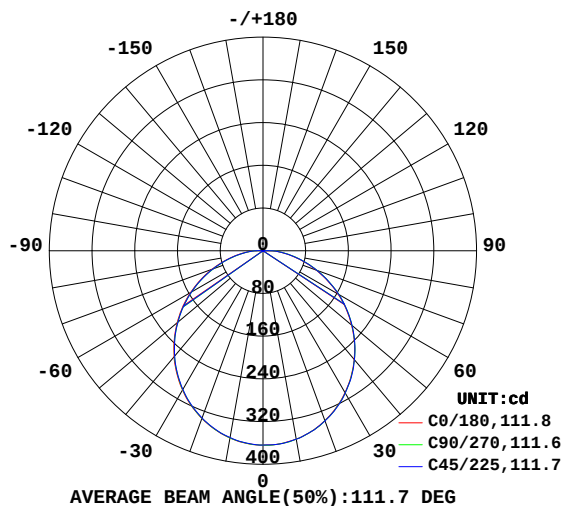


LUMINAIRE PHOTOMETRIC TEST REPORT

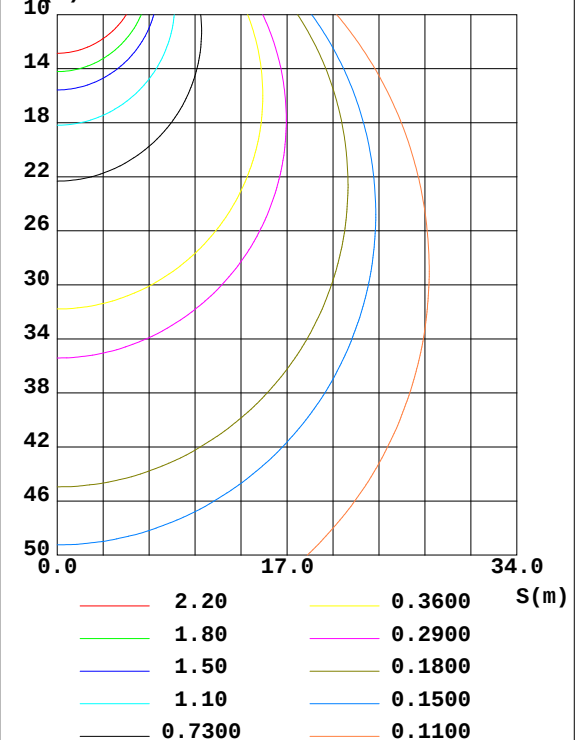
Test:U:120.08V I:0.1290A P:14.240W PF:0.9193 Freq:60.00Hz Lamp Flux:1065.17x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: 43849WH5CCT	DIM.: N/A	SERIAL No.: N/A
MFR.: Kichler	SUR.: N/A	Shielding Angle: N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 74.80 lm/W			
MODEL	PRE-2402T76176E-EE	Imax(cd)	364.5	S/MH(C0/180)	1.25
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1065.2	η UP, DN(C0-180)	0.4, 48.8
NOMINAL FLUX(lm)	1065.17	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.4, 50.4
LAMPS INSIDE	1	η up(%)	0.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	99.2	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Water
Test Date:2024-05-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity:43%
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	356.0	355.2	356.1	356.4	358.2	358.2	358.3	357.3	0- 10	34.39	34.39	3.23, 3.23
20	334.4	333.7	334.1	335.3	338.7	339.2	338.9	337.5	10- 20	98.23	132.6	12.5, 12.5
30	301.4	300.0	300.7	302.6	307.1	307.9	307.7	305.5	20- 30	148.1	280.8	26.4, 26.4
40	259.1	257.5	257.8	259.7	265.8	266.3	266.3	264.1	30- 40	177.6	458.4	43, 43
50	210.0	208.0	208.1	210.4	216.5	217.8	217.6	215.4	40- 50	183.7	642.1	60.3, 60.3
60	156.6	154.8	154.4	156.3	162.5	163.9	164.4	162.3	50- 60	166.7	808.8	75.9, 75.9
70	101.6	99.92	99.19	100.5	106.0	107.2	108.0	106.6	60- 70	129.9	938.8	88.1, 88.1
80	51.12	49.80	48.76	49.31	54.19	55.49	56.41	55.73	70- 80	81.68	1020	95.8, 95.8
90	16.29	15.43	14.62	14.64	17.03	17.71	18.47	18.65	80- 90	35.80	1056	99.2, 99.2
100	2.822	2.465	0.2564	2.232	2.780	2.770	0.1157	3.147	90-100	5.285	1062	99.7, 99.7
110	0.4322	0.6496	0.8541	0.6921	1.237	0.6146	0.5141	0.5374	100-110	1.164	1063	99.8, 99.8
120	0.3233	0.3652	0.8463	0.5975	0.4780	0.4158	0.3422	0.2333	110-120	0.5787	1063	99.8, 99.8
130	0.2912	0.5501	0.8216	0.6928	0.6032	0.3712	0.3760	0.3044	120-130	0.3823	1064	99.9, 99.9
140	0.5591	0.8290	1.102	0.8912	0.4942	0.6320	0.5081	0.4180	130-140	0.4274	1064	99.9, 99.9
150	0.7695	0.8788	1.095	0.9979	0.5955	0.6570	0.5637	0.4570	140-150	0.4432	1065	99.9, 99.9
160	0.9593	0.7498	1.128	1.090	0.6577	0.6515	0.6037	0.5626	150-160	0.3357	1065	100, 100
170	0.7336	0.7698	1.252	1.204	0.8615	0.7509	0.7189	0.5182	160-170	0.2330	1065	100, 100
180	0.4984	0.4638	0.4537	0.4830	0.4998	0.4640	0.4539	0.4840	170-180	0.0790	1065	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 550.98 lm

