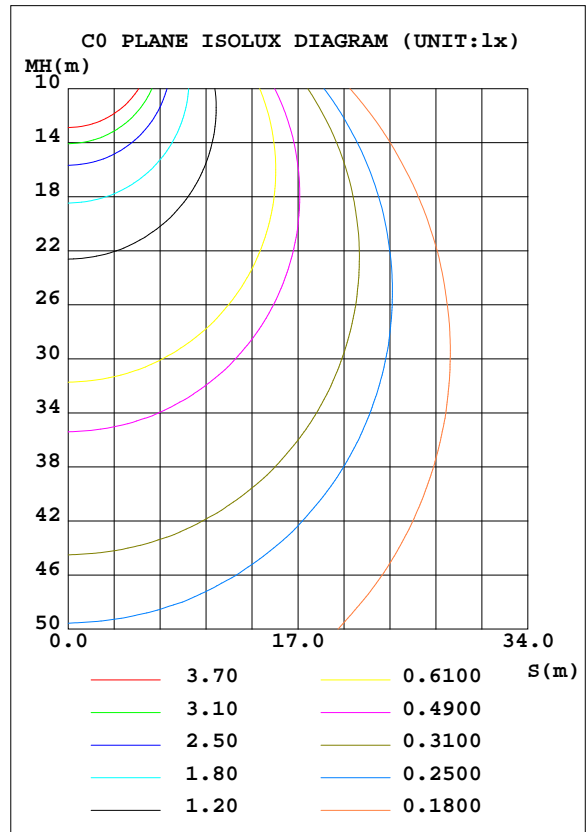
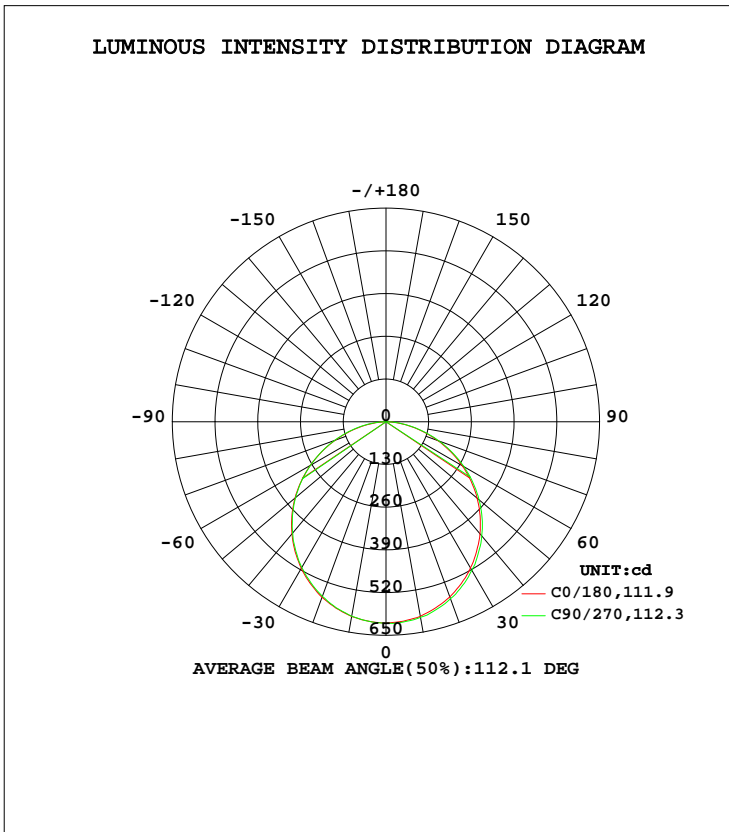


