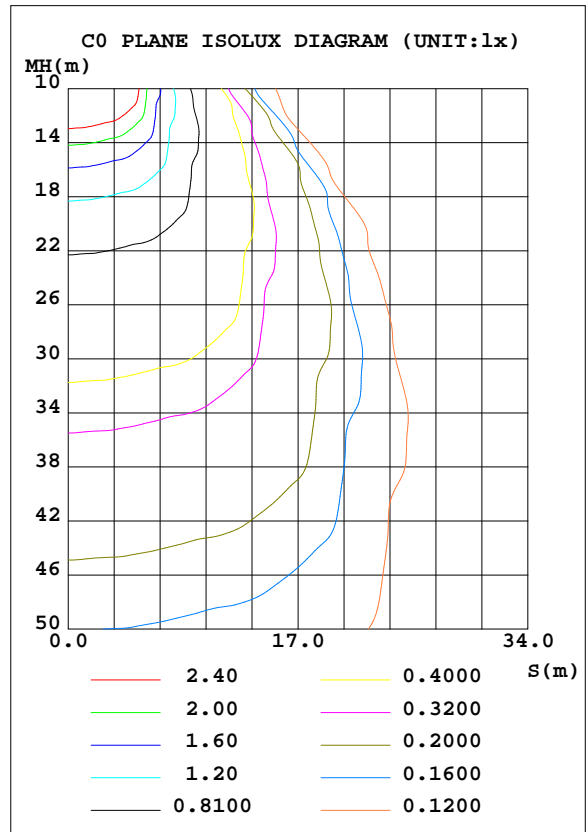
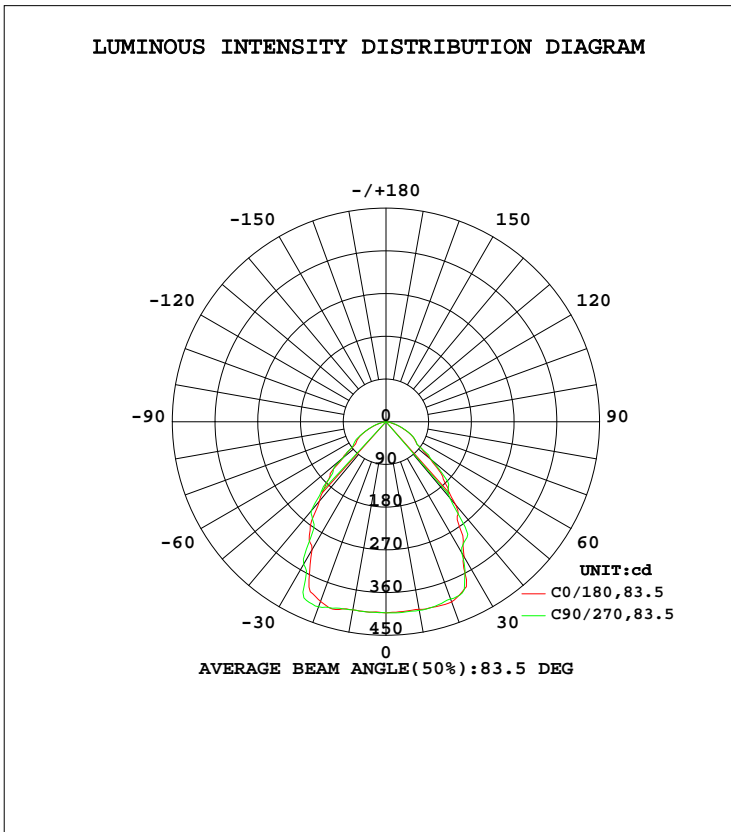


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.06V I:0.0797A P:9.3800W PF:0.9803 Freq:60.00Hz Lamp Flux:782.532x1 lm		
NAME: ASD-LCLS-1A-9BK 5000K	TYPE: N/A	WEIGHT: N/A
SPEC.:LED Luminaires	DIM.: N/A	SERIAL No.: N/A
MFR.:ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	ASD-LCLS-1A-9BK 5000K	Imax(cd)	416.2	S/MH(C0/180)	1.20
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.16
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	782.53	η UP, DN(C0-180)	0.0,49.5
NOMINAL FLUX(lm)	782.532	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	100.0	CIBSE SHR MAX	1.25



