

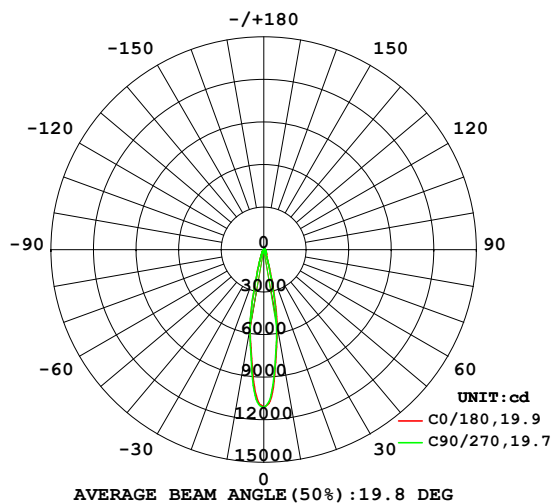
TLO025-11 36V600mA CXA1820-30G-H-NOY 19.8D 3000K CRI93 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

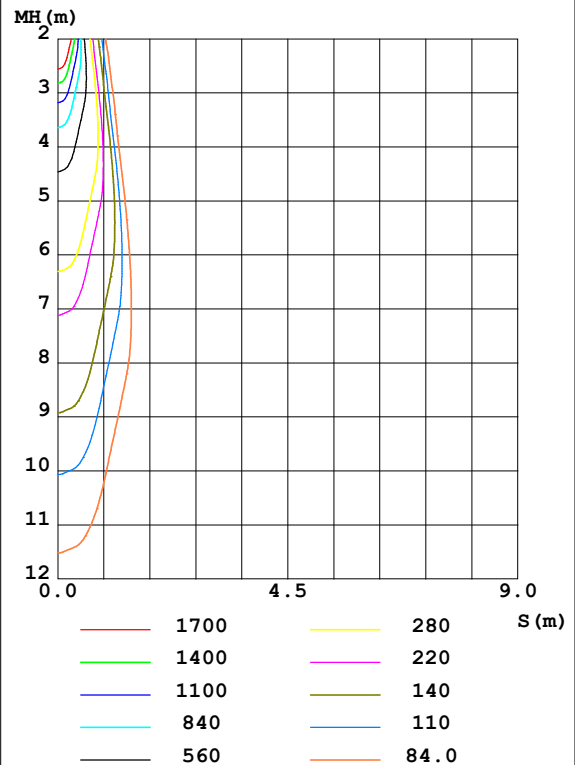
NAME: TLO025-11	TYPE:19.8D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.98 lm/W			
MODEL		I _{max} (cd)	11109	S/MH(C0/180)	0.34
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	0.35
RATED VOLTAGE(V)	110	TOTAL FLUX(lm)	1888.7	η UP,DN(C0-180)	1.2,47.9
NOMINAL FLUX(lm)	1888.71	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,49.7
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	110	η down(%)	97.6	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:CJY
Test Date:2024-08-14

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO025-11 36V600mA CXA1820-30G-H-NOY 19.8D 3000K CRI93 NA

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	549.0	518.7	528.5	546.5	557.6	574.4	564.0	558.2	0- 10	733.2	733.2	38.8,38.8
20	87.11	80.99	80.03	86.36	90.12	93.71	88.03	89.40	10- 20	649.8	1383	73.2,73.2
30	26.83	24.57	23.82	25.67	27.15	26.86	25.49	26.56	20- 30	214.0	1597	84.6,84.6
40	11.52	10.90	10.76	11.42	11.56	11.43	10.99	11.48	30- 40	106.4	1703	90.2,90.2
50	6.232	5.795	5.891	5.942	6.143	6.067	5.950	6.120	40- 50	63.25	1767	93.5,93.5
60	3.732	3.574	3.635	3.670	3.779	3.747	3.670	3.721	50- 60	42.25	1809	95.8,95.8
70	1.594	1.554	1.570	1.598	1.636	1.654	1.600	1.596	60- 70	25.56	1834	97.1,97.1
80	0.1260	0.1019	0.1084	0.1151	0.1211	0.1402	0.1310	0.1217	70- 80	7.696	1842	97.5,97.5
90	0.0537	0.0531	0.0539	0.0530	0.0480	0.0463	0.0475	0.0462	80- 90	0.5484	1843	97.6,97.6
100	0.0766	0.0762	0.0760	0.0759	0.0746	0.0717	0.0729	0.0724	90-100	0.6712	1843	97.6,97.6
110	0.1146	0.1134	0.1115	0.1127	0.1101	0.1054	0.1052	0.1072	100-110	0.9582	1844	97.6,97.6
120	0.1979	0.1964	0.1918	0.1938	0.1825	0.1725	0.1714	0.1772	110-120	1.395	1846	97.7,97.7
130	0.5243	0.5374	0.5258	0.5238	0.4795	0.4468	0.4492	0.4641	120-130	2.658	1848	97.9,97.9
140	1.466	1.502	1.491	1.482	1.386	1.337	1.349	1.369	130-140	6.916	1855	98.2,98.2
150	2.435	2.464	2.468	2.460	2.396	2.370	2.381	2.387	140-150	12.19	1867	98.9,98.9
160	2.709	2.700	2.771	2.751	2.765	2.751	2.774	2.706	150-160	12.20	1880	99.5,99.5
170	2.113	2.075	2.181	2.201	2.259	2.234	2.205	2.085	160-170	7.265	1887	99.9,99.9
180	1.573	1.606	1.544	1.593	1.575	1.607	1.545	1.593	170-180	1.801	1889	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