%lum = 51.7%

%lamp = 51.7%

Conical surface Flux(120deg): 808.84 lm

%lum = 75.9%

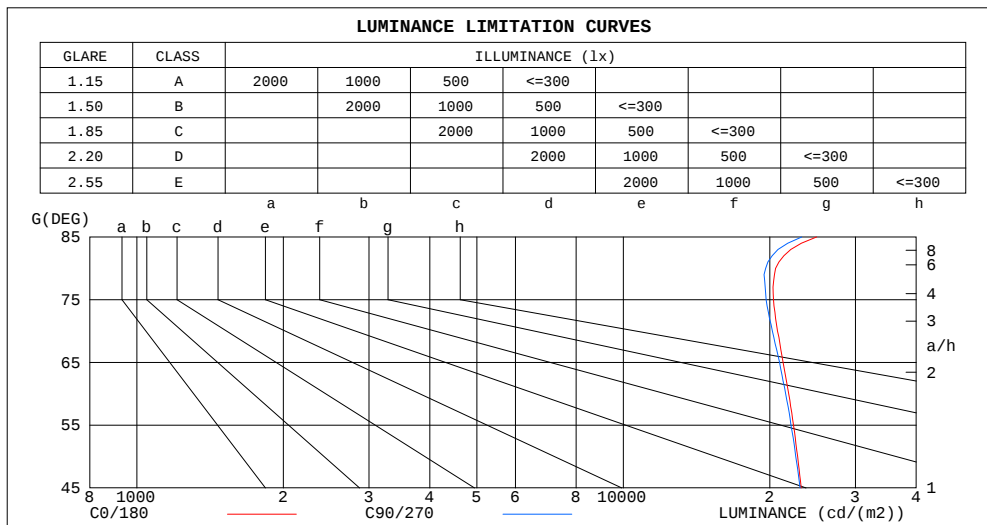
%lamp = 75.9%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Water
 Test Date: 2024-05-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.446
 Humidity: 43%
 Test Distance: 2.519m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.08V I:0.1290A P:14.240W PF:0.9193 Freq:60.00Hz Lamp Flux:1065.17x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: N/A	DIM.: N/A	SERIAL No.: N/A
MFR.: Kichler	SUR.: N/A	Shielding Angle: N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	24959	23261
80	20559	19612
75	20350	19656
70	20738	20256
65	21307	20943
60	21873	21565
55	22386	22105
50	22821	22612
45	23214	23088

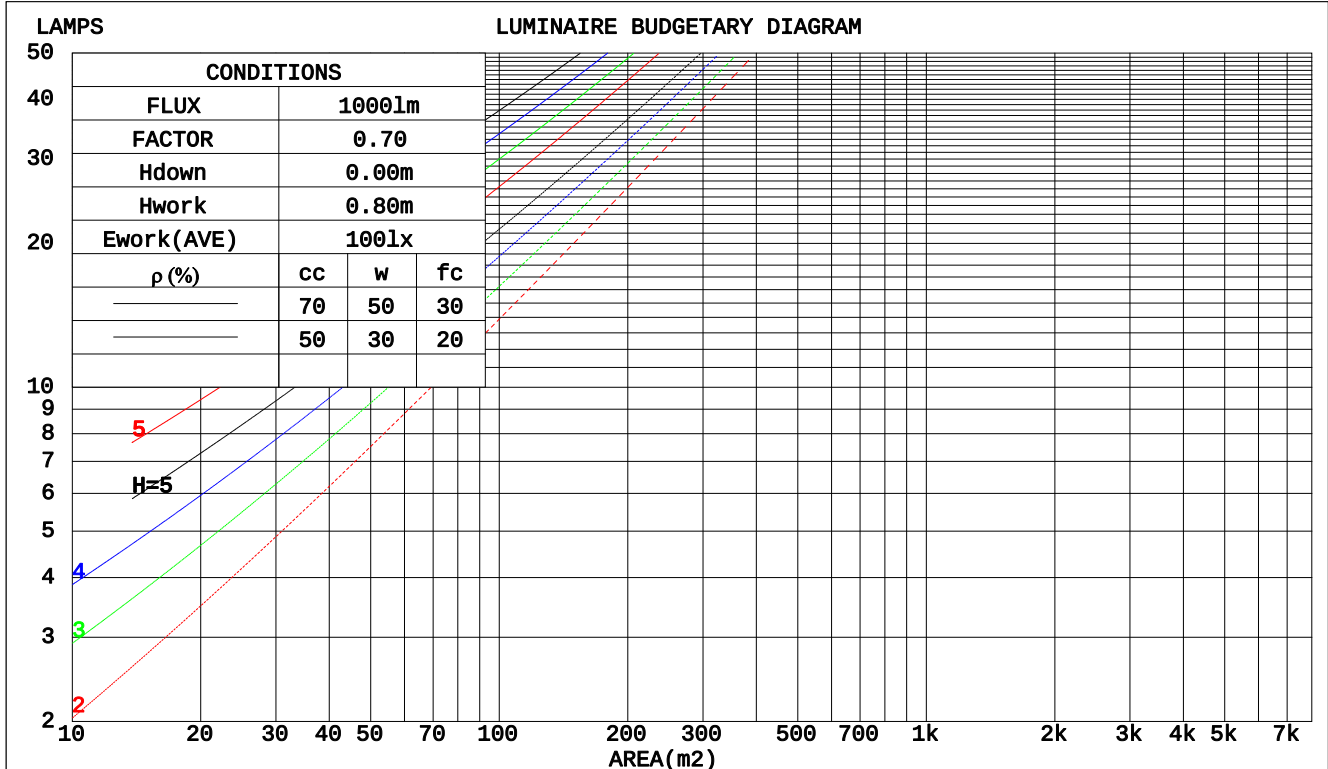
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Water
Test Date:2024-05-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity:43%
Test Distance:2.519m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.08V I:0.1290A P:14.240W PF:0.9193 Freq:60.00Hz Lamp Flux:1065.17x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: N/A	DIM.: N/A	SERIAL No.: N/A
MFR.: Kichler	SUR.: N/A	Shielding Angle: N/A