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Water
 Test Date:2024-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:46%
 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	402.5	402.0	402.2	401.3	401.3	402.1	403.5	403.9	0- 10	38.39	38.39	4.91,4.91
20	403.0	413.8	414.7	414.9	404.1	394.6	397.4	397.4	10- 20	114.7	153.1	19.6,19.6
30	311.7	335.2	346.9	345.5	329.3	324.0	319.6	310.9	20- 30	175.0	328.1	41.9,41.9
40	218.3	233.0	245.8	218.9	229.1	219.9	209.6	217.7	30- 40	172.9	501.1	64,64
50	119.1	119.4	117.9	120.4	121.6	119.5	125.9	118.5	40- 50	134.4	635.5	81.2,81.2
60	66.10	67.74	70.24	68.51	67.23	67.30	68.16	67.48	50- 60	76.71	712.2	91,91
70	30.65	31.81	31.75	31.43	32.21	33.92	34.19	34.05	60- 70	49.18	761.4	97.3,97.3
80	4.991	6.273	6.765	6.181	5.689	7.470	8.160	7.324	70- 80	19.27	780.7	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	1.876	782.5	100,100
100	0	0	0	0	0	0	0	0	90-100	0	782.5	100,100
110	0	0	0	0	0	0	0	0	100-110	0	782.5	100,100
120	0	0	0	0	0	0	0	0	110-120	0	782.5	100,100
130	0	0	0	0	0	0	0	0	120-130	0	782.5	100,100
140	0	0	0	0	0	0	0	0	130-140	0	782.5	100,100
150	0	0	0	0	0	0	0	0	140-150	0	782.5	100,100
160	0	0	0	0	0	0	0	0	150-160	0	782.5	100,100
170	0	0	0	0	0	0	0	0	160-170	0	782.5	100,100
180	0	0	0	0	0	0	0	0	170-180	0	782.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 575.08 lm

%lum = 73.5%
 %lamp = 73.5%

Conical surface Flux(120deg): 712.2 lm

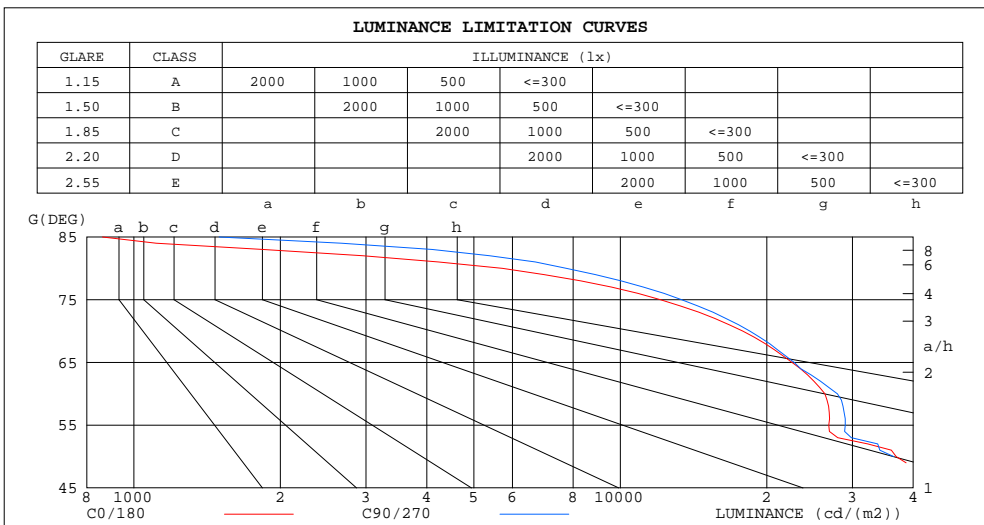
%lum = 91.0%
 %lamp = 91.0%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Water
 Test Date:2024-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:46%
 Test Distance:2.519m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.06V I:0.0797A P:9.3800W PF:0.9803 Freq:60.00Hz Lamp Flux:782.532x1 lm		
NAME: ASD-LCLS-1A-9BK 5000K	TYPE: N/A	WEIGHT: N/A
SPEC.:LED Luminaires	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	862	1498
80	5726	7747
75	12098	13369
70	17851	18461
65	22548	22771
60	26336	27939
55	26828	28994
50	36908	36466
45	47865	47224

