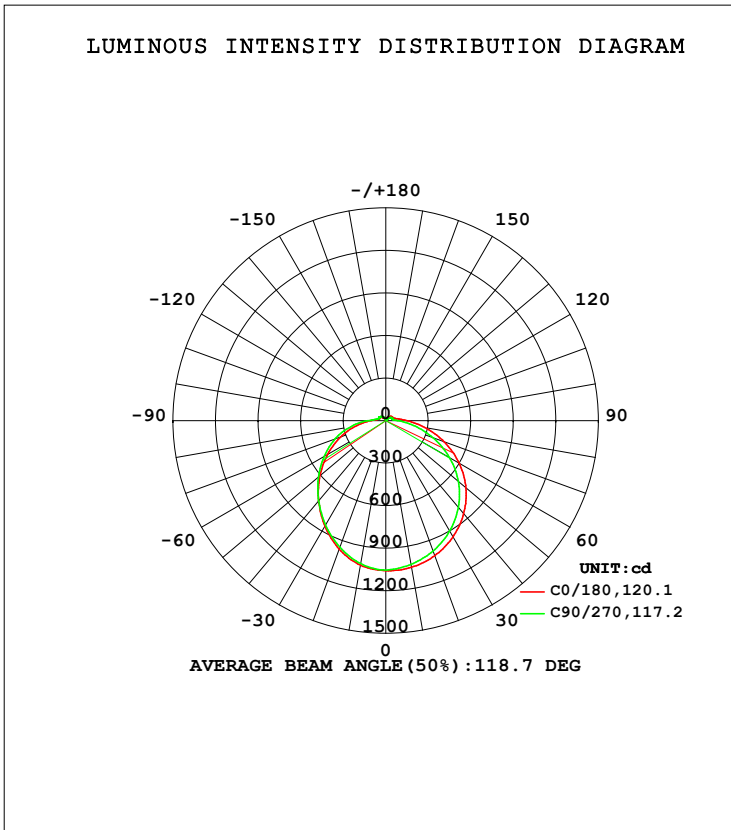


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.86V I:0.5141A P:56.215W PF:0.9122 Freq:59.98Hz
NAME:ASD-FMOV-32D50
SPEC.:5000K
MFR.: ASD Lighting Corp

DATA OF LAMP		PHOTOMETRIC DATA Eff: 64.30 lm/W			
MODEL	ASD-FMOV-32D50	I _{max} (cd)	1059	S/MH (C0/180)	1.21
NOMINAL POWER (W)	55	LOR (%)	103.3	S/MH (C90/270)	1.21
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	3614.4	η UP, DN (C0-180)	3.7, 48.5
NOMINAL FLUX (lm)	4195	CIE CLASS	DIRECT	η UP, DN (C180-360)	4.5, 46.7
LAMPS INSIDE	1	η up (%)	8.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	95.1	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LiFeng Shao
 Test Date: 2023-10-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity: 65.0%
 Test Distance: 8.898m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