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	1.01	1.01	1.01	.99
1.0	1.03	.98	.94	1.00	.96	.92	.96	.92	.89	.92	.89	.86	.88	.86	.84	.81
2.0	.89	.82	.76	.87	.81	.75	.83	.78	.73	.80	.75	.71	.77	.73	.70	.67
3.0	.78	.70	.63	.76	.69	.62	.73	.67	.61	.70	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.53	.68	.59	.53	.65	.58	.52	.63	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.46	.61	.52	.45	.58	.51	.45	.56	.50	.44	.54	.48	.44	.42
6.0	.56	.46	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Water
Test Date:2024-05-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity:43%
Test Distance:2.519m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.08V I:0.1290A P:14.240W PF:0.9193 Freq:60.00Hz Lamp Flux:1065.17x1 lm									
NAME: LED Luminaire				TYPE: N/A			WEIGHT: N/A		
SPEC.: N/A				DIM.: N/A			SERIAL No.: N/A		
MFR.: Kichler				SUR.: N/A			Shielding Angle: N/A		

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.328	.187	.059	.321	.183	.058	.307	.176	.056	.294	.170	.054	.283	.164	.053		
2.0	.302	.165	.051	.295	.163	.050	.283	.157	.049	.272	.152	.048	.261	.148	.047		
3.0	.276	.147	.044	.271	.145	.044	.260	.141	.043	.250	.137	.042	.241	.133	.041		
4.0	.254	.132	.039	.248	.130	.038	.239	.127	.038	.230	.123	.037	.222	.120	.037		
5.0	.233	.119	.034	.229	.118	.034	.220	.115	.034	.212	.112	.033	.205	.110	.033		
6.0	.216	.108	.031	.212	.107	.031	.204	.105	.030	.197	.102	.030	.190	.100	.030		
7.0	.201	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.178	.092	.027		
8.0	.187	.091	.026	.184	.091	.026	.178	.089	.025	.172	.087	.025	.167	.085	.025		
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.161	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.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	.197	.197	.197	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.188	.162	.139	.161	.139	.120	.110	.096	.083	.063	.055	.048	.020	.018	.016	
2.0	.180	.138	.103	.154	.119	.089	.106	.082	.062	.061	.048	.037	.020	.016	.012	
3.0	.172	.121	.080	.148	.104	.069	.101	.072	.049	.059	.042	.029	.019	.014	.009	
4.0	.164	.108	.064	.141	.093	.056	.097	.065	.039	.056	.038	.023	.018	.012	.008	
5.0	.157	.097	.053	.135	.084	.046	.093	.059	.033	.054	.035	.019	.017	.011	.006	
6.0	.150	.089	.045	.129	.077	.040	.089	.054	.028	.051	.032	.017	.017	.010	.005	
7.0	.143	.082	.040	.123	.071	.034	.085	.050	.024	.049	.029	.015	.016	.010	.005	
8.0	.136	.076	.035	.117	.066	.031	.081	.046	.022	.047	.027	.013	.015	.009	.004	
9.0	.130	.071	.032	.112	.062	.028	.078	.044	.020	.045	.026	.012	.015	.008	.004	
10.0	.124	.067	.029	.107	.058	.025	.074	.041	.018	.043	.024	.011	.014	.008	.004	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Water
Test Date:2024-05-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity:43%