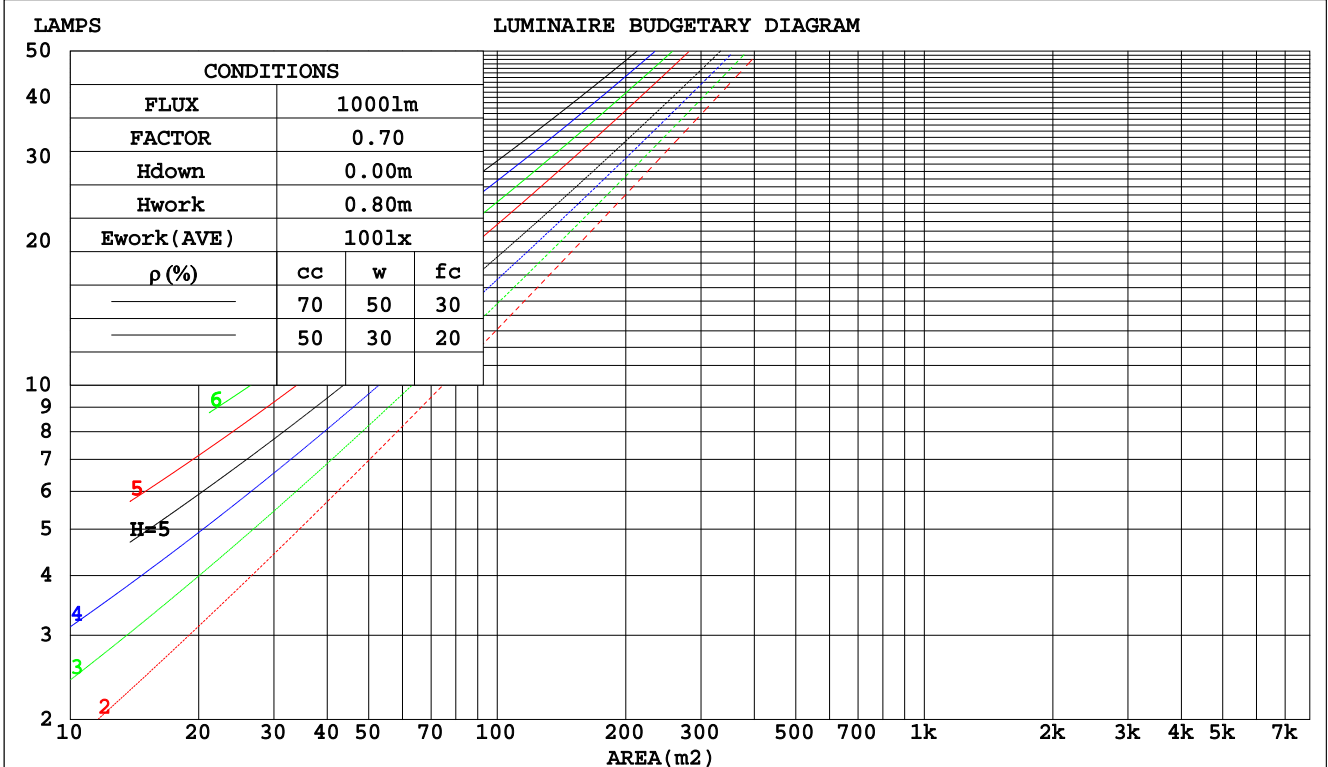
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2DEG
 Operators: Water
 Test Date: 2024-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 46%
 Test Distance: 2.519m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.06V I:0.0797A P:9.3800W PF:0.9803 Freq:60.00Hz Lamp Flux:782.532x1 lm		
NAME: ASD-LCLS-1A-9BK 5000K	TYPE: N/A	WEIGHT: N/A
SPEC.:LED Luminaires	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	1.08	1.04	1.01	1.05	1.02	.90	1.01	.99	.96	.97	.95	.94	.94	.92	.91	.89
2.0	.97	.91	.86	.95	.90	.85	.91	.87	.84	.88	.85	.82	.85	.82	.80	.78
3.0	.87	.80	.75	.86	.79	.74	.83	.77	.73	.80	.76	.72	.78	.74	.71	.69
4.0	.79	.71	.66	.78	.71	.65	.75	.69	.64	.73	.68	.64	.71	.66	.63	.61
5.0	.72	.64	.58	.71	.63	.58	.69	.62	.57	.67	.61	.57	.65	.60	.56	.54
6.0	.65	.58	.52	.65	.57	.52	.63	.56	.51	.61	.56	.51	.60	.55	.51	.49
7.0	.60	.52	.47	.59	.52	.47	.58	.51	.47	.57	.51	.46	.55	.50	.46	.44
8.0	.55	.48	.43	.55	.48	.43	.54	.47	.42	.52	.46	.42	.51	.46	.42	.40
9.0	.51	.44	.39	.51	.44	.39	.50	.43	.39	.49	.43	.39	.48	.42	.38	.37
10.0	.48	.41	.36	.47	.40	.36	.46	.40	.36	.45	.40	.35	.45	.39	.35	.34



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2DEG
 Operators: Water
 Test Date: 2024-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 46%
 Test Distance: 2.519m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.06V I:0.0797A P:9.3800W PF:0.9803 Freq:60.00Hz		
Lamp Flux:782.532x1 lm		
NAME: ASD-LCLS-1A-9BK 5000K	TYPE: N/A	WEIGHT: N/A
SPEC.: LED Luminaires	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	.240	.137	.043	.233	.133	.042	.220	.126	.040	.208	.120	.039	.198	.114	.037	
2.0	.233	.128	.039	.227	.125	.039	.216	.120	.037	.206	.115	.036	.196	.111	.035	
3.0	.221	.118	.035	.216	.116	.035	.206	.112	.034	.197	.108	.033	.189	.104	.032	
4.0	.208	.108	.032	.204	.107	.032	.195	.103	.031	.187	.101	.030	.180	.098	.030	
5.0	.196	.100	.029	.192	.099	.029	.184	.096	.028	.177	.094	.028	.171	.091	.027	
6.0	.185	.093	.026	.181	.091	.026	.174	.089	.026	.168	.087	.026	.162	.085	.025	
7.0	.174	.086	.024	.171	.085	.024	.165	.083	.024	.159	.082	.024	.154	.080	.024	
8.0	.165	.080	.023	.162	.080	.022	.156	.078	.022	.151	.077	.022	.146	.075	.022	
9.0	.156	.075	.021	.153	.075	.021	.148	.073	.021	.144	.072	.021	.139	.071	.020	
10.0	.148	.071	.020	.145	.070	.020	.141	.069	.019	.137	.068	.019	.133	.067	.019	