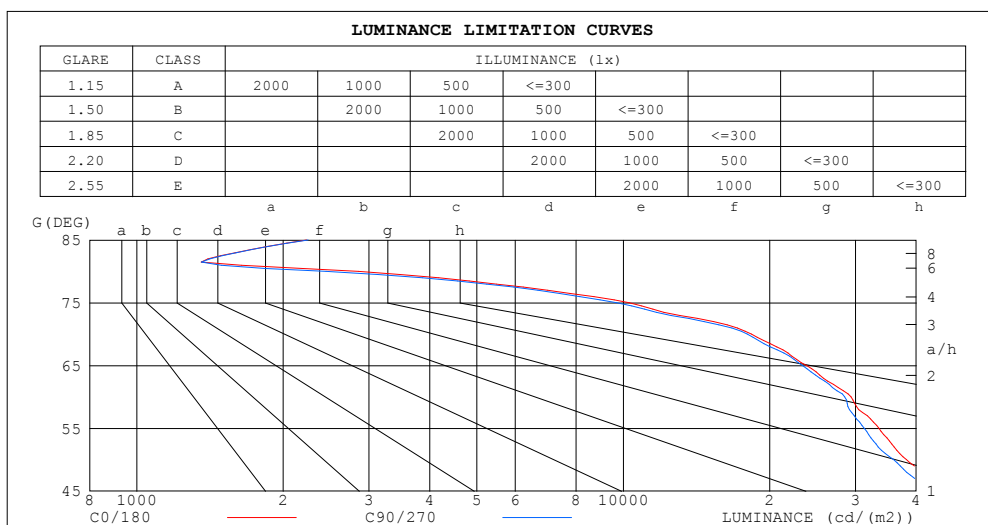
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:CJY
Test Date:2024-08-14

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO025-11 36V600mA CXA1820-30G-H-NOY 19.8D 3000K CRI93 NA

LUMINANCE LIMITATION CURVES

NAME: TLO025-11	TYPE:19.8D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2233	2249
80	2856	2447
75	10282	9698
70	18345	17995
65	23807	23342
60	29385	28502
55	33547	31261
50	38170	35931
45	45939	42956