Test Distance:2.519m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.08V I:0.1290A P:14.240W PF:0.9193 Freq:60.00Hz Lamp Flux:1065.17x1 lm										
NAME: LED Luminaire					TYPE: N/A			WEIGHT: N/A		
SPEC.: N/A					DIM.: N/A			SERIAL No.: N/A		
MFR.: Kichler					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	23.3	24.8	23.6	25.0	25.2	23.2	24.7	23.5	25.0	25.2
3H	24.9	26.3	25.2	26.5	26.8	24.8	26.2	25.1	26.5	26.7
4H	25.6	26.9	25.9	27.2	27.5	25.5	26.8	25.8	27.1	27.4
6H	26.2	27.4	26.5	27.7	28.0	26.0	27.3	26.4	27.6	27.9
8H	26.4	27.7	26.8	27.9	28.3	26.3	27.5	26.6	27.8	28.1
12H	26.7	27.8	27.0	28.2	28.5	26.5	27.7	26.8	28.0	28.3
4H 2H	23.9	25.2	24.2	25.5	25.8	23.8	25.2	24.2	25.5	25.7
3H	25.7	26.9	26.0	27.2	27.5	25.6	26.8	26.0	27.1	27.4
4H	26.5	27.6	26.9	27.9	28.3	26.4	27.5	26.8	27.8	28.2
6H	27.3	28.2	27.7	28.6	29.0	27.1	28.1	27.5	28.5	28.9
8H	27.6	28.5	28.0	28.9	29.3	27.4	28.3	27.9	28.7	29.1
12H	27.9	28.8	28.4	29.2	29.6	27.7	28.6	28.2	29.0	29.4
8H 4H	26.8	27.7	27.3	28.1	28.5	26.7	27.6	27.2	28.0	28.4
6H	27.8	28.5	28.2	28.9	29.4	27.6	28.4	28.1	28.8	29.3
8H	28.2	28.9	28.7	29.3	29.8	28.1	28.8	28.6	29.2	29.7
12H	28.7	29.3	29.2	29.7	30.2	28.5	29.1	29.0	29.6	30.1
12H 4H	26.9	27.7	27.3	28.1	28.5	26.8	27.6	27.2	28.0	28.4
6H	27.9	28.5	28.3	29.0	29.5	27.7	28.4	28.2	28.9	29.3
8H	28.4	29.0	28.9	29.4	29.9	28.2	28.8	28.7	29.3	29.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 1065 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.2$)
Area: 0.0143066 m²

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Water
Test Date:2024-05-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity:43%
Test Distance:2.519m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.08V I:0.1290A P:14.240W PF:0.9193 Freq:60.00Hz Lamp Flux:1065.17x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: N/A	DIM.: N/A	SERIAL No.: N/A
MFR.: Kichler	SUR.: N/A	Shielding Angle: N/A

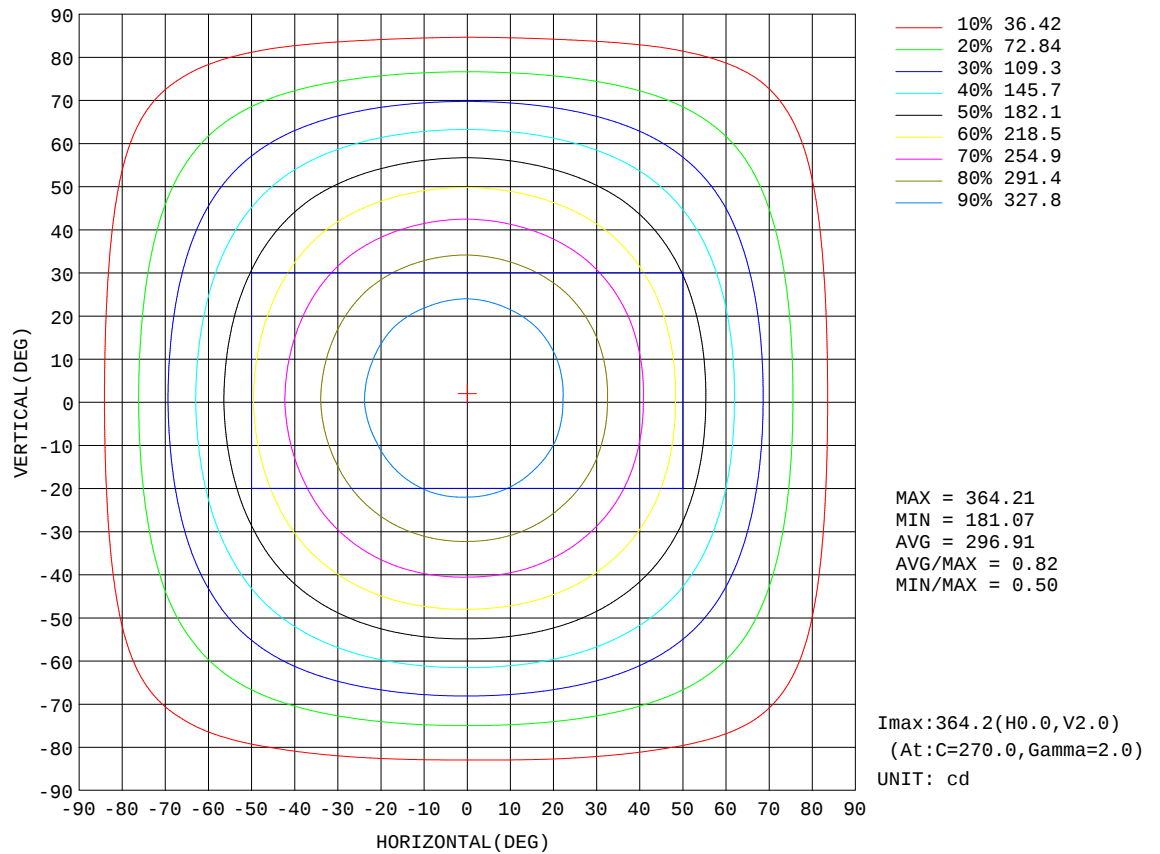
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	47	65	54	47	64	53	47	40
1.00	75	63	56	74	63	56	71	64	55	48
1.25	82	71	64	80	70	63	78	69	62	55
1.50	87	77	69	85	76	69	82	74	68	60
2.00	94	85	78	92	84	77	88	81	76	68
2.50	98	89	83	96	88	82	92	85	80	72
3.00	101	94	88	99	92	87	95	89	85	76
4.00	105	99	94	103	97	93	98	94	90	81
5.00	108	102	98	105	100	96	100	97	93	84
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:25.1DEG
Operators:Water
Test Date:2024-05-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity:43%
Test Distance:2.519m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.08V I:0.1290A P:14.240W PF:0.9193 Freq:60.00Hz Lamp Flux:1065.17x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: N/A	DIM.: N/A	SERIAL No.: N/A
MFR.: Kichler	SUR.: N/A	Shielding Angle: N/A