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.03V I:0.2195A P:24.450W PF:0.9280 Freq:60.00Hz Lamp Flux:1749.4x1 lm		
NAME: ASD-MPR-12N24WH-MS	TYPE: N/A	WEIGHT: N/A
SPEC.: 6000K	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 71.55 lm/W			
MODEL	ASD-MPR-12N24WH-MS	I _{max} (cd)	614.3	S/MH(C0/180)	1.25
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1749.4	η UP, DN(C0-180)	0.0,49.6
NOMINAL FLUX(lm)	1749.4	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3DEG
 Operators:Water
 Test Date:2025-03-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:48%
 Test Distance:2.519m [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	601.8	600.3	600.8	599.2	601.5	602.7	604.5	603.5	0- 10	57.98	57.98	3.31,3.31
20	568.5	566.9	565.5	564.8	567.8	570.7	573.3	572.7	10- 20	165.9	223.9	12.8,12.8
30	515.2	513.3	512.5	511.6	514.1	518.9	522.3	522.4	20- 30	251.1	475.0	27.2,27.2
40	445.3	443.0	442.1	441.5	444.9	449.8	453.4	453.2	30- 40	302.5	777.5	44.4,44.4
50	361.6	359.6	359.3	358.4	362.0	365.9	369.9	369.2	40- 50	313.7	1091	62.4,62.4
60	266.3	265.1	265.5	264.9	268.2	271.0	274.5	273.9	50- 60	283.4	1375	78.6,78.6
70	164.5	164.8	166.8	165.8	167.8	169.7	172.4	171.7	60- 70	216.2	1591	90.9,90.9
80	66.61	69.15	72.32	70.84	70.56	71.79	74.25	73.39	70- 80	124.9	1716	98.1,98.1
90	0	0	0	0	0	0	0	0	80- 90	33.56	1749	100,100
100	0	0	0	0	0	0	0	0	90-100	0	1749	100,100
110	0	0	0	0	0	0	0	0	100-110	0	1749	100,100
120	0	0	0	0	0	0	0	0	110-120	0	1749	100,100
130	0	0	0	0	0	0	0	0	120-130	0	1749	100,100
140	0	0	0	0	0	0	0	0	130-140	0	1749	100,100
150	0	0	0	0	0	0	0	0	140-150	0	1749	100,100
160	0	0	0	0	0	0	0	0	150-160	0	1749	100,100
170	0	0	0	0	0	0	0	0	160-170	0	1749	100,100
180	0	0	0	0	0	0	0	0	170-180	0	1749	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 935.59 lm

%lum = 53.5%
 %lamp = 53.5%

Conical surface Flux(120deg): 1374.7 lm

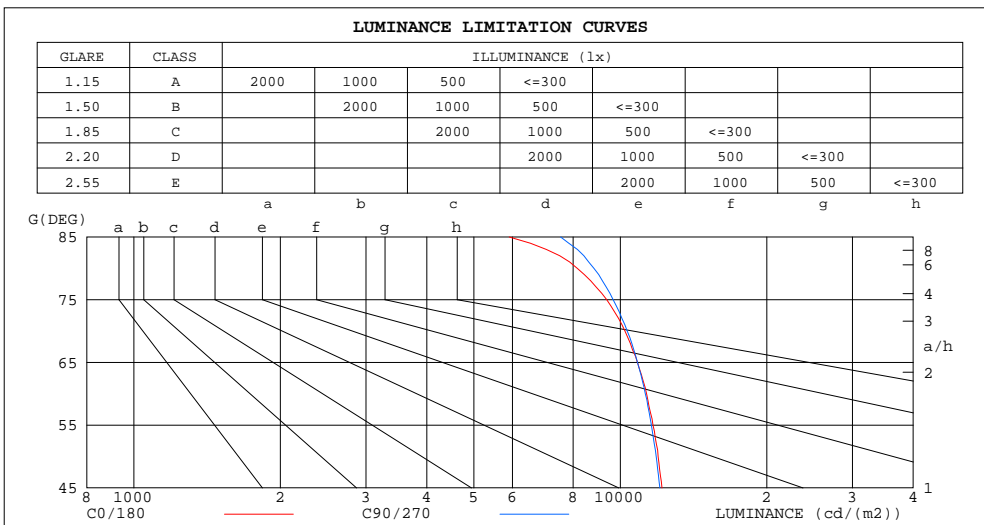
%lum = 78.6%
 %lamp = 78.6%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3DEG
 Operators:Water
 Test Date:2025-03-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:48%
 Test Distance:2.519m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.03V I:0.2195A P:24.450W PF:0.9280 Freq:60.00Hz Lamp Flux:1749.4x1 lm		
NAME: ASD-MPR-12N24WH-MS	TYPE: N/A	WEIGHT: N/A
SPEC.: 6000K	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5910	7536
80	8155	8828
75	9374	9667
70	10223	10336
65	10845	10846
60	11322	11254
55	11676	11580
50	11961	11849
45	12182	12061