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:CJY
 Test Date:2024-08-14

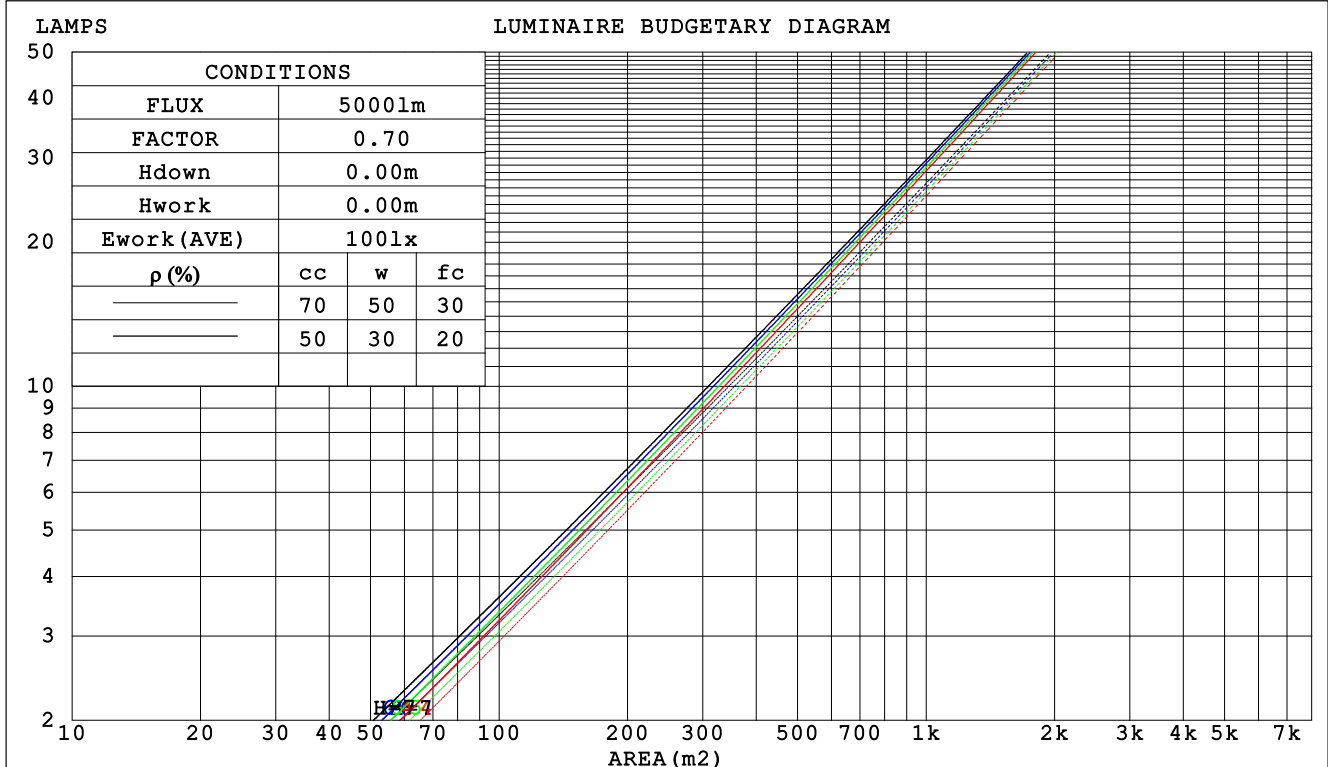
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:

TLO025-11 36V600mA CXA1820-30G-H-NOY 19.8D 3000K CRI93 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO025-11	TYPE:19.8D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:

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	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.12	1.10	1.08	1.09	1.07	1.06	1.05	1.03	1.02	1.01	.00	.99	.97	.96	.95	.93
2.0	1.06	1.02	.00	1.04	1.01	.98	1.00	.98	.96	.97	.95	.93	.94	.92	.91	.90
3.0	1.01	.97	.93	.99	.95	.92	.96	.93	.91	.94	.91	.89	.91	.89	.87	.86
4.0	.96	.92	.88	.95	.91	.88	.93	.89	.87	.90	.88	.85	.88	.86	.84	.83
5.0	.92	.88	.84	.91	.87	.84	.89	.86	.83	.87	.84	.82	.86	.83	.81	.80
6.0	.89	.84	.81	.88	.84	.81	.86	.83	.80	.85	.82	.79	.83	.81	.79	.77
7.0	.86	.81	.78	.85	.81	.78	.84	.80	.77	.82	.79	.77	.81	.78	.76	.75
8.0	.83	.79	.76	.82	.78	.75	.81	.78	.75	.80	.77	.74	.79	.76	.74	.73
9.0	.81	.76	.73	.80	.76	.73	.79	.75	.73	.78	.75	.72	.77	.74	.72	.71
10.0	.78	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.71	.75	.72	.70	.69



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:CJY
Test Date:2024-08-14

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO025-11 36V600mA CXA1820-30G-H-NOY 19.8D 3000K CRI93 NA