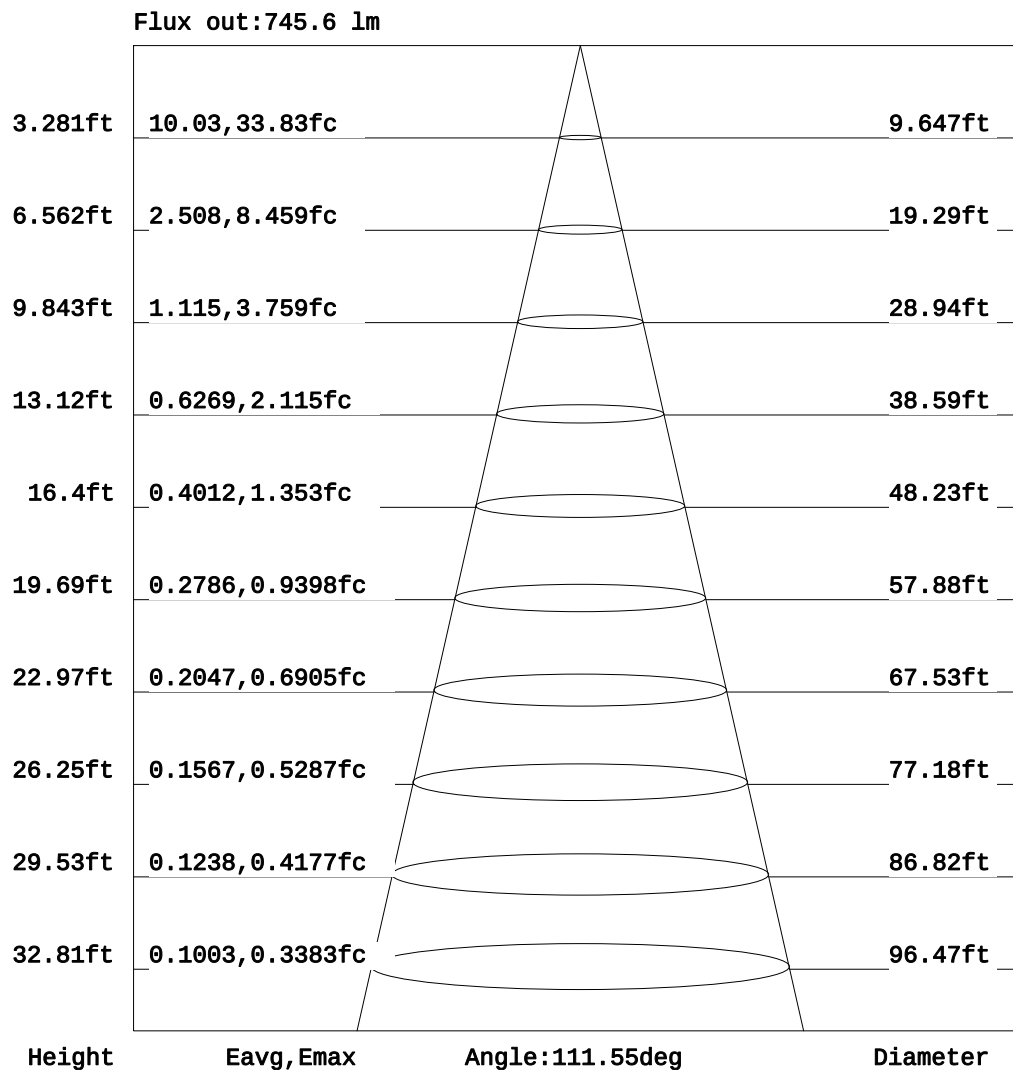


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Water
Test Date: 2024-05-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity: 43%
Test Distance: 2.519m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.08V I:0.1290A P:14.240W PF:0.9193 Freq:60.00Hz Lamp Flux:1065.17x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: N/A	DIM.: N/A	SERIAL No.: N/A
MFR.: Kichler	SUR.: N/A	Shielding Angle: N/A