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	.175	.157	.140	.150	.135	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.164	.132	.105	.141	.114	.091	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.155	.114	.081	.133	.098	.070	.091	.068	.049	.053	.040	.029	.017	.013	.010	
4.0	.147	.100	.064	.126	.086	.056	.087	.060	.039	.050	.035	.023	.016	.011	.008	
5.0	.139	.089	.052	.120	.077	.045	.082	.054	.032	.048	.032	.019	.015	.010	.006	
6.0	.132	.081	.043	.114	.070	.038	.079	.049	.027	.046	.029	.016	.015	.009	.005	
7.0	.126	.073	.037	.108	.064	.032	.075	.045	.023	.044	.026	.013	.014	.009	.004	
8.0	.120	.068	.031	.103	.059	.027	.072	.041	.019	.042	.024	.012	.013	.008	.004	
9.0	.115	.063	.027	.099	.054	.024	.069	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.110	.058	.024	.095	.051	.021	.066	.036	.015	.038	.021	.009	.012	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Water
 Test Date:2024-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:46%
 Test Distance:2.519m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.06V I:0.0797A P:9.3800W PF:0.9803 Freq:60.00Hz Lamp Flux:782.532x1 lm		
NAME: ASD-LCLS-1A-9BK 5000K	TYPE: N/A	WEIGHT: N/A
SPEC.:LED Luminaires	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	24.7	26.0	25.0	26.2	26.4	24.8	26.1	25.0	26.3	26.5
3H	25.4	26.5	25.6	26.8	27.0	25.4	26.6	25.7	26.8	27.1
4H	25.5	26.6	25.8	26.8	27.1	25.6	26.7	25.9	27.0	27.2
6H	25.5	26.5	25.8	26.8	27.0	25.6	26.7	25.9	26.9	27.2
8H	25.4	26.4	25.8	26.7	27.0	25.6	26.6	25.9	26.9	27.1
12H	25.4	26.3	25.7	26.6	26.9	25.5	26.5	25.9	26.8	27.1
4H 2H	25.0	26.1	25.3	26.3	26.6	25.0	26.2	25.3	26.4	26.6
3H	25.8	26.7	26.1	27.0	27.3	25.8	26.8	26.2	27.1	27.4
4H	26.0	26.8	26.3	27.1	27.5	26.1	27.0	26.4	27.3	27.6
6H	26.0	26.7	26.4	27.1	27.4	26.1	26.9	26.5	27.3	27.6
8H	25.9	26.6	26.3	27.0	27.4	26.1	26.8	26.5	27.2	27.6
12H	25.9	26.5	26.3	26.9	27.3	26.1	26.7	26.5	27.1	27.5
8H 4H	26.0	26.7	26.4	27.0	27.4	26.1	26.8	26.5	27.2	27.5
6H	26.0	26.6	26.5	27.0	27.4	26.2	26.8	26.6	27.2	27.6
8H	26.0	26.5	26.4	26.9	27.4	26.2	26.7	26.6	27.1	27.6
12H	26.0	26.4	26.4	26.8	27.3	26.2	26.6	26.6	27.0	27.5
12H 4H	25.9	26.6	26.4	27.0	27.4	26.1	26.7	26.5	27.1	27.5
6H	26.0	26.5	26.4	26.9	27.4	26.2	26.7	26.6	27.1	27.5
8H	26.0	26.4	26.4	26.9	27.3	26.2	26.6	26.6	27.0	27.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.8 / - 1.0					+ 0.7 / - 0.9				
1.5H	+ 0.7 / - 0.9					+ 0.6 / - 0.8				
2.0H	+ 1.7 / - 1.0					+ 1.6 / - 1.0				

CIE Pub.117, 782.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.9)
Area: 0.005024 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:Water
Test Date:2024-08-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity:46%
Test Distance:2.519m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.06V I:0.0797A P:9.3800W PF:0.9803 Freq:60.00Hz Lamp Flux:782.532x1 lm		
NAME: ASD-LCLS-1A-9BK 5000K	TYPE: N/A	WEIGHT: N/A
SPEC.:LED Luminaires	DIM.: N/A	SERIAL No.: N/A
MFR.:ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