WEC AND CCEC

NAME: TLO025-11	TYPE:19.8D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)										
0.0																	
1.0	.150	.085	.027	.143	.081	.026	.129	.074	.024	.116	.067	.021	.104	.060	.020		
2.0	.140	.077	.024	.134	.074	.023	.122	.068	.021	.112	.063	.020	.102	.058	.018		
3.0	.131	.070	.021	.125	.067	.020	.116	.063	.019	.106	.058	.018	.098	.054	.017		
4.0	.122	.063	.019	.118	.062	.018	.109	.058	.017	.101	.054	.016	.094	.051	.016		
5.0	.114	.058	.017	.111	.057	.017	.103	.054	.016	.096	.051	.015	.090	.048	.014		
6.0	.108	.054	.015	.104	.053	.015	.098	.050	.015	.092	.048	.014	.086	.045	.013		
7.0	.102	.050	.014	.099	.049	.014	.093	.047	.014	.088	.045	.013	.083	.043	.013		
8.0	.096	.047	.013	.094	.046	.013	.089	.044	.013	.084	.043	.012	.080	.041	.012		
9.0	.091	.044	.012	.089	.043	.012	.085	.042	.012	.080	.040	.012	.076	.039	.011		
10.0	.087	.042	.012	.085	.041	.011	.081	.040	.011	.077	.038	.011	.074	.037	.011		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.188	.176	.166	.161	.151	.143	.110	.104	.099	.063	.060	.057	.020	.019	.019	
2.0	.171	.151	.135	.146	.130	.117	.100	.090	.082	.058	.052	.048	.019	.017	.016	
3.0	.157	.132	.113	.134	.114	.098	.092	.079	.069	.053	.046	.040	.017	.015	.013	
4.0	.145	.117	.096	.124	.101	.084	.085	.071	.059	.049	.041	.035	.016	.013	.011	
5.0	.134	.105	.084	.115	.091	.073	.079	.064	.051	.046	.037	.030	.015	.012	.010	
6.0	.126	.095	.074	.108	.083	.064	.074	.058	.045	.043	.034	.027	.014	.011	.009	
7.0	.118	.087	.066	.101	.076	.057	.070	.053	.041	.041	.031	.024	.013	.010	.008	
8.0	.111	.081	.059	.096	.070	.052	.066	.049	.037	.039	.029	.022	.012	.009	.007	
9.0	.106	.075	.054	.091	.065	.047	.063	.046	.034	.037	.027	.020	.012	.009	.007	
10.0	.100	.070	.050	.087	.061	.044	.060	.043	.031	.035	.025	.019	.011	.008	.006	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:CJY
Test Date:2024-08-14

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO025-11 36V600mA CXA1820-30G-H-NOY 19.8D 3000K CRI93 NA

UGR(Unified Glare Rating) Table

NAME: TLO025-11					TYPE:19.8D					WEIGHT:1				
SPEC.:3000K CRI93					DIM.:					SERIAL No.:				
MFR.:					SUR.:57					Shielding Angle:				
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					16.8	17.5	17.1	17.7	17.9	16.6	17.3	16.8	17.4	17.6
3H					17.4	18.1	17.7	18.3	18.5	17.2	17.9	17.5	18.1	18.3
4H					17.5	18.1	17.8	18.4	18.6	17.3	17.9	17.6	18.1	18.4
6H					17.4	18.0	17.8	18.3	18.6	17.2	17.8	17.5	18.1	18.4
8H					17.4	18.0	17.7	18.3	18.5	17.2	17.7	17.5	18.0	18.3
12H					17.3	17.9	17.7	18.2	18.5	17.1	17.7	17.5	18.0	18.3
4H 2H					17.1	17.7	17.4	18.0	18.2	16.9	17.5	17.2	17.8	18.0
3H					17.8	18.3	18.1	18.6	19.0	17.6	18.2	18.0	18.5	18.8
4H					17.9	18.4	18.3	18.7	19.1	17.7	18.2	18.1	18.5	18.9
6H					17.8	18.3	18.2	18.6	19.0	17.6	18.1	18.0	18.4	18.8
8H					17.8	18.2	18.2	18.6	19.0	17.6	18.0	18.0	18.4	18.8
12H					17.7	18.1	18.2	18.5	18.9	17.5	17.9	18.0	18.3	18.7
8H 4H					17.8	18.2	18.2	18.6	19.0	17.6	18.0	18.1	18.4	18.8
6H					17.7	18.1	18.2	18.5	19.0	17.6	17.9	18.0	18.3	18.8
8H					17.7	18.0	18.2	18.4	18.9	17.5	17.8	18.0	18.3	18.8
12H					17.6	17.9	18.1	18.4	18.9	17.4	17.7	17.9	18.2	18.7
12H 4H					17.8	18.1	18.2	18.5	19.0	17.6	18.0	18.0	18.4	18.8
6H					17.7	18.0	18.2	18.4	18.9	17.5	17.8	18.0	18.3	18.8
8H					17.6	17.9	18.1	18.4	18.9	17.4	17.7	17.9	18.2	18.7
Variations with the observer position at spacings:														
S = 1.0H					+ 0.7 / - 1.0					+ 0.7 / - 1.0				
1.5H					+ 1.1 / - 0.6					+ 0.8 / - 0.6				
2.0H					+ 1.1 / - 1.0					+ 1.0 / - 0.8				