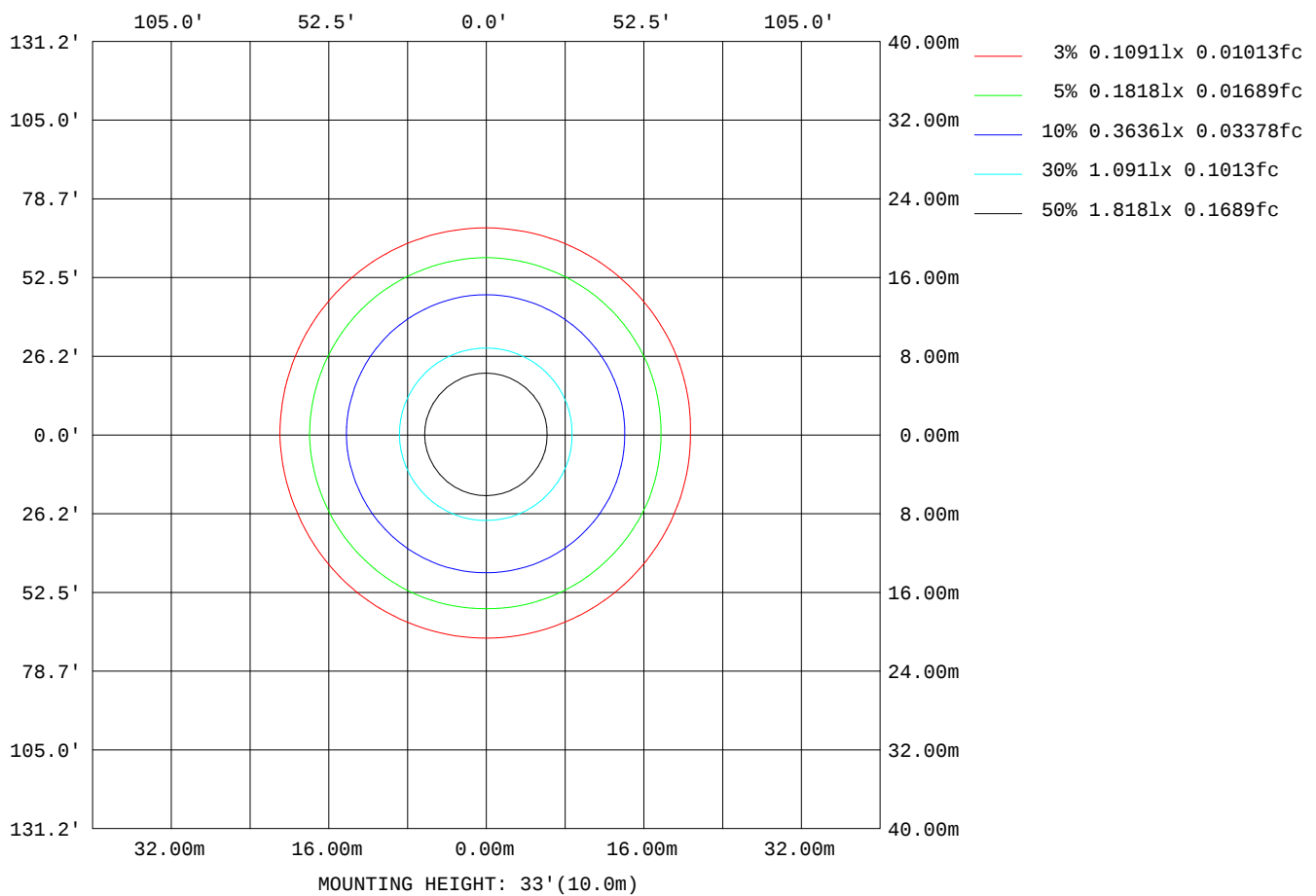
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Water
Test Date:2024-05-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity:43%
Test Distance:2.519m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.08V I:0.1290A P:14.240W PF:0.9193 Freq:60.00Hz Lamp Flux:1065.17x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: N/A	DIM.: N/A	SERIAL No.: N/A
MFR.: Kichler	SUR.: N/A	Shielding Angle: N/A