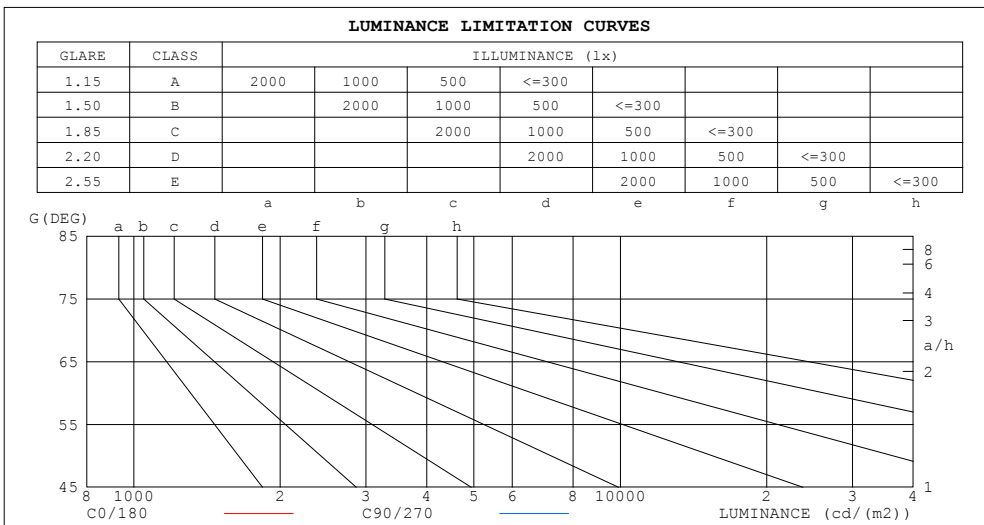
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1050	1029	1029	1028	1035	1024	1023	1023	0- 10	99.33	99.33	2.75,2.84
20	1014	976.5	977.4	975.6	963.0	950.0	949.4	948.9	10- 20	282.6	381.9	10.6,10.9
30	947.7	900.8	900.3	897.0	858.2	849.2	849.9	849.6	20- 30	426.8	808.8	22.4,23.1
40	856.2	797.5	797.8	793.4	737.1	737.0	737.9	738.3	30- 40	517.9	1327	36.7,37.9
50	738.6	669.1	669.0	664.1	606.9	619.1	619.8	621.1	40- 50	549.3	1876	51.9,53.6
60	596.5	518.5	518.0	513.7	473.4	500.4	500.9	503.3	50- 60	520.7	2397	66.3,68.5
70	438.3	354.4	354.5	350.6	339.0	381.7	382.0	384.8	60- 70	438.4	2835	78.4,81
80	278.0	197.9	197.9	194.8	209.6	251.1	251.7	256.2	70- 80	315.2	3150	87.2,90
90	149.9	88.62	88.93	88.24	108.6	126.2	126.9	130.7	80- 90	179.4	3330	92.1,95.1
100	82.39	50.87	51.12	51.39	58.62	65.72	66.09	67.96	90-100	87.53	3417	94.5,97.6
110	54.68	47.62	47.97	48.73	52.99	54.72	54.97	55.62	100-110	56.78	3474	96.1,99.3
120	49.55	44.58	44.56	44.67	48.56	54.86	55.18	56.21	110-120	50.41	3524	97.5,101
130	46.76	32.36	32.46	32.44	38.71	45.51	45.89	46.99	120-130	40.33	3565	98.6,102
140	35.25	21.23	21.20	20.97	26.10	34.80	35.15	36.23	130-140	26.45	3591	99.4,103
150	22.87	11.80	11.71	11.52	13.82	21.62	21.99	23.13	140-150	14.37	3606	99.8,103
160	11.75	7.335	7.335	7.307	8.103	9.913	10.01	10.50	150-160	5.934	3611	99.9,103
170	7.419	7.249	7.202	7.208	7.280	7.417	7.439	7.520	160-170	2.232	3614	100,103
180	7.337	7.510	7.526	7.564	7.326	7.510	7.521	7.559	170-180	0.7050	3614	100,103
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LiFeng Shao
 Test Date:2023-10-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:8.898m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.86V I:0.5141A P:56.215W PF:0.9122 Freq:59.98Hz Lamp Flux:3500x1 lm
NAME:ASD-FMOV-32D50
SPEC.:5000K
MFR.: ASD Lighting Corp



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	297649	189507
80	200101	142485
75	172741	132450
70	160195	129558
65	153661	129270
60	149122	129511
55	146134	129870
50	143630	130094
45	141459	130168

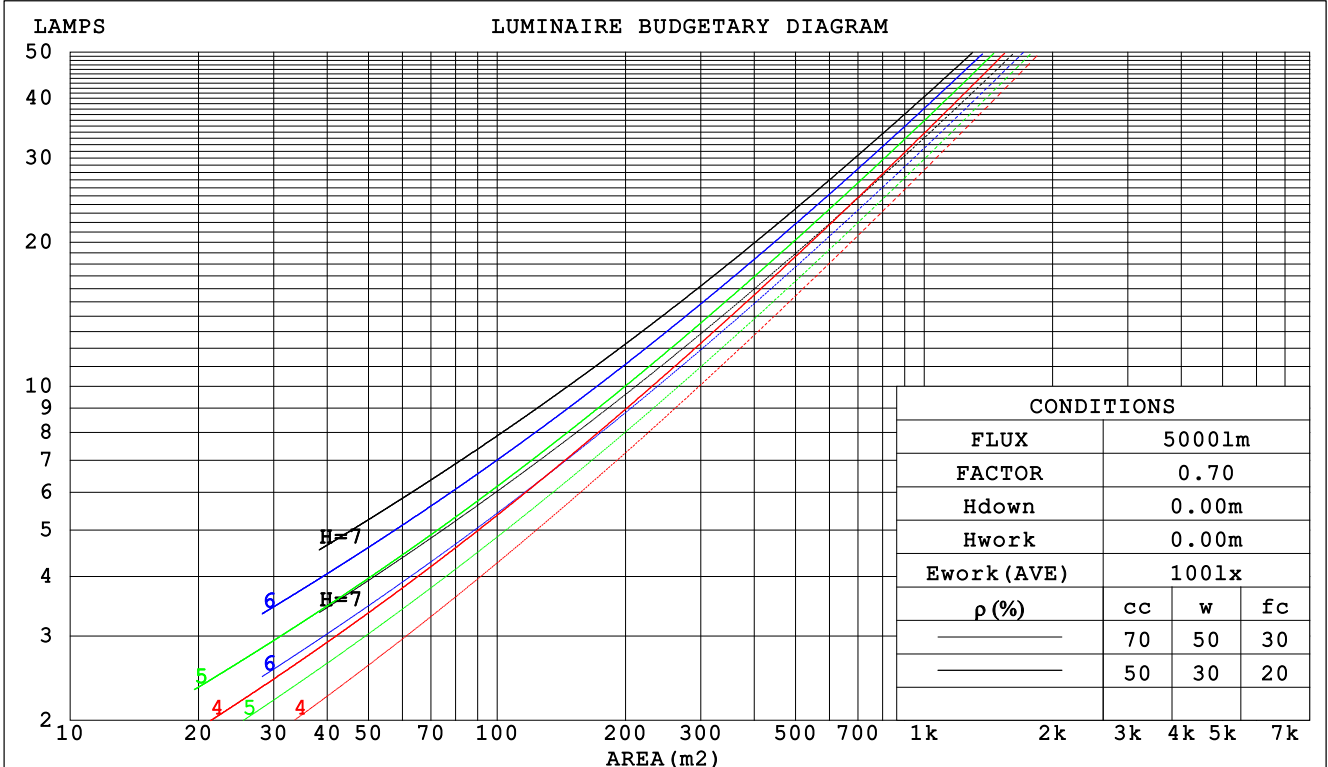
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LiFeng Shao
 Test Date:2023-10-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:8.898m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.86V I:0.5141A P:56.215W PF:0.9122 Freq:59.98Hz Lamp Flux:3500x1 lm
NAME:ASD-FMOV-32D50
SPEC.:5000K
MFR.: ASD Lighting Corp