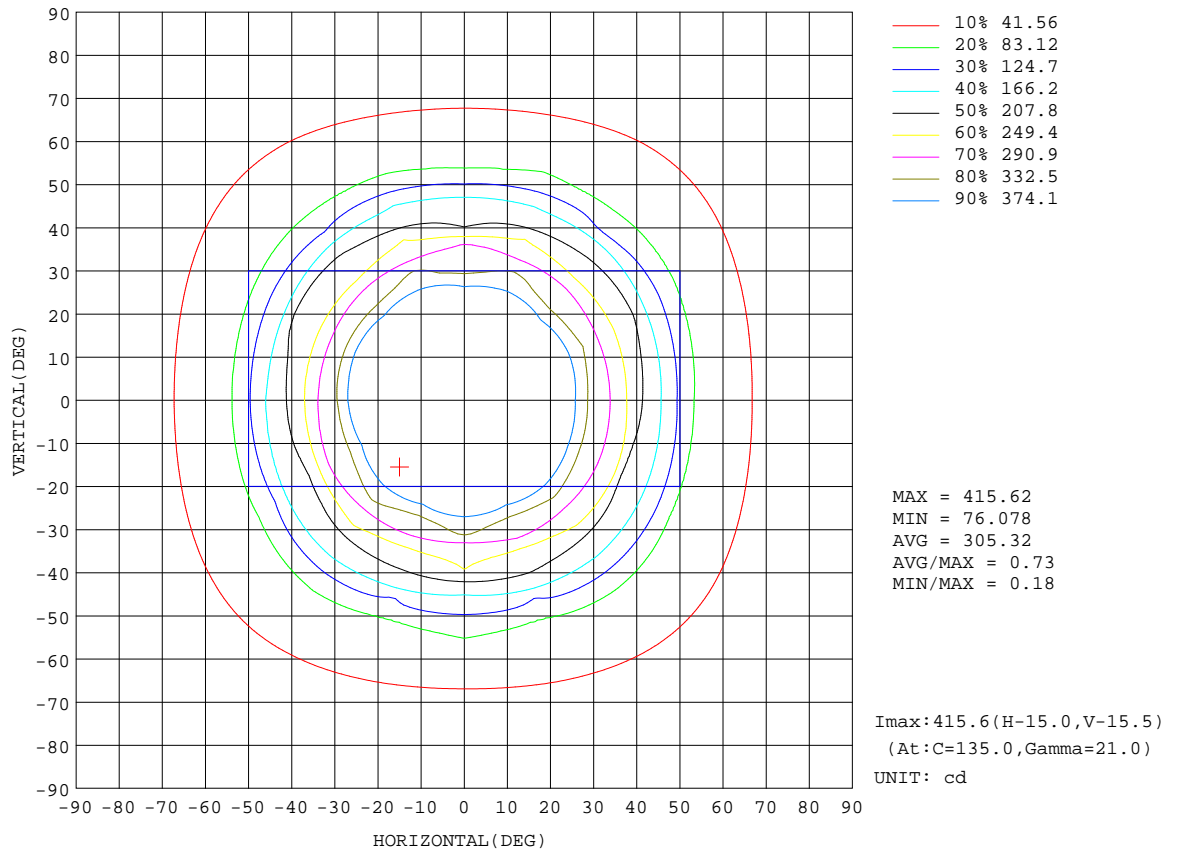
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	69	59	54	68	59	54	67	59	53	48
0.80	79	69	63	78	69	63	76	68	63	57
1.00	86	77	72	85	77	71	83	78	71	65
1.25	92	84	79	91	83	78	89	82	77	71
1.50	96	89	83	95	88	83	92	86	82	76
2.00	102	95	90	100	94	89	97	92	88	81
2.50	104	99	94	103	97	93	99	95	91	84
3.00	107	102	98	105	100	97	101	98	94	87
4.00	110	106	102	108	104	101	104	101	98	90
5.00	112	108	105	109	106	104	105	103	101	92
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:25.2DEG
 Operators:Water
 Test Date:2024-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:46%
 Test Distance:2.519m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.06V I:0.0797A P:9.3800W PF:0.9803 Freq:60.00Hz Lamp Flux:782.532x1 lm		
NAME: ASD-LCLS-1A-9BK 5000K	TYPE: N/A	WEIGHT: N/A
SPEC.:LED Luminaires	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A