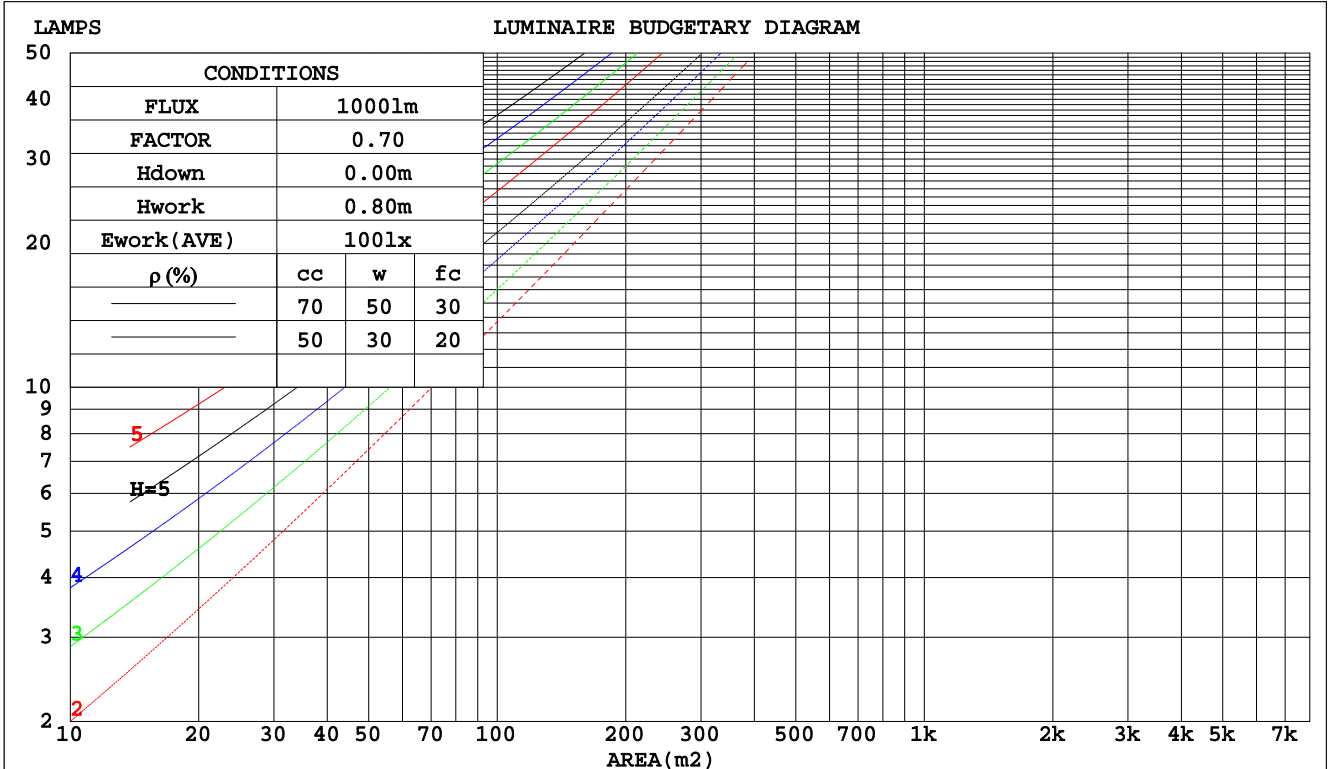
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3DEG
 Operators: Water
 Test Date: 2025-03-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 48%
 Test Distance: 2.519m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.03V I:0.2195A P:24.450W PF:0.9280 Freq:60.00Hz Lamp Flux:1749.4x1 lm		
NAME:ASD-MPR-12N24WH-MS	TYPE: N/A	WEIGHT: N/A
SPEC.: 6000K	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.04	.99	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.90	.83	.78	.88	.82	.77	.85	.80	.75	.82	.77	.73	.79	.75	.72	.69
3.0	.79	.71	.64	.78	.70	.64	.75	.68	.63	.72	.66	.62	.69	.65	.61	.58
4.0	.70	.61	.55	.69	.61	.54	.66	.59	.53	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.59	.52	.46	.57	.51	.46	.56	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.54	.46	.40	.52	.45	.40	.50	.44	.40	.38
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.31	.30
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.27
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3DEG
 Operators:Water
 Test Date:2025-03-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:48%
 Test Distance:2.519m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.03V I:0.2195A P:24.450W PF:0.9280 Freq:60.00Hz		
Lamp Flux:1749.4x1 lm		
NAME: ASD-MPR-12N24WH-MS	TYPE: N/A	WEIGHT: N/A
SPEC.:6000K	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