ρcc	80%			70%			50%			30%			10%			0
	ρw	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.21	1.21	1.21	1.17	1.17	1.17	1.10	1.10	1.10	1.04	1.04	1.04	.98	.98	.98	.95
1.0	1.03	.98	.93	.90	.95	.91	.94	.90	.87	.88	.85	.83	.83	.81	.79	.76
2.0	.89	.81	.75	.86	.79	.73	.81	.75	.70	.76	.72	.67	.72	.68	.65	.62
3.0	.77	.68	.61	.75	.67	.60	.71	.64	.58	.67	.61	.56	.63	.58	.54	.51
4.0	.68	.59	.51	.66	.57	.51	.63	.55	.49	.59	.53	.47	.56	.51	.46	.43
5.0	.61	.51	.44	.59	.50	.43	.56	.48	.42	.53	.46	.41	.50	.44	.40	.37
6.0	.55	.45	.38	.53	.44	.38	.50	.43	.37	.48	.41	.36	.45	.39	.35	.32
7.0	.49	.40	.34	.48	.39	.33	.46	.38	.32	.44	.37	.32	.41	.35	.31	.29
8.0	.45	.36	.30	.44	.35	.29	.42	.34	.29	.40	.33	.28	.38	.32	.27	.25
9.0	.41	.33	.27	.40	.32	.26	.38	.31	.26	.37	.30	.25	.35	.29	.25	.23
10.0	.38	.30	.24	.37	.29	.24	.36	.28	.23	.34	.28	.23	.33	.27	.22	.21



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LiFeng Shao
 Test Date:2023-10-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:8.898m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:119.86V I:0.5141A P:56.215W PF:0.9122 Freq:59.98Hz Lamp Flux:3500x1 lm
NAME:ASD-FMOV-32D50
SPEC.:5000K
MFR.: ASD Lighting Corp

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.365	.207	.066	.355	.202	.064	.336	.193	.062	.319	.184	.059	.303	.176	.057	
2.0	.327	.179	.055	.318	.175	.054	.301	.168	.052	.286	.160	.050	.272	.154	.048	
3.0	.295	.157	.047	.287	.154	.046	.272	.148	.045	.259	.142	.043	.246	.136	.042	
4.0	.268	.140	.041	.261	.137	.040	.248	.132	.039	.236	.127	.038	.224	.122	.037	
5.0	.246	.125	.036	.239	.123	.036	.227	.118	.035	.216	.114	.034	.206	.110	.033	
6.0	.226	.113	.032	.221	.111	.032	.210	.107	.031	.200	.104	.030	.190	.100	.030	
7.0	.209	.104	.029	.204	.102	.029	.194	.098	.028	.185	.095	.028	.177	.092	.027	
8.0	.195	.095	.027	.190	.094	.026	.181	.091	.026	.173	.088	.025	.165	.085	.025	
9.0	.182	.088	.025	.178	.087	.024	.170	.084	.024	.162	.081	.023	.155	.079	.023	
10.0	.171	.082	.023	.167	.081	.022	.159	.078	.022	.152	.076	.021	.146	.073	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.259	.259	.259	.221	.221	.221	.151	.151	.151	.087	.087	.087	.028	.028	.028	
1.0	.252	.223	.198	.215	.192	.170	.147	.132	.118	.085	.076	.068	.027	.025	.022	
2.0	.244	.199	.161	.209	.171	.139	.143	.119	.097	.083	.069	.057	.027	.022	.019	
3.0	.236	.181	.138	.203	.156	.119	.139	.109	.084	.080	.063	.049	.026	.021	.016	
4.0	.228	.168	.122	.196	.145	.106	.135	.101	.075	.078	.059	.044	.025	.019	.015	
5.0	.220	.158	.111	.189	.136	.097	.130	.095	.068	.076	.056	.041	.024	.018	.013	
6.0	.213	.149	.104	.183	.129	.090	.126	.090	.064	.073	.053	.038	.024	.017	.013	
7.0	.206	.142	.098	.177	.123	.085	.122	.086	.060	.071	.051	.036	.023	.017	.012	
8.0	.199	.136	.093	.171	.118	.082	.118	.083	.058	.069	.049	.034	.022	.016	.011	
9.0	.192	.131	.090	.166	.114	.079	.115	.080	.056	.067	.047	.033	.022	.016	.011	
10.0	.186	.127	.087	.161	.110	.076	.111	.078	.054	.065	.046	.032	.021	.015	.011	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LiFeng Shao
 Test Date:2023-10-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:8.898m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.86V I:0.5141A P:56.215W PF:0.9122 Freq:59.98Hz Lamp Flux:3500x1 lm
NAME:ASD-FMOV-32D50
SPEC.:5000K
MFR.: ASD Lighting Corp