CIE Pub.117, 1889 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.2)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:CJY
Test Date:2024-08-14

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TL0025-11 36V600mA CXA1820-30G-H-NOY 19.8D 3000K CRI93 NA

UTILIZATION FACTORS TABLE

NAME: TLO025-11	TYPE:19.8D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:

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) $k(RI) \times RCR = 5$									
$k = 0.60$	85	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	86	83	91	86	82	78
1.00	97	92	88	96	91	87	95	91	87	82
1.25	102	96	92	100	95	92	98	94	91	86
1.50	104	99	96	103	98	95	100	97	94	89
2.00	107	103	99	106	102	99	102	99	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	109	105	103	105	102	100	93
4.00	113	110	108	111	108	106	106	105	103	95
5.00	114	112	110	112	110	108	107	106	105	96
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHR _{NOM} = 1.25		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-14

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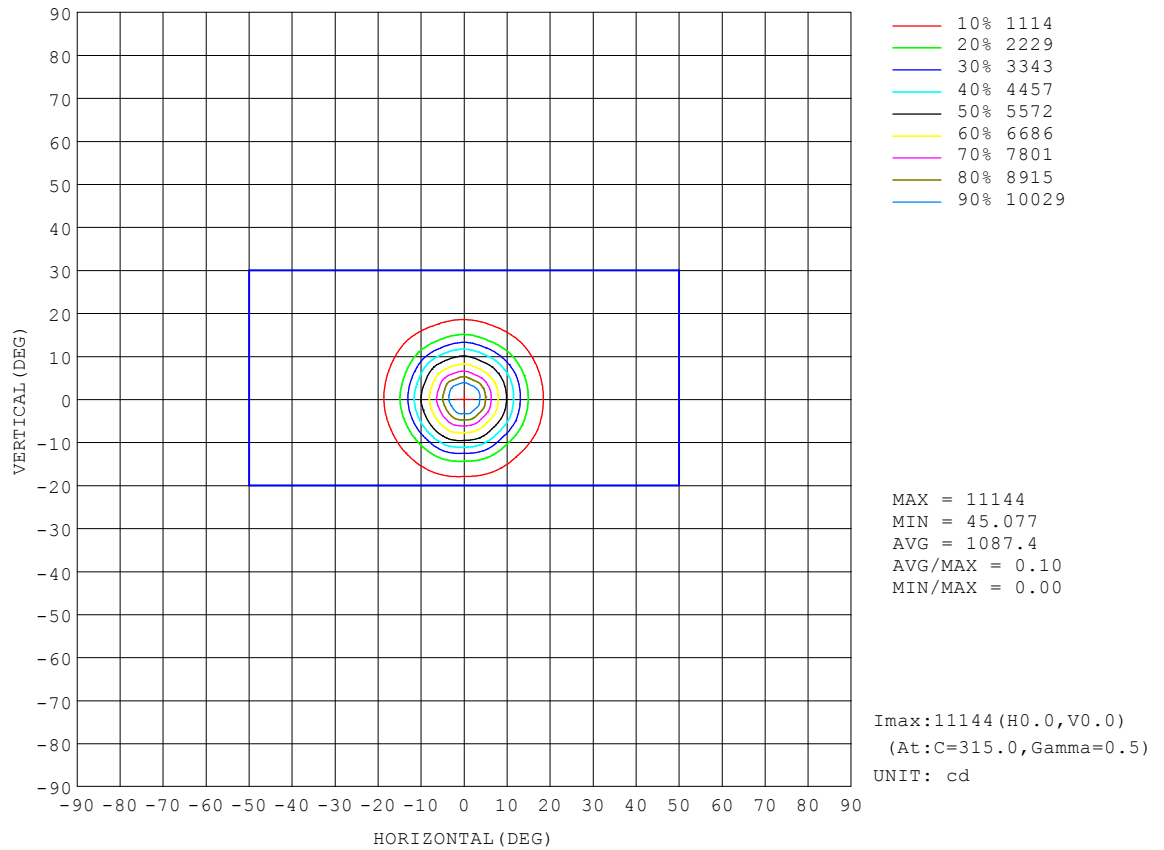
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