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	.311	.177	.056	.304	.173	.055	.291	.167	.053	.278	.161	.052	.267	.155	.050	
2.0	.293	.160	.049	.286	.158	.049	.275	.153	.047	.264	.148	.046	.254	.144	.045	
3.0	.271	.144	.043	.265	.142	.043	.255	.138	.042	.245	.134	.041	.236	.131	.040	
4.0	.250	.130	.038	.245	.128	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036	
5.0	.231	.118	.034	.226	.116	.034	.218	.114	.033	.211	.111	.033	.204	.109	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030	
7.0	.199	.098	.028	.196	.097	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.172	.087	.025	.166	.085	.025	
9.0	.174	.084	.024	.171	.084	.023	.166	.082	.023	.161	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.180	.156	.134	.154	.134	.116	.106	.092	.080	.061	.053	.046	.019	.017	.015	
2.0	.172	.132	.098	.148	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.165	.114	.074	.141	.099	.064	.097	.069	.045	.056	.040	.027	.018	.013	.009	
4.0	.157	.101	.058	.135	.087	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.047	.128	.078	.041	.088	.055	.029	.051	.032	.017	.017	.010	.006	
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.075	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.003	
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3DEG
 Operators:Water
 Test Date:2025-03-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:48%
 Test Distance:2.519m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.03V I:0.2195A P:24.450W PF:0.9280 Freq:60.00Hz										
Lamp Flux:1749.4x1 lm										
NAME: ASD-MPR-12N24WH-MS					TYPE: N/A			WEIGHT: N/A		
SPEC.: 6000K					DIM.: N/A			SERIAL No.: N/A		
MFR.: ASD Lighting Corp					SUR.: N/A			Shielding Angle: N/A		
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	19.4	21.0	19.7	21.2	21.4	19.4	20.9	19.7	21.1	21.4
3H	20.9	22.4	21.2	22.6	22.8	20.9	22.4	21.2	22.6	22.8
4H	21.5	22.9	21.8	23.1	23.4	21.6	22.9	21.9	23.2	23.4
6H	21.9	23.2	22.3	23.5	23.7	22.0	23.3	22.3	23.6	23.8
8H	22.0	23.3	22.4	23.5	23.8	22.2	23.4	22.5	23.7	24.0
12H	22.1	23.3	22.4	23.6	23.9	22.2	23.4	22.6	23.7	24.0
4H 2H	20.0	21.4	20.4	21.6	21.9	20.0	21.4	20.3	21.6	21.9
3H	21.7	22.9	22.1	23.2	23.5	21.7	22.9	22.1	23.2	23.5
4H	22.4	23.5	22.8	23.8	24.2	22.5	23.6	22.9	23.9	24.2
6H	23.0	23.9	23.4	24.3	24.6	23.1	24.0	23.5	24.4	24.7
8H	23.1	24.0	23.5	24.4	24.8	23.3	24.2	23.7	24.5	24.9
12H	23.2	24.0	23.6	24.4	24.8	23.4	24.2	23.8	24.6	25.0
8H 4H	22.7	23.6	23.1	24.0	24.3	22.7	23.6	23.2	24.0	24.4
6H	23.4	24.1	23.8	24.5	24.9	23.5	24.2	23.9	24.6	25.0
8H	23.6	24.3	24.1	24.7	25.1	23.8	24.4	24.2	24.8	25.3
12H	23.8	24.3	24.2	24.8	25.3	24.0	24.5	24.5	25.0	25.5
12H 4H	22.7	23.5	23.1	23.9	24.3	22.8	23.6	23.2	24.0	24.4
6H	23.4	24.1	23.9	24.5	25.0	23.5	24.2	24.0	24.6	25.1
8H	23.7	24.3	24.2	24.7	25.2	23.9	24.4	24.3	24.9	25.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1749 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.9)
 Area: 0.0471196 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3DEG
 Operators:Water
 Test Date:2025-03-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:48%
 Test Distance:2.519m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.03V I:0.2195A P:24.450W PF:0.9280 Freq:60.00Hz Lamp Flux:1749.4x1 lm		
NAME: ASD-MPR-12N24WH-MS	TYPE: N/A	WEIGHT: N/A
SPEC.:6000K	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