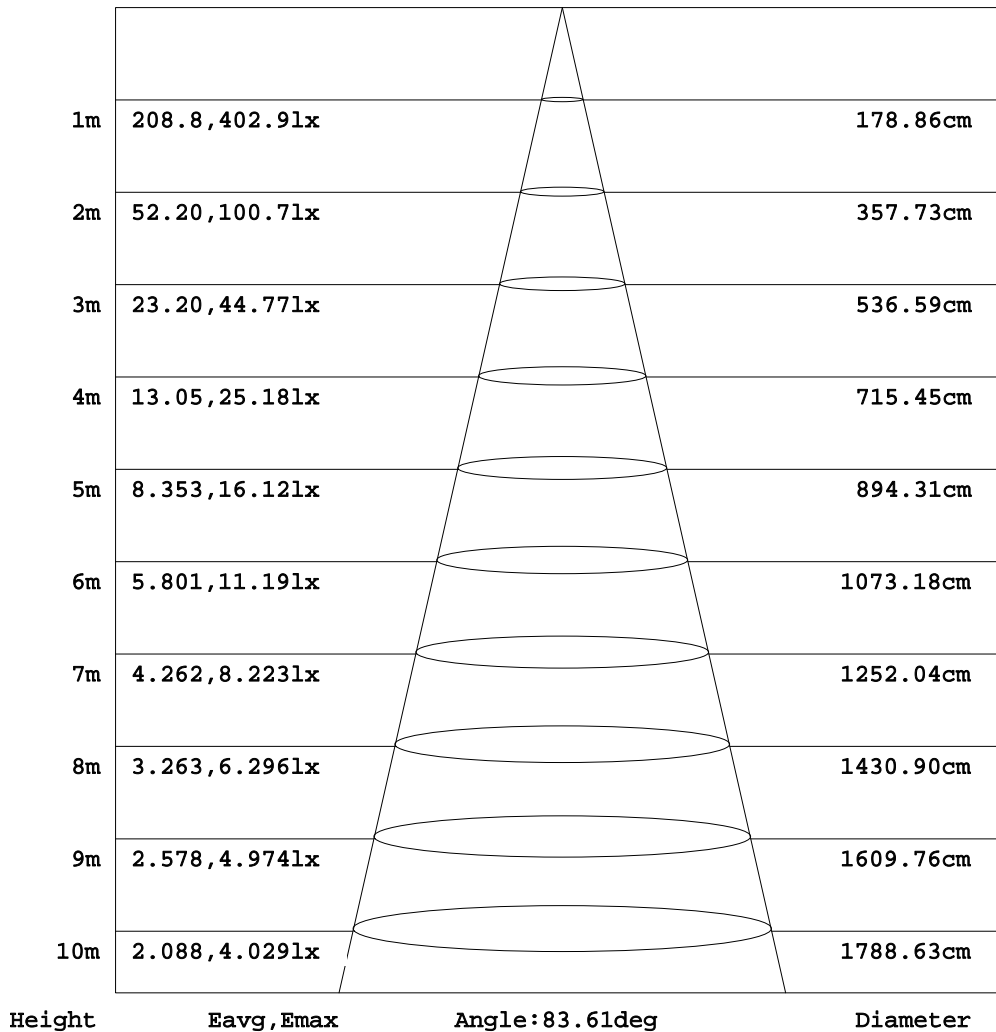
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2DEG
 Operators: Water
 Test Date: 2024-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 46%
 Test Distance: 2.519m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.06V I:0.0797A P:9.3800W PF:0.9803 Freq:60.00Hz Lamp Flux:782.532x1 lm		
NAME: ASD-LCLS-1A-9BK 5000K	TYPE: N/A	WEIGHT: N/A
SPEC.: LED Luminaires	DIM.: N/A	SERIAL No.: N/A
MFR.:ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