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Water
Test Date: 2024-05-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity: 43%
Test Distance: 2.519m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.08V I:0.1290A P:14.240W PF:0.9193 Freq:60.00Hz Lamp Flux:1065.17x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: N/A	DIM.: N/A	SERIAL No.: N/A
MFR.: Kichler	SUR.: N/A	Shielding Angle: N/A

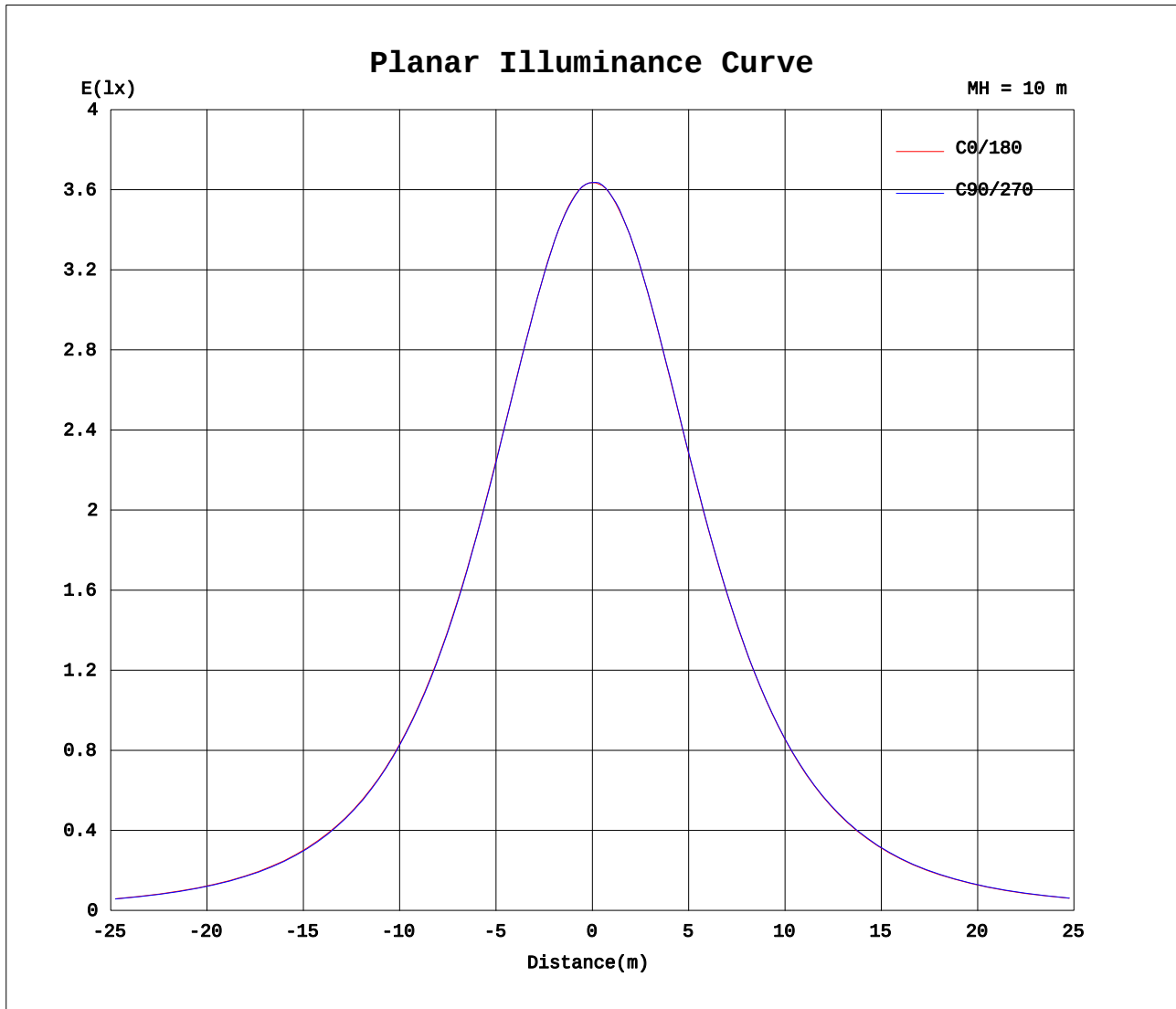
AvgL	cd/m2
L_0~180(65)av	21716
L_0~180(75)av	20856
L_0~180(85)av	25739
L_90~270(65)av	21671
L_90~270(75)av	20805
L_90~270(85)av	25672
L_45(65)av	21681
L_45(75)av	20806
L_45(85)av	25665

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Water
Test Date:2024-05-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity:43%
Test Distance:2.519m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Water
Test Date: 2024-05-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity: 43%
Test Distance: 2.519m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.08V I:0.1290A P:14.240W PF:0.9193 Freq:60.00Hz Lamp Flux:1065.17x1 lm																	
NAME: LED Luminaire									TYPE: N/A						WEIGHT: N/A		
SPEC.: N/A									DIM.: N/A						SERIAL No.: N/A		
MFR.: Kichler									SUR.: N/A						Shielding Angle: N/A		