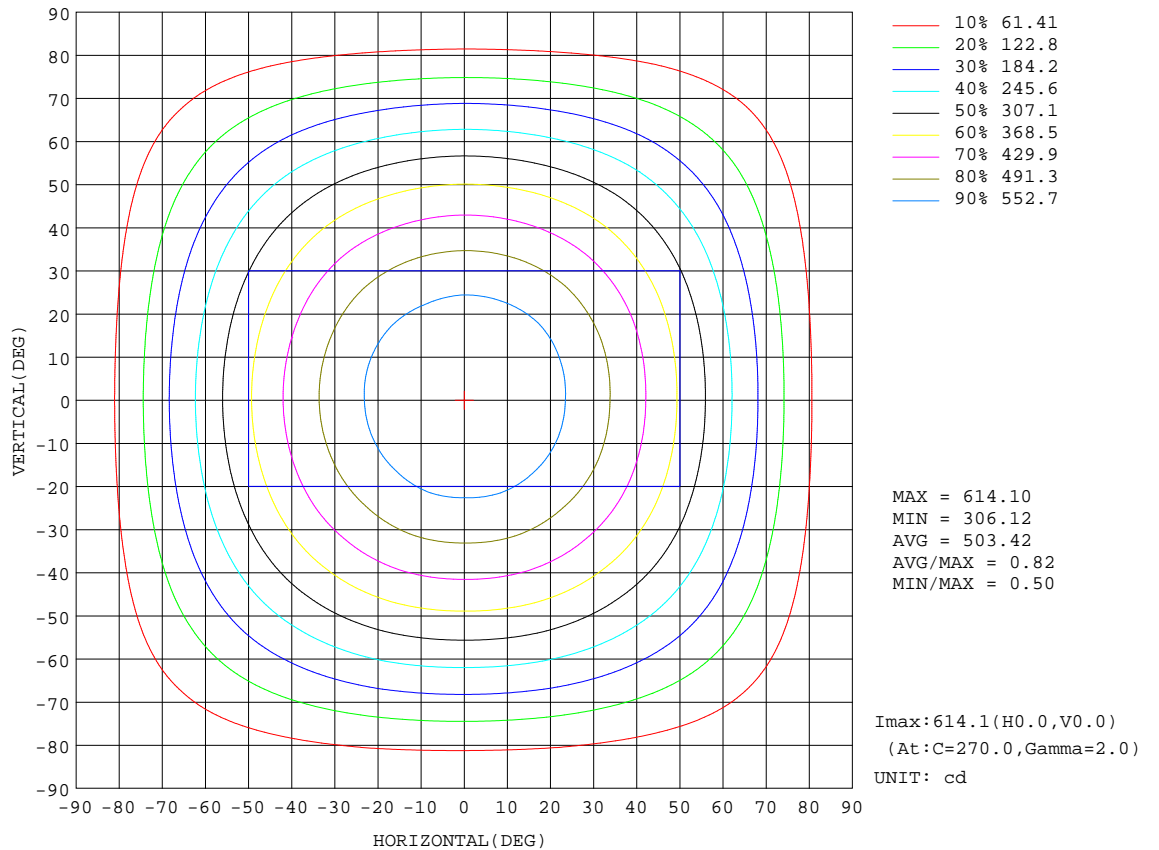
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	57	46	39	55	45	39	32
0.80	67	56	48	66	55	48	65	55	48	41
1.00	76	65	57	75	64	57	72	66	57	49
1.25	83	72	65	82	72	65	79	70	64	57
1.50	88	78	71	86	77	71	83	75	69	62
2.00	95	86	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	86	78
4.00	106	100	96	104	99	94	100	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
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:24.3DEG
 Operators:Water
 Test Date:2025-03-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:48%
 Test Distance:2.519m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.03V I:0.2195A P:24.450W PF:0.9280 Freq:60.00Hz Lamp Flux:1749.4x1 lm		
NAME: ASD-MPR-12N24WH-MS	TYPE: N/A	WEIGHT: N/A
SPEC.: 6000K	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A