Flux out:531.9 lm



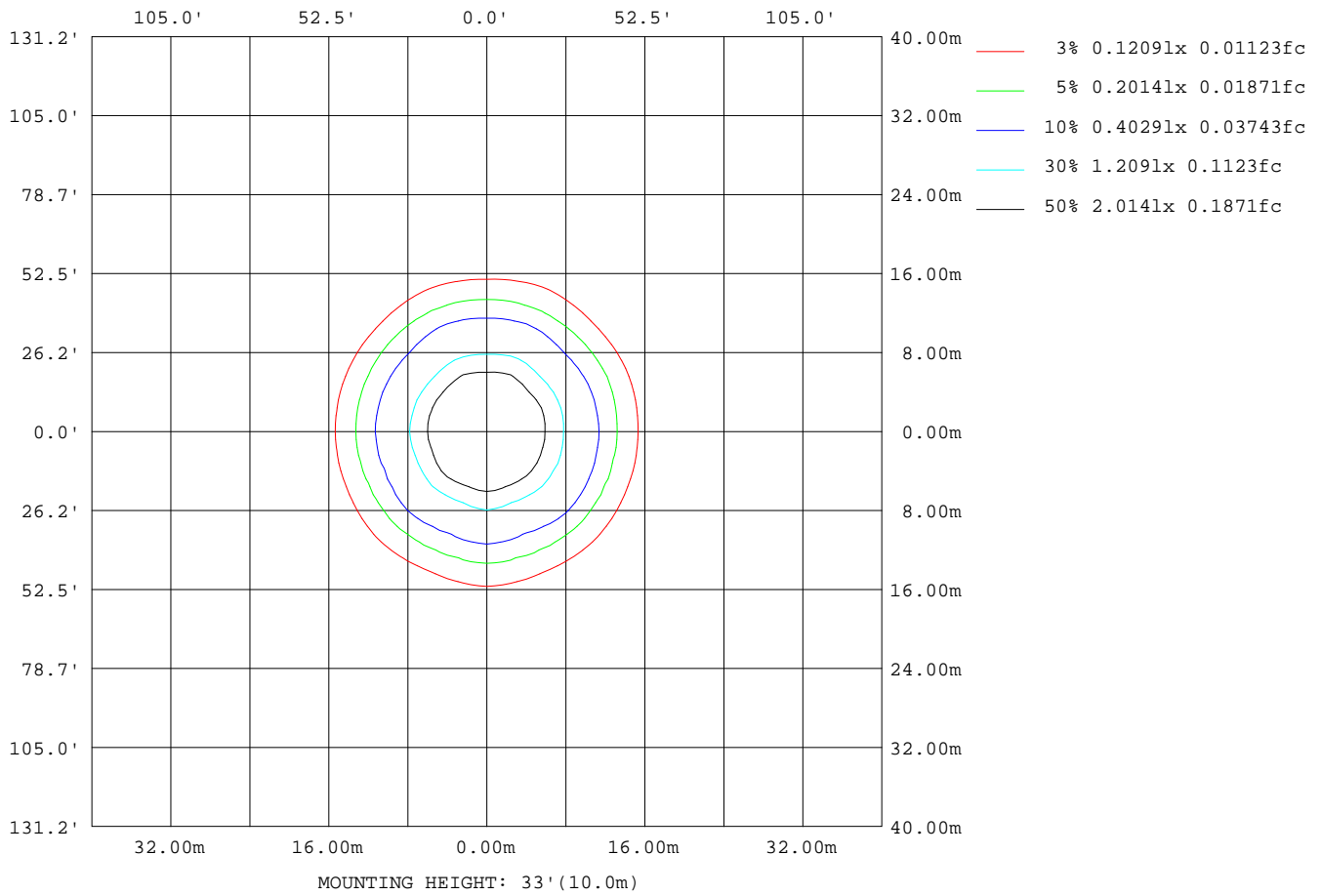
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:Water
Test Date:2024-08-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity:46%
Test Distance:2.519m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.06V I:0.0797A P:9.3800W PF:0.9803 Freq:60.00Hz Lamp Flux:782.532x1 lm		
NAME: ASD-LCLS-1A-9BK 5000K	TYPE: N/A	WEIGHT: N/A
SPEC.: LED Luminaires	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:25.2DEG
 Operators:Water
 Test Date:2024-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:46%
 Test Distance:2.519m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.06V I:0.0797A P:9.3800W PF:0.9803 Freq:60.00Hz Lamp Flux:782.532x1 lm		
NAME: ASD-LCLS-1A-9BK 5000K	TYPE: N/A	WEIGHT: N/A
SPEC.:LED Luminaires	DIM.: N/A	SERIAL No.: N/A
MFR.:ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