Table--1

UNIT: cd

C(°) \ γ (°)	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	364	364	364	364	364	364	364	364	364	364	364	364	364	364	364	364			
5	362	361	361	361	362	361	362	362	363	362	363	363	363	362	362	362			
10	356	356	355	355	356	356	356	357	358	358	358	358	358	358	357	356			
15	347	346	346	346	347	347	348	348	350	350	351	350	350	349	349	348			
20	334	334	334	333	334	334	335	337	339	339	339	338	339	338	338	336			
25	319	319	318	318	319	319	321	322	324	324	325	324	325	323	323	321			
30	301	301	300	300	301	301	303	304	307	307	308	307	308	306	306	304			
35	281	281	280	280	280	281	282	284	287	287	288	288	288	286	286	284			
40	259	259	257	258	258	259	260	262	266	265	266	266	266	264	264	262			
45	235	235	234	234	234	235	236	238	242	242	243	242	243	241	241	238			
50	210	210	208	208	208	209	210	212	217	216	218	217	218	216	215	214			
55	184	184	182	182	182	183	184	185	190	190	191	191	191	190	189	187			
60	157	156	155	155	154	156	156	158	162	162	164	164	164	163	162	160			
65	129	128	127	126	127	127	128	129	134	134	135	136	135	135	134	133			
70	102	101	99.9	99.1	99.2	99.5	101	102	106	106	107	108	108	107	107	105			
75	75.4	75.0	73.8	73.1	72.8	73.1	73.8	75.1	79.0	79.3	80.4	80.8	81.2	80.7	80.2	78.9			
80	51.1	51.3	49.8	49.5	48.8	49.3	49.3	50.7	54.2	54.3	55.5	55.8	56.4	55.9	55.7	54.5			
85	31.1	31.2	30.0	29.8	29.0	29.4	29.2	30.3	33.0	32.9	34.0	34.1	35.0	34.6	34.7	33.6			
90	16.3	12.5	15.4	15.2	14.6	14.9	14.6	11.9	17.0	17.0	17.7	17.8	18.5	18.4	18.6	18.0			
95	4.84	7.12	0.19	0.11	0.17	0.12	0.16	6.46	1.42	6.66	0.05	3.38	0.85	2.76	0.05	2.11			
100	2.82	2.82	2.46	0.77	0.26	0.97	2.23	2.46	2.78	2.69	2.77	0.48	0.12	0.71	3.15	3.11			
105	1.16	1.18	0.96	0.57	0.90	0.66	0.93	1.23	1.30	1.20	0.98	0.53	0.82	0.51	1.07	1.18			
110	0.43	0.74	0.65	0.57	0.85	0.67	0.69	1.08	1.24	1.00	0.61	0.49	0.51	0.36	0.54	0.68			
115	0.53	0.60	0.45	0.61	0.88	0.68	0.63	0.79	0.97	0.69	0.45	0.38	0.41	0.29	0.35	0.48			
120	0.32	0.41	0.37	0.65	0.85	0.65	0.60	0.64	0.48	0.44	0.42	0.38	0.34	0.22	0.23	0.31			
125	0.23	0.26	0.42	0.70	0.76	0.64	0.61	0.47	0.47	0.39	0.32	0.34	0.26	0.24	0.23	0.17			
130	0.29	0.32	0.55	0.76	0.82	0.72	0.69	0.52	0.60	0.26	0.37	0.31	0.38	0.30	0.30	0.22			
135	0.41	0.48	0.70	0.82	1.07	0.81	0.78	0.52	0.17	0.48	0.50	0.45	0.47	0.35	0.36	0.17			
140	0.56	0.49	0.83	2.09	1.10	0.89	0.89	0.49	0.49	0.49	0.63	0.49	0.51	0.43	0.42	0.34			
145	0.67	0.56	0.92	1.07	1.17	1.03	0.85	0.87	0.58	0.51	0.37	0.72	0.55	0.49	0.33	0.43			
150	0.77	0.83	0.88	1.08	1.10	1.02	1.00	0.94	0.60	0.41	0.66	0.38	0.56	0.36	0.46	0.49			
155	0.88	0.93	0.69	0.99	1.08	1.08	0.78	1.24	0.33	0.48	0.60	0.65	0.48	0.37	0.47	0.56			
160	0.96	0.96	0.75	0.80	1.13	0.89	1.09	1.05	0.66	0.64	0.65	0.64	0.60	0.28	0.56	0.46			
165	0.93	0.88	0.68	1.01	0.96	1.22	1.26	1.17	0.80	0.48	0.72	0.83	0.84	0.62	0.33	0.48			
170	0.73	0.70	0.77	0.94	1.25	1.19	1.20	0.99	0.86	0.59	0.75	1.97	0.72	0.76	0.52	0.50			
175	0.80	1.39	0.64	0.66	0.88	0.96	0.97	0.85	0.82	0.69	0.55	0.75	0.71	0.61	0.62	0.65			
180	0.50	0.48	0.46	0.45	0.45	0.46	0.48	0.49	0.50	0.48	0.46	0.45	0.45	0.46	0.48	0.49			

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