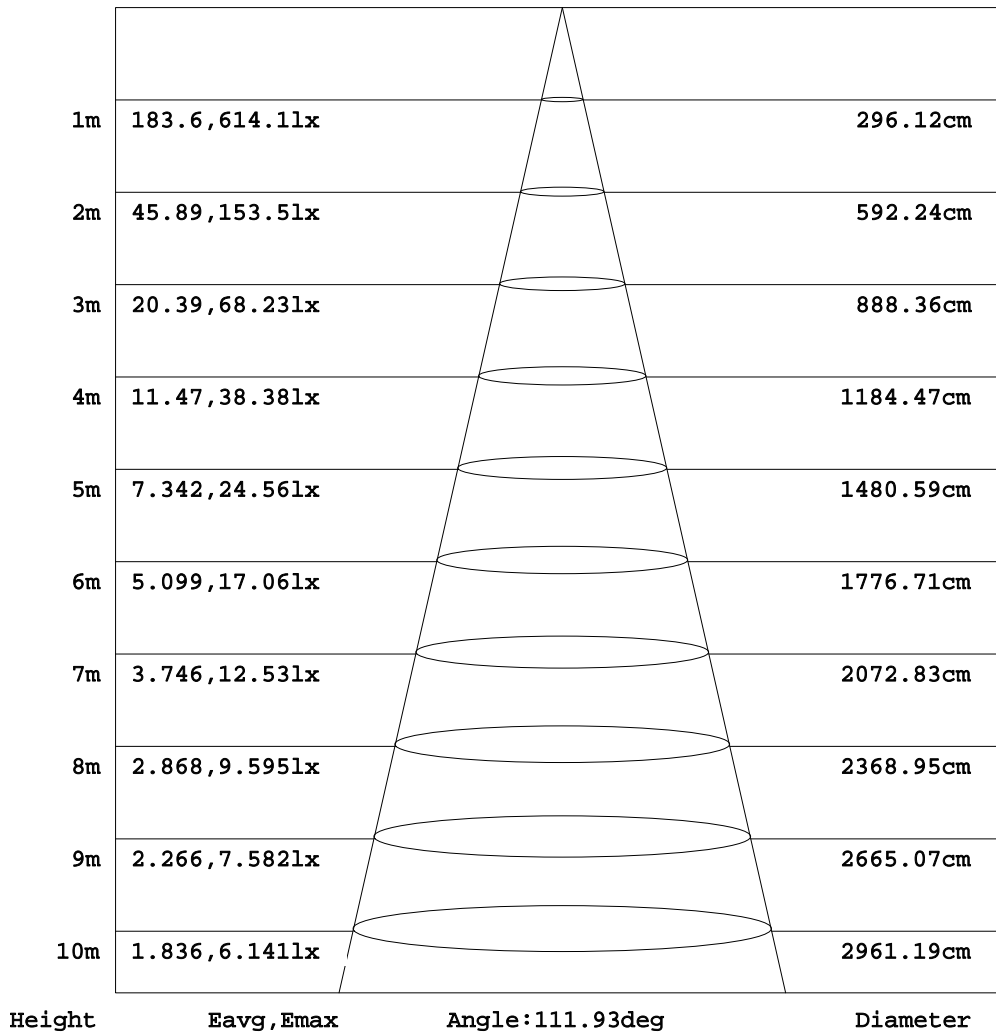
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3DEG
 Operators: Water
 Test Date: 2025-03-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 48%
 Test Distance: 2.519m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.03V I:0.2195A P:24.450W PF:0.9280 Freq:60.00Hz Lamp Flux:1749.4x1 lm		
NAME: ASD-MPR-12N24WH-MS	TYPE: N/A	WEIGHT: N/A
SPEC.: 6000K	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