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	25.4	26.9	25.8	27.3	27.6	25.0	26.5	25.4	26.8	27.2
3H	27.4	28.8	27.8	29.2	29.6	26.8	28.1	27.2	28.5	28.9
4H	28.4	29.7	28.8	30.1	30.5	27.6	28.9	28.0	29.3	29.7
6H	29.4	30.6	29.8	31.0	31.5	28.3	29.5	28.7	29.9	30.4
8H	29.9	31.0	30.3	31.5	31.9	28.6	29.8	29.1	30.2	30.7
12H	30.4	31.5	30.9	32.0	32.4	29.0	30.1	29.4	30.5	31.0
4H 2H	26.0	27.3	26.4	27.7	28.1	25.7	27.0	26.1	27.4	27.8
3H	28.2	29.3	28.6	29.7	30.2	27.6	28.8	28.1	29.2	29.7
4H	29.3	30.3	29.7	30.8	31.3	28.6	29.6	29.1	30.1	30.6
6H	30.4	31.3	30.9	31.8	32.3	29.5	30.4	30.0	30.9	31.4
8H	31.0	31.8	31.5	32.3	32.9	29.9	30.7	30.4	31.3	31.8
12H	31.6	32.4	32.2	32.9	33.5	30.3	31.1	30.8	31.6	32.2
8H 4H	29.5	30.4	30.1	30.9	31.5	28.9	29.8	29.5	30.3	30.9
6H	30.8	31.6	31.4	32.1	32.7	30.0	30.8	30.6	31.3	31.9
8H	31.5	32.2	32.1	32.8	33.4	30.6	31.2	31.2	31.8	32.4
12H	32.4	32.9	33.0	33.5	34.2	31.2	31.8	31.8	32.3	33.0
12H 4H	29.6	30.4	30.1	30.9	31.5	29.0	29.8	29.5	30.3	30.9
6H	30.9	31.6	31.5	32.1	32.8	30.2	30.8	30.7	31.4	32.0
8H	31.7	32.3	32.3	32.8	33.5	30.8	31.4	31.4	32.0	32.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 3500 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 4.4)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LiFeng Shao
 Test Date:2023-10-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:8.898m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.86V I:0.5141A P:56.215W PF:0.9122 Freq:59.98Hz Lamp Flux:3500x1 lm
NAME:ASD-FMOV-32D50
SPEC.:5000K
MFR.: ASD Lighting Corp