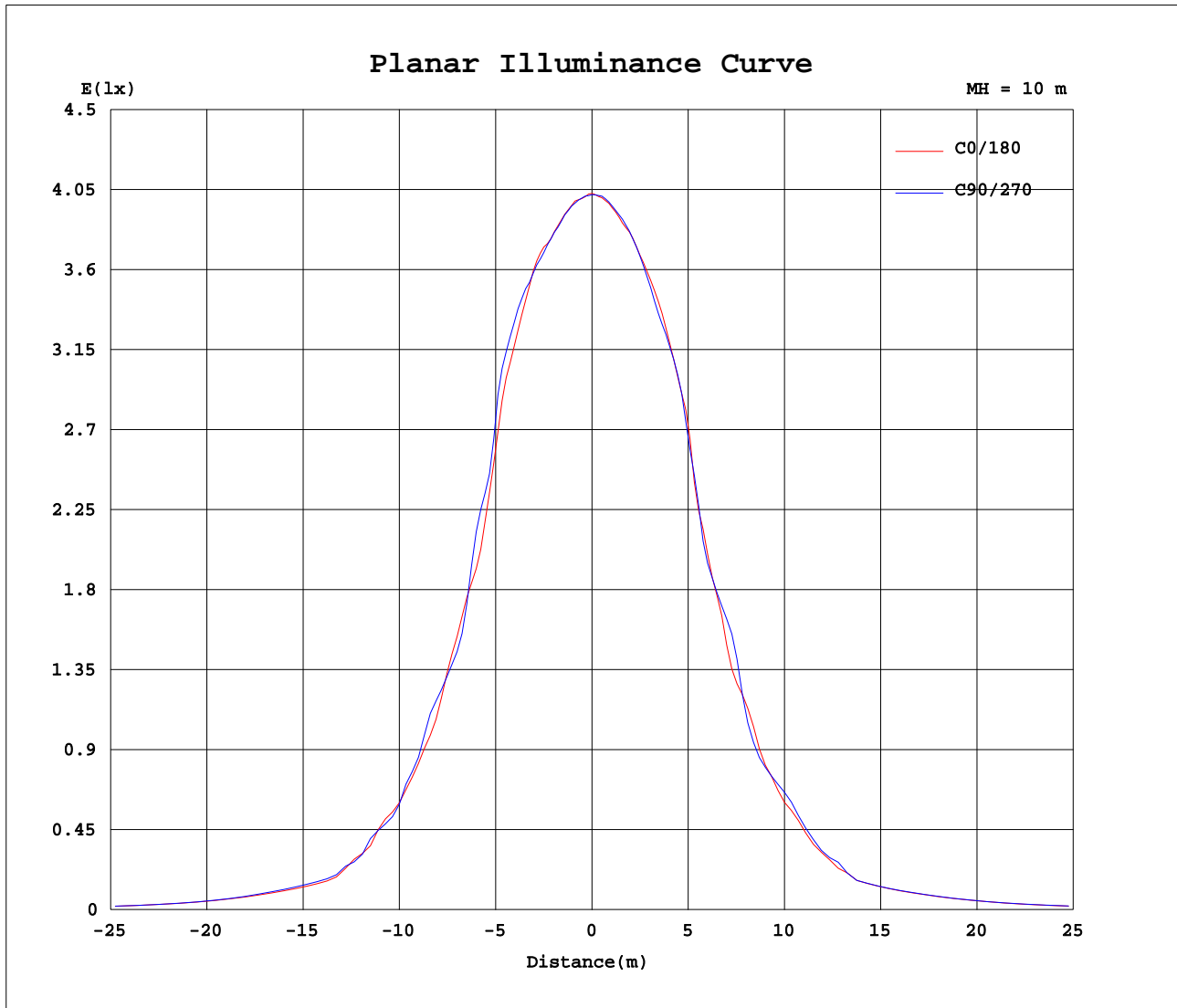
AvgL	cd/m2
L_0~180(65)av	23043
L_0~180(75)av	12562
L_0~180(85)av	965
L_90~270(65)av	23398
L_90~270(75)av	14153
L_90~270(85)av	2628
L_45(65)av	23320
L_45(75)av	13813
L_45(85)av	1792

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Water
 Test Date:2024-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:46%
 Test Distance:2.519m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2DEG
 Operators: Water
 Test Date: 2024-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 46%
 Test Distance: 2.519m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.06V I:0.0797A P:9.3800W PF:0.9803 Freq:60.00Hz Lamp Flux:782.532x1 lm		
NAME: ASD-LCLS-1A-9BK 5000K	TYPE: N/A	WEIGHT: N/A
SPEC.: LED Luminaires	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	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403			
5	403	401	401	403	402	401	402	402	402	402	401	402	403	402	403	403			
10	402	405	402	403	402	401	401	403	401	403	402	404	403	400	404	402			
15	409	405	413	401	407	400	405	403	403	408	401	414	402	410	404	411			
20	403	398	414	393	415	394	415	400	404	411	395	413	397	409	397	411			
25	384	387	405	384	409	383	407	384	390	398	385	410	390	409	380	400			
30	312	320	335	313	347	309	345	314	329	331	324	345	320	350	311	333			
35	279	278	280	277	264	270	278	284	270	265	273	285	298	289	288	280			
40	218	202	233	218	246	217	219	200	229	224	220	247	210	247	218	234			
45	170	175	169	184	168	180	173	174	171	178	180	174	187	174	185	182			
50	119	121	119	118	118	119	120	120	122	121	119	133	126	135	119	124			
55	77.2	77.5	79.9	78.1	83.6	77.3	80.8	77.5	78.4	79.0	78.2	81.8	79.0	83.3	78.6	80.1			
60	66.1	66.5	67.7	66.5	70.2	65.8	68.5	66.4	67.2	67.3	67.3	70.3	68.2	71.7	67.5	68.1			
65	47.8	48.6	48.5	49.0	48.4	48.5	48.1	48.9	50.0	49.8	50.7	50.3	51.0	50.6	50.7	49.7			
70	30.6	31.4	31.8	32.3	31.7	31.9	31.4	31.3	32.2	32.9	33.9	33.7	34.2	33.9	34.0	32.4			
75	15.7	16.4	17.0	17.8	17.4	17.6	16.9	16.3	17.0	17.6	19.1	19.0	19.4	19.2	18.9	17.2			
80	4.99	5.38	6.27	7.03	6.76	6.91	6.18	5.26	5.69	6.37	7.47	7.90	8.16	7.99	7.32	6.18			
85	0.38	0.40	0.54	1.09	0.66	1.12	0.60	0.40	0.47	0.52	1.03	1.45	1.65	1.43	0.97	0.47			
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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