Flux out:1267 lm



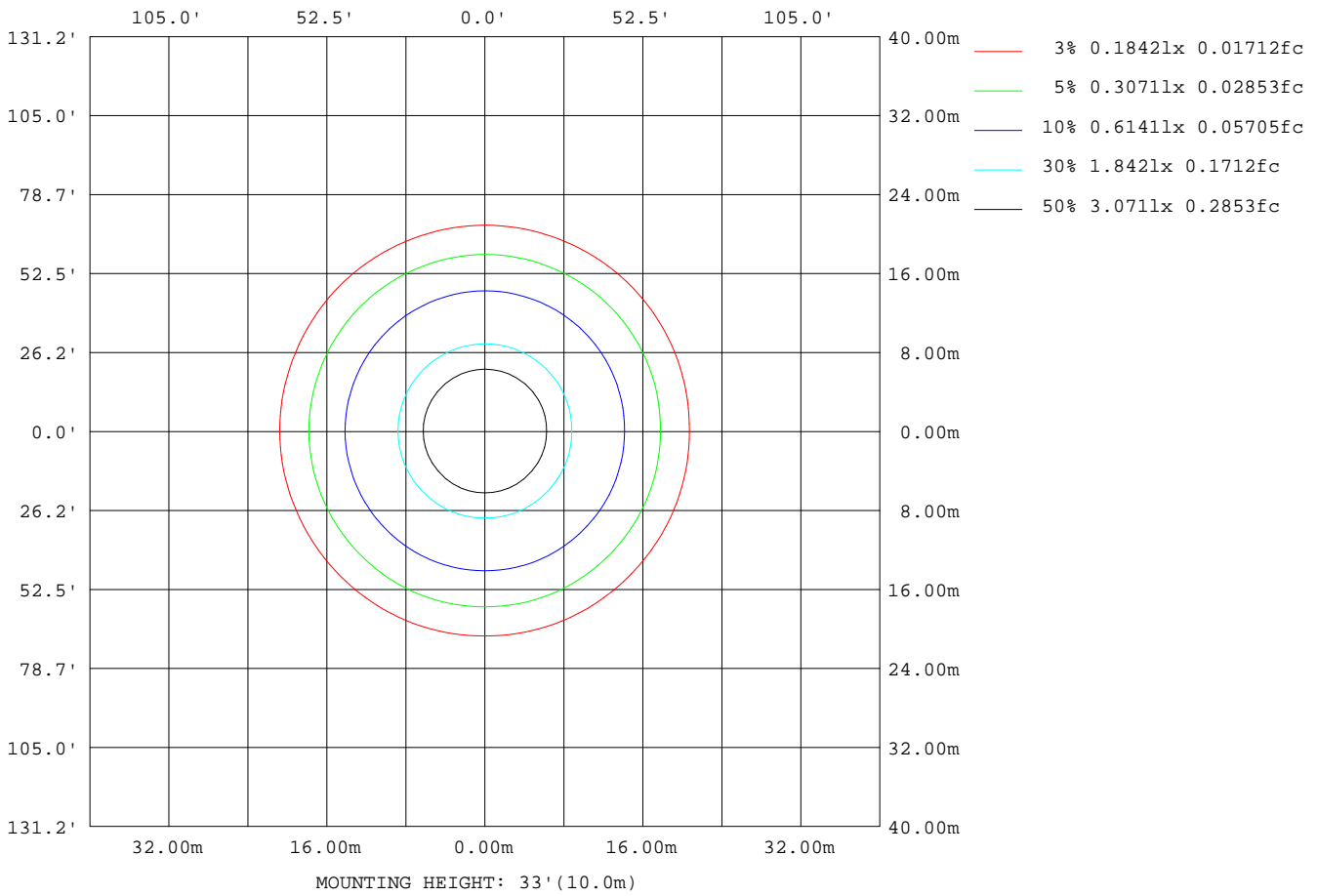
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3DEG
 Operators: Water
 Test Date: 2025-03-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 48%
 Test Distance: 2.519m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.03V I:0.2195A P:24.450W PF:0.9280 Freq:60.00Hz Lamp Flux:1749.4x1 lm		
NAME: ASD-MPR-12N24WH-MS	TYPE: N/A	WEIGHT: N/A
SPEC.: 6000K	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3DEG
 Operators: Water
 Test Date: 2025-03-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 48%
 Test Distance: 2.519m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.03V I:0.2195A P:24.450W PF:0.9280 Freq:60.00Hz Lamp Flux:1749.4x1 lm		
NAME: ASD-MPR-12N24WH-MS	TYPE: N/A	WEIGHT: N/A
SPEC.: 6000K	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