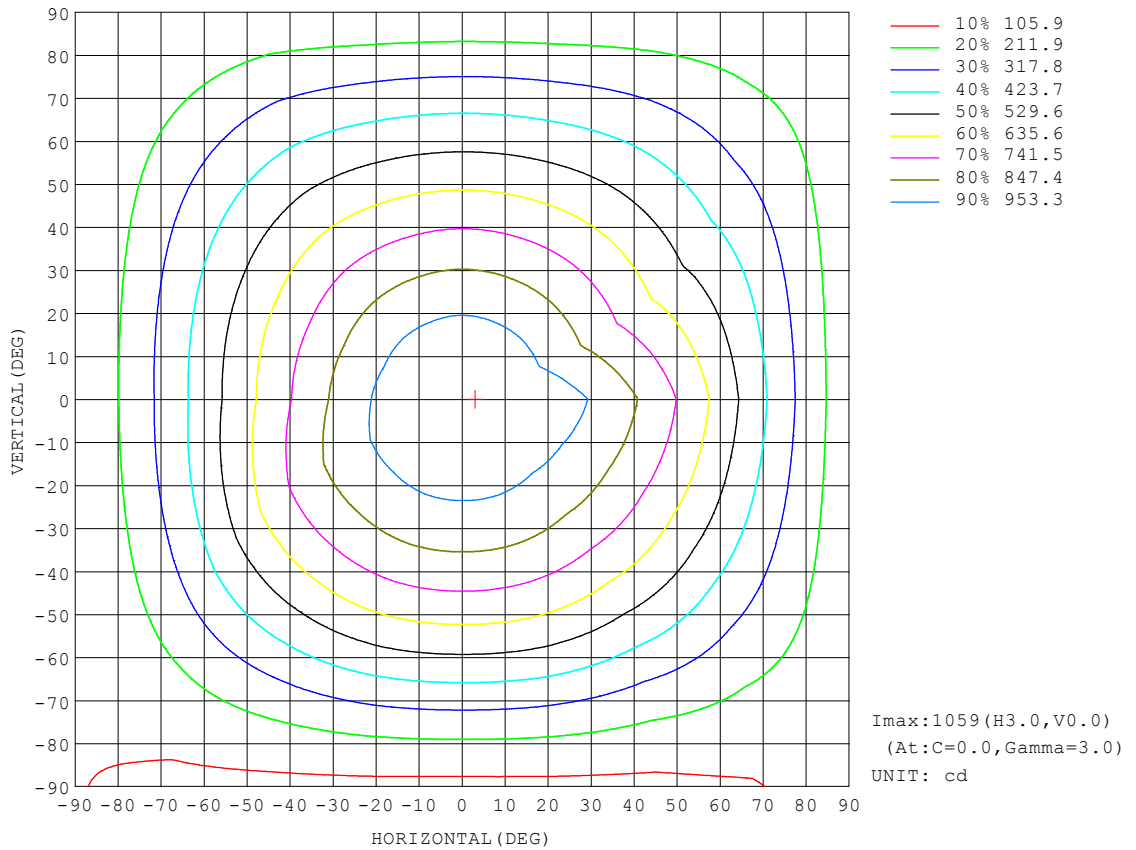
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	55	42	35	54	42	35	52	41	34	27
0.80	64	52	44	63	51	43	61	50	43	35
1.00	73	60	52	71	59	52	68	61	51	43
1.25	80	68	60	78	67	59	74	65	58	49
1.50	85	74	66	83	72	65	79	70	63	54
2.00	92	82	75	90	81	74	85	78	71	61
2.50	97	88	80	94	86	79	89	82	76	66
3.00	101	92	85	98	90	84	92	86	81	70
4.00	105	98	92	102	96	90	96	91	87	75
5.00	108	102	97	105	99	94	98	94	90	78
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LiFeng Shao
 Test Date:2023-10-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:8.898m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.86V I:0.5141A P:56.215W PF:0.9122 Freq:59.98Hz Lamp Flux:3500x1 lm
NAME:ASD-FMOV-32D50
SPEC.:5000K
MFR.: ASD Lighting Corp

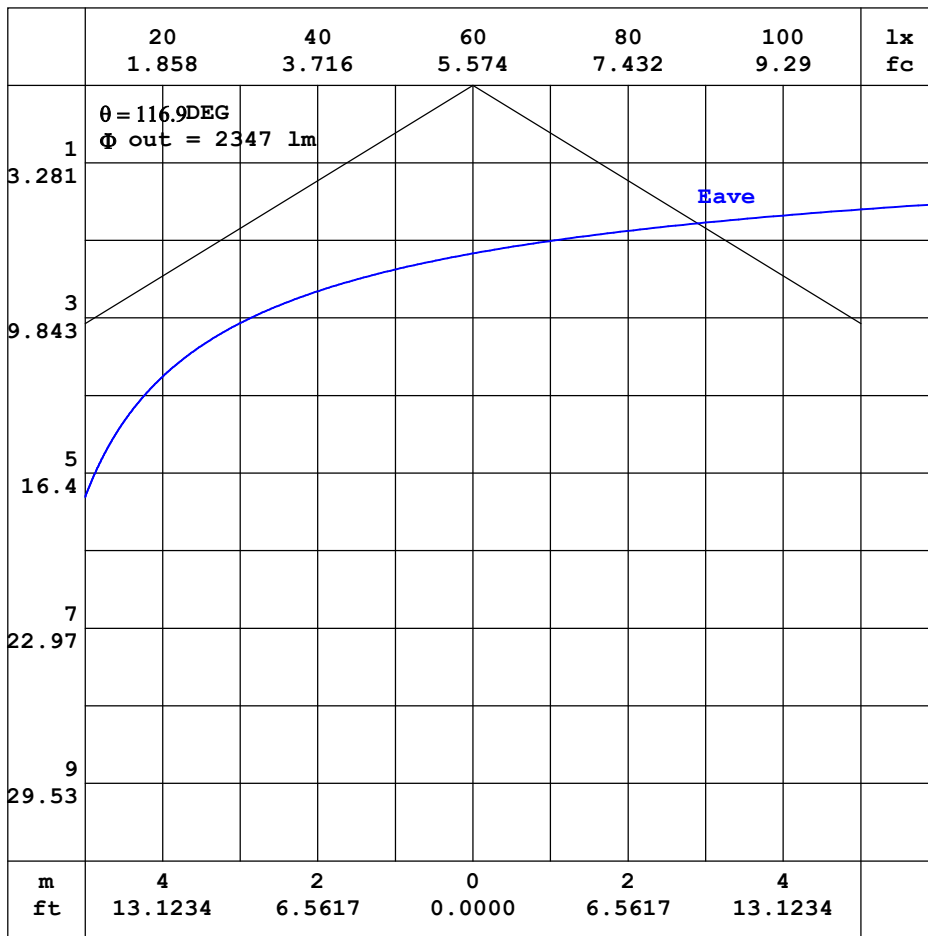


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LiFeng Shao
 Test Date:2023-10-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:8.898m [K=1.0000]
 Remarks:

AAI CURVES

Test:U:119.86V I:0.5141A P:56.215W PF:0.9122 Freq:59.98Hz Lamp Flux:3500x1 lm
NAME:ASD-FMOV-32D50
SPEC.:5000K
MFR.: ASD Lighting Corp



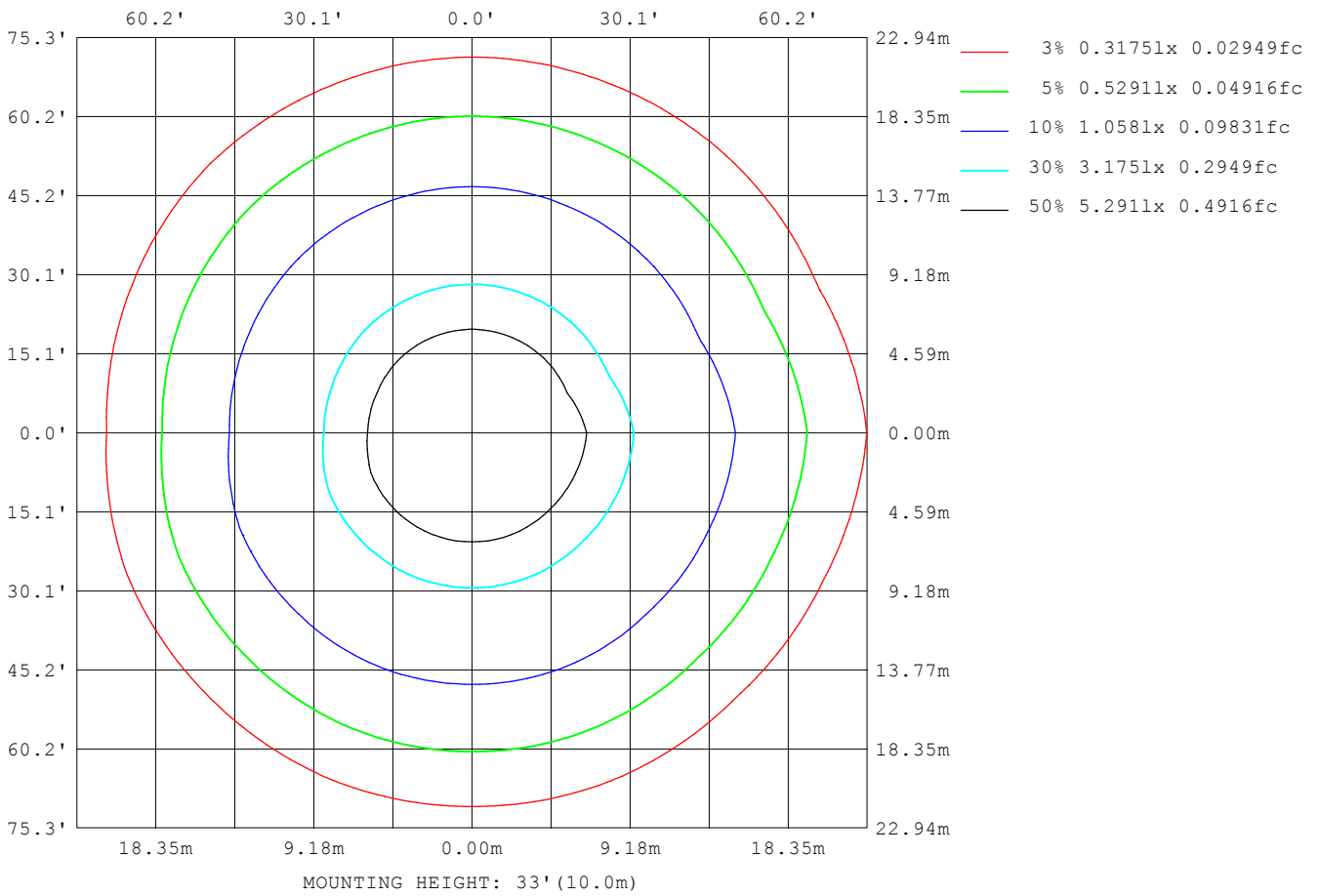
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LiFeng Shao
 Test Date:2023-10-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:8.898m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:119.86V I:0.5141A P:56.215W PF:0.9122 Freq:59.98Hz Lamp Flux:3500x1 lm
NAME:ASD-FMOV-32D50
SPEC.:5000K
MFR.: ASD Lighting Corp