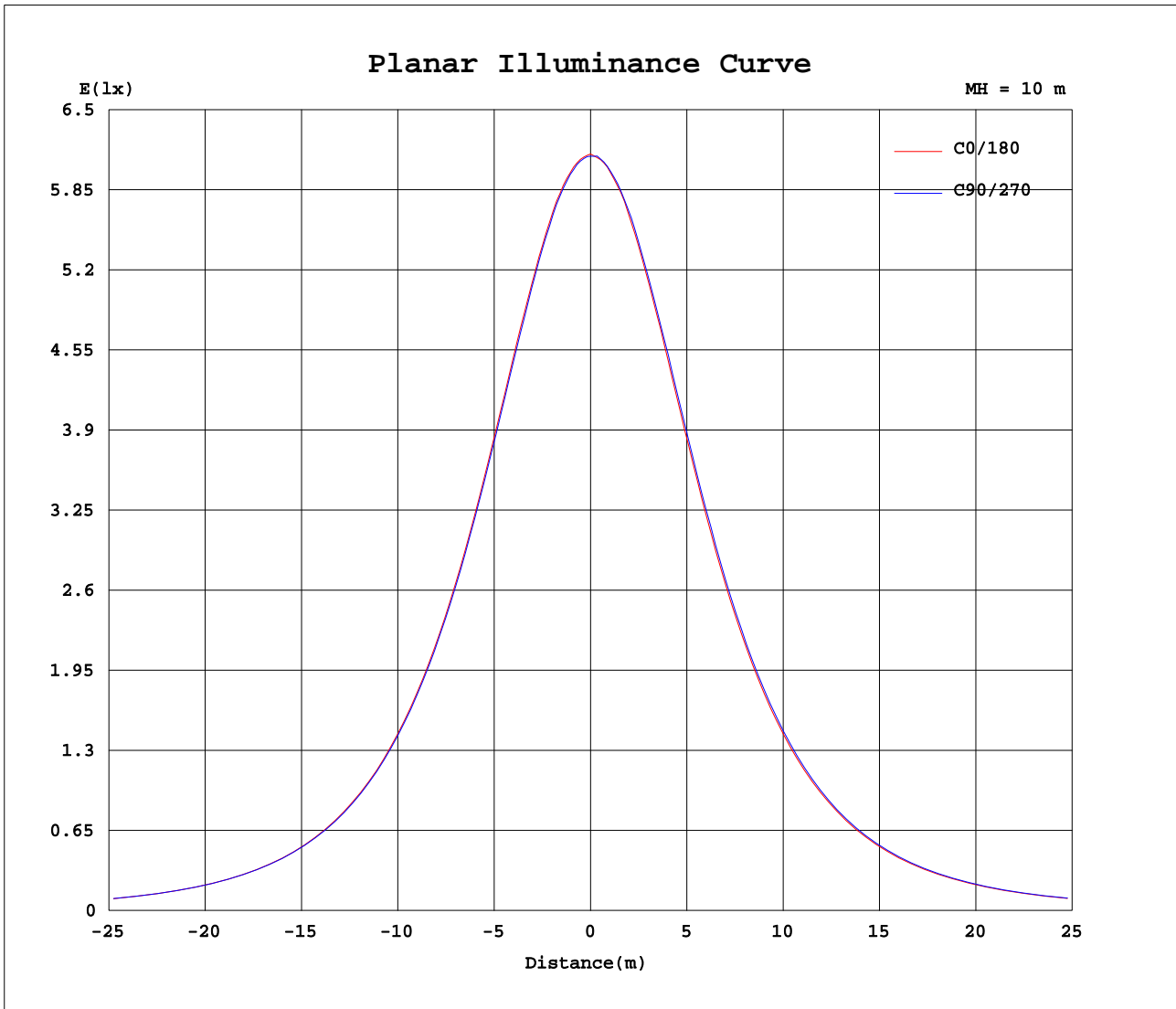
AvgL	cd/m2
L_0~180(65)av	10890
L_0~180(75)av	9477
L_0~180(85)av	6462
L_90~270(65)av	11043
L_90~270(75)av	9805
L_90~270(85)av	7666
L_45(65)av	10980
L_45(75)av	9674
L_45(85)av	7117

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3DEG
 Operators:Water
 Test Date:2025-03-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:48%
 Test Distance:2.519m [K=1.0000]
 Remarks:

Planar Illuminance Curve



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 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3DEG
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 48%
 Test Distance: 2.519m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.03V I:0.2195A P:24.450W PF:0.9280 Freq:60.00Hz Lamp Flux:1749.4x1 lm		
NAME: ASD-MPR-12N24WH-MS	TYPE: N/A	WEIGHT: N/A
SPEC.: 6000K	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

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	613	613	613	613	613	613	613	613	613	613	613	613	613	613	613	613			
5	609	611	609	610	609	610	609	609	609	611	612	611	612	611	611	611			
10	602	602	600	601	601	600	599	601	601	602	603	603	605	604	604	605			
15	588	588	585	586	586	585	584	586	586	589	590	590	592	591	591	590			
20	568	568	567	567	565	565	565	566	568	569	571	571	573	573	573	572			
25	544	544	541	543	541	541	540	542	543	546	547	548	550	550	550	548			
30	515	516	513	513	512	512	512	513	514	516	519	521	522	522	522	521			
35	482	483	480	482	479	480	478	480	481	484	486	488	490	489	490	487			
40	445	446	443	444	442	443	442	443	445	447	450	451	453	453	453	452			
45	405	406	403	404	402	403	401	403	405	407	409	411	413	413	413	411			
50	362	362	360	360	359	360	358	360	362	364	366	367	370	369	369	367			
55	315	316	313	315	313	314	313	314	316	317	320	321	323	323	323	320			
60	266	267	265	267	265	266	265	266	268	269	271	272	274	273	274	271			
65	216	216	215	217	216	217	216	216	218	219	221	221	224	223	223	220			
70	164	166	165	167	167	168	166	165	168	168	170	170	172	171	172	169			
75	114	115	115	117	118	118	117	115	117	117	119	120	121	121	121	119			
80	66.6	67.8	69.2	71.6	72.3	72.9	70.8	69.2	70.6	70.3	71.8	72.9	74.2	73.8	73.4	71.0			
85	24.2	26.1	27.4	30.7	31.0	31.9	29.1	27.8	28.8	28.0	29.9	30.6	32.0	31.0	30.5	27.8			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

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