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LiFeng Shao
 Test Date:2023-10-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:8.898m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:119.86V I:0.5141A P:56.215W PF:0.9122 Freq:59.98Hz Lamp Flux:3500x1 lm
NAME:ASD-FMOV-32D50
SPEC.:5000K
MFR.: ASD Lighting Corp

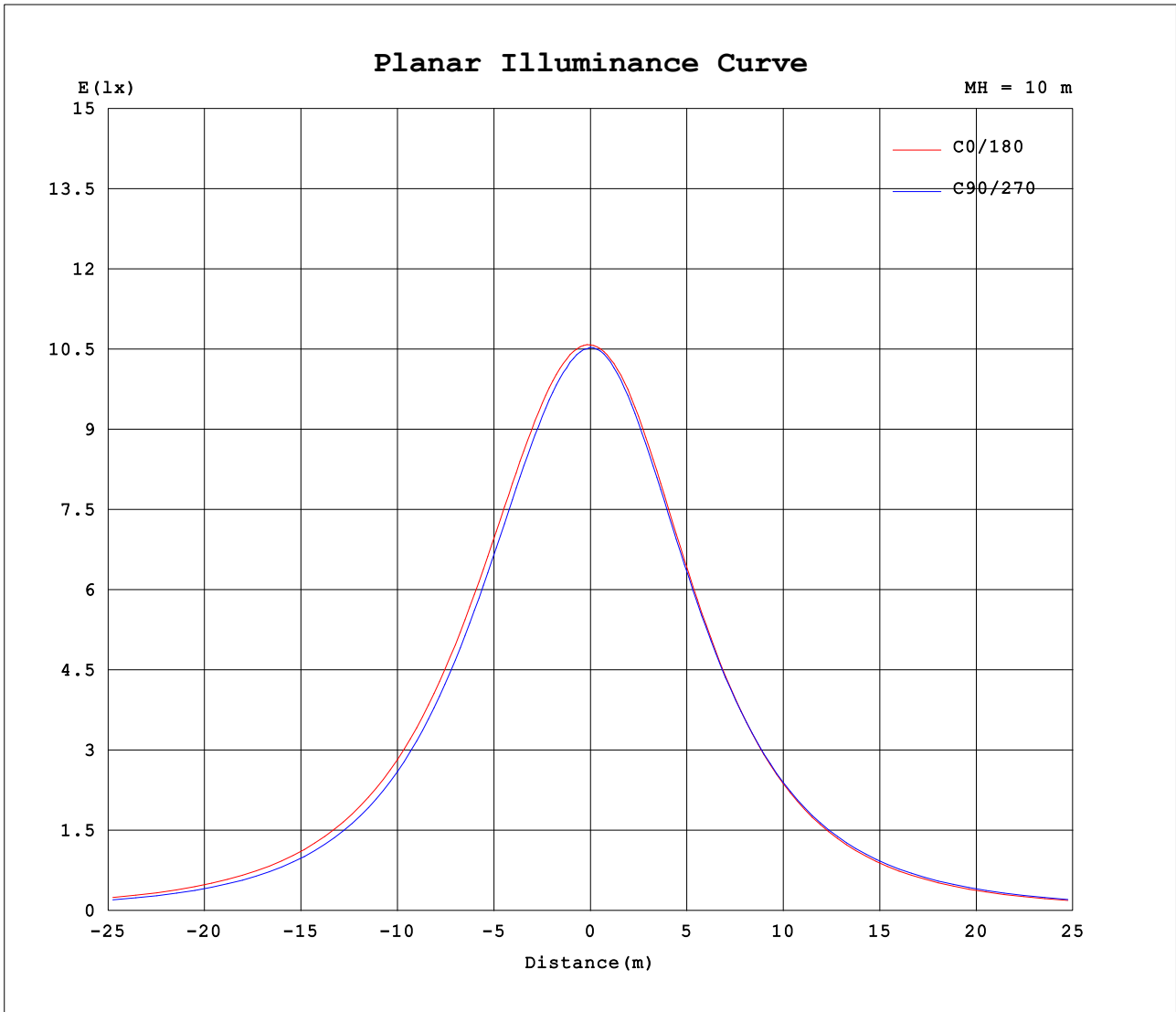
AvgL	cd/m2
L_0~180 (65) av	136840
L_0~180 (75) av	152369
L_0~180 (85) av	256820
L_90~270 (65) av	129967
L_90~270 (75) av	143060
L_90~270 (85) av	229724
L_45 (65) av	129833
L_45 (75) av	142987
L_45 (85) av	230343

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LiFeng Shao
 Test Date:2023-10-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:8.898m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiFeng Shao
Test Date:2023-10-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.898m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.86V I:0.5141A P:56.215W PF:0.9122 Freq:59.98Hz Lamp Flux:3500x1 lm
NAME:ASD-FMOV-32D50
SPEC.:5000K
MFR.: ASD Lighting Corp

Table--1

UNIT: cd

C (DEG) γ (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	1058	1053	1053	1052	1054	1052	1052	1052	1058	1053	1053	1052	1054	1052	1052	1052			
5	1058	1048	1045	1046	1045	1044	1043	1043	1051	1049	1045	1046	1046	1046	1045	1044			
10	1050	1037	1029	1030	1029	1030	1028	1028	1035	1025	1024	1023	1023	1023	1023	1022			
15	1035	1016	1007	1008	1006	1007	1005	1005	1005	993	991	990	991	990	990	990			
20	1014	990	977	978	977	978	976	976	963	949	950	948	949	948	949	948			
25	983	956	942	944	942	943	939	939	915	900	902	900	902	899	902	899			
30	948	917	901	902	900	901	897	897	858	847	849	848	850	848	850	848			
35	905	872	852	854	852	853	849	849	799	790	795	793	794	793	795	793			
40	856	818	798	800	798	798	793	794	737	731	737	735	738	736	738	737			
45	800	759	736	737	736	737	732	733	673	670	679	677	678	678	680	679			
50	739	693	669	671	669	670	664	665	607	609	619	618	620	619	621	620			
55	671	623	596	599	596	596	591	593	540	548	560	558	560	559	562	561			
60	596	546	518	522	518	520	514	515	473	486	500	499	501	499	503	501			
65	520	466	438	441	437	439	433	434	406	424	441	438	442	440	444	443			
70	438	383	354	358	354	356	351	352	339	361	382	379	382	381	385	383			
75	358	299	274	276	274	275	270	271	273	292	317	315	318	317	322	321			
80	278	222	198	200	198	199	195	195	210	225	251	249	252	251	256	256			
85	208	152	132	134	132	133	130	131	151	162	187	185	188	188	193	192			
90	150	99.3	88.6	90.0	88.9	90.0	88.2	88.7	109	107	126	125	127	127	131	130			
95	111	69.2	62.8	63.3	63.0	63.4	62.5	62.8	77.8	74.6	87.9	86.9	88.6	88.7	91.6	91.3			
100	82.4	53.7	50.9	51.1	51.1	51.4	51.4	51.5	58.6	58.8	65.7	65.1	66.1	66.2	68.0	67.7			
105	64.8	45.5	47.5	47.5	47.8	48.0	48.2	48.2	51.9	53.1	56.1	56.0	56.4	56.5	57.2	57.1			
110	54.7	43.0	47.6	47.5	48.0	48.2	48.7	48.7	53.0	52.2	54.7	54.7	55.0	55.2	55.6	55.6			
115	51.8	44.5	46.2	46.2	46.5	46.7	47.1	47.1	52.2	50.9	55.1	55.1	55.6	56.0	56.5	56.6			
120	49.5	43.0	44.6	44.6	44.6	44.7	44.7	44.7	48.6	50.2	54.9	54.7	55.2	55.4	56.2	56.2			
125	48.2	40.9	39.2	39.5	39.2	39.3	39.1	39.2	43.9	45.4	50.3	50.1	50.7	50.9	51.7	51.7			
130	46.8	35.4	32.4	32.5	32.5	32.5	32.4	32.5	38.7	39.6	45.5	45.3	45.9	46.1	47.0	47.0			
135	41.2	29.6	26.7	26.9	26.8	26.8	26.5	26.7	32.9	34.4	40.5	40.3	40.8	41.1	41.9	41.9			
140	35.3	24.3	21.2	21.4	21.2	21.2	21.0	21.1	26.1	28.6	34.8	34.5	35.1	35.4	36.2	36.2			
145	29.0	19.5	16.2	16.3	16.0	16.1	15.8	15.9	19.3	22.8	28.6	28.3	28.9	29.1	30.0	30.0			
150	22.9	15.2	11.8	11.9	11.7	11.8	11.5	11.6	13.8	17.0	21.6	21.5	22.0	22.3	23.1	23.0			
155	17.2	10.9	9.05	9.14	8.93	9.06	8.92	8.96	9.53	12.5	15.2	15.1	15.5	15.7	16.4	16.2			
160	11.7	8.27	7.33	7.38	7.33	7.35	7.31	7.31	8.10	8.86	9.91	9.89	10.0	10.1	10.5	10.4			
165	7.43	7.18	7.23	7.17	7.25	7.21	7.25	7.22	7.65	7.87	8.37	8.28	8.40	8.42	8.54	8.52			
170	7.42	7.28	7.25	7.21	7.20	7.21	7.21	7.21	7.28	7.15	7.42	7.40	7.44	7.46	7.52	7.52			
175	7.31	7.25	7.27	7.27	7.28	7.27	7.28	7.28	7.47	7.36	7.53	7.52	7.53	7.54	7.57	7.58			
180	7.34	7.46	7.51	7.51	7.53	7.54	7.56	7.57	7.33	7.47	7.51	7.51	7.52	7.53	7.56	7.57			

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