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TLO025-11 36V600mA CXA1820-30G-H-NOY 19.8D 3000K CRI93 NA

ISOCANDELA DIAGRAM

NAME: TLO025-11	TYPE:19.8D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:



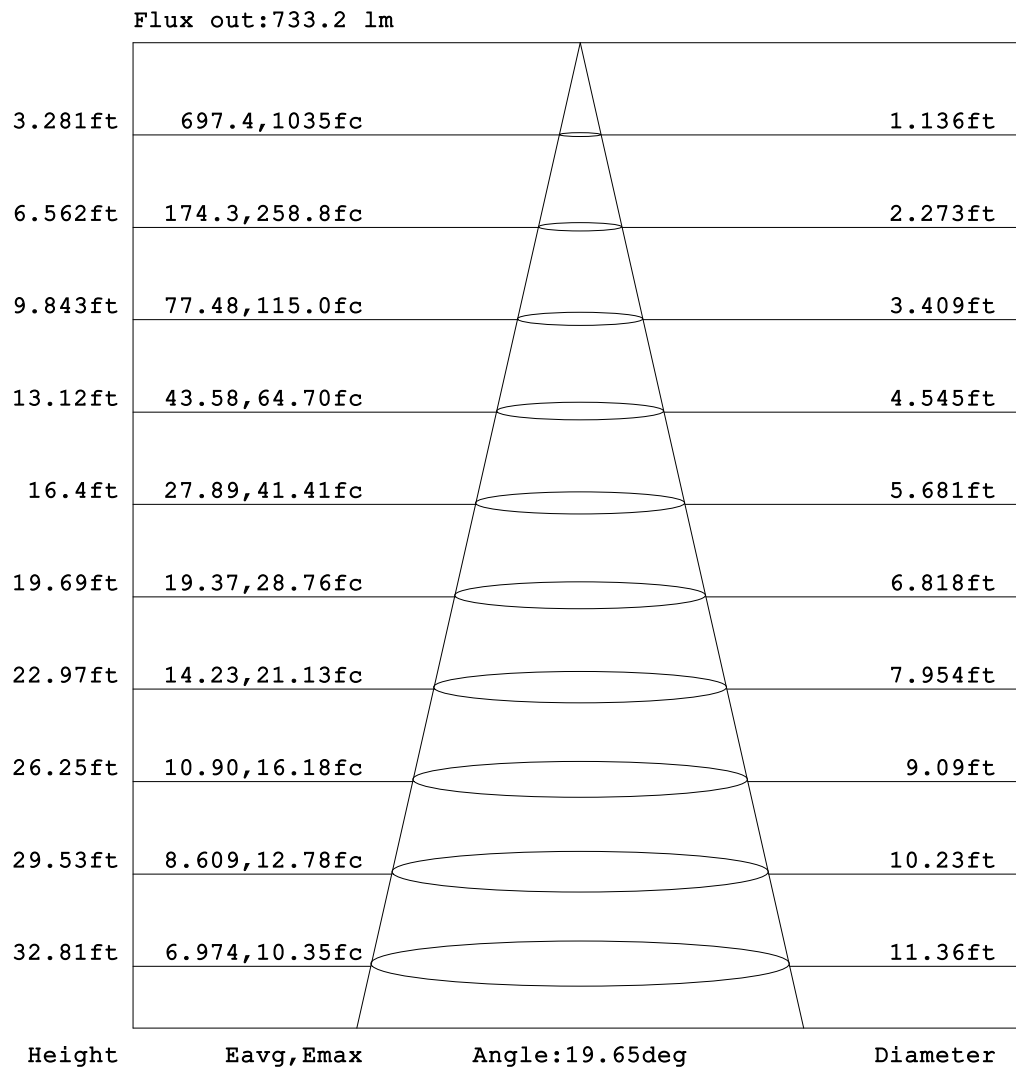
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:CJY
Test Date:2024-08-14

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO025-11 36V600mA CXA1820-30G-H-NOY 19.8D 3000K CRI93 NA

AAI Figure

NAME: TLO025-11	TYPE:19.8D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:



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

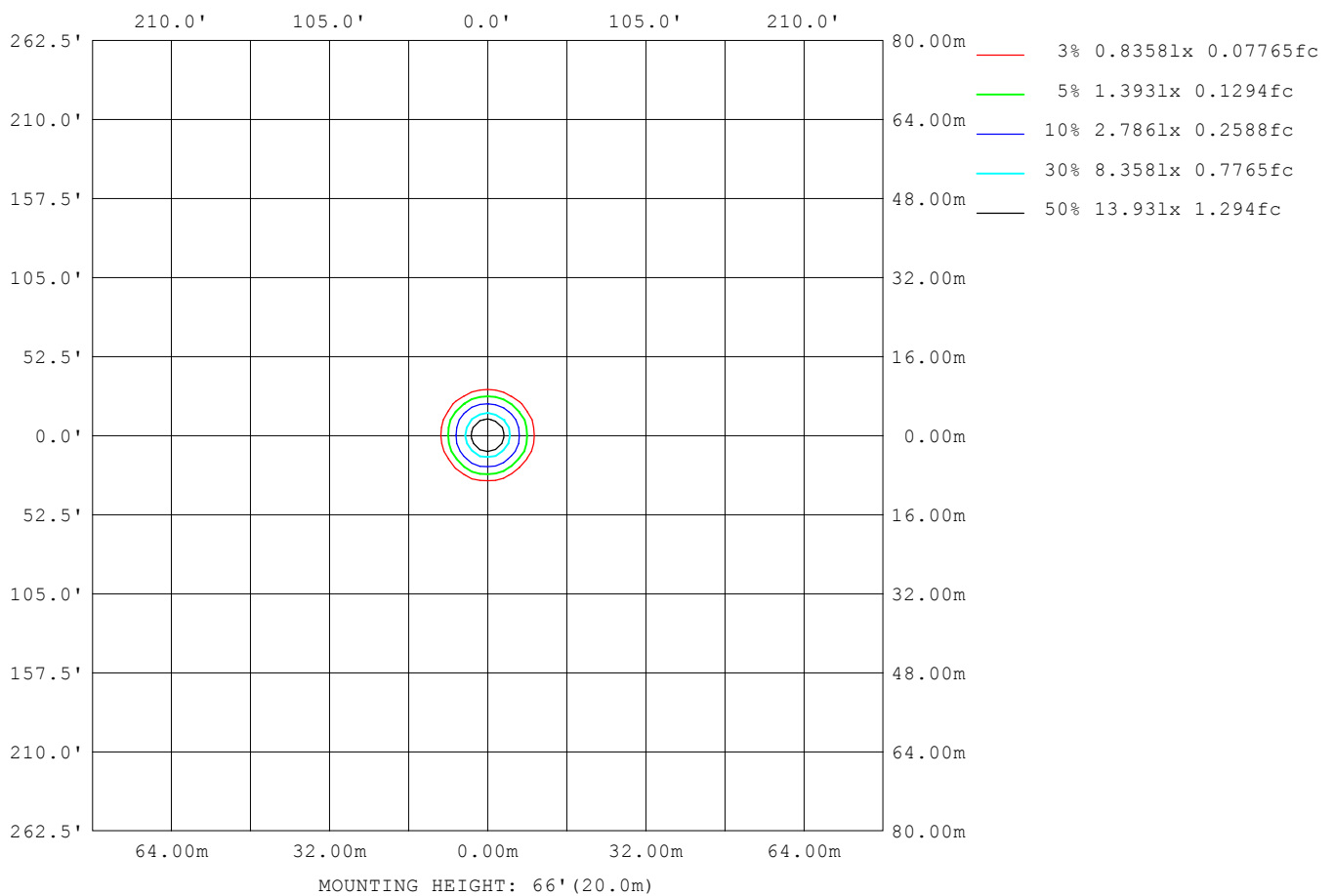
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C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
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Humidity:65.0%
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Remarks:

TLO025-11 36V600mA CXA1820-30G-H-NOY 19.8D 3000K CRI93 NA

ISOLUX DIAGRAM

NAME: TLO025-11	TYPE:19.8D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
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γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO025-11 36V600mA CXA1820-30G-H-NOY 19.8D 3000K CRI93 NA

LED Avg.L Report

NAME: TLO025-11	TYPE:19.8D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:

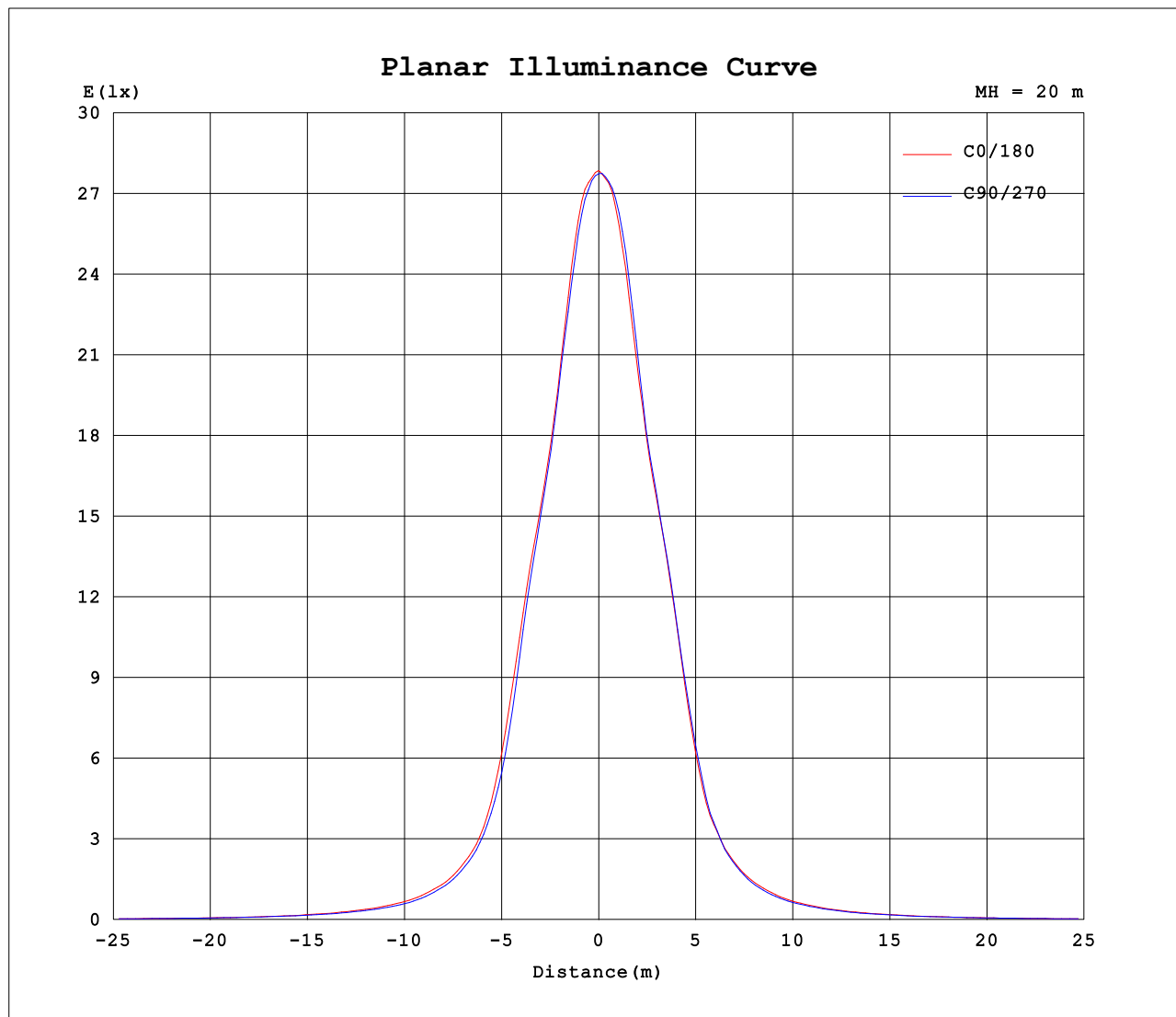
AvgL	cd/m2
L_0~180 (65) av	24104
L_0~180 (75) av	10204
L_0~180 (85) av	2038
L_90~270 (65) av	23529
L_90~270 (75) av	9999
L_90~270 (85) av	2030
L_45 (65) av	23818
L_45 (75) av	10102
L_45 (85) av	1984

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:CJY
Test Date:2024-08-14

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-14

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO025-11 36V600mA CXA1820-30G-H-NOY 19.8D 3000K CRI93 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO025-11	TYPE:19.8D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:

Table--1

UNIT: ×10cd

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	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110			
5	886	889	863	884	875	894	878	870	887	887	926	899	918	886	913	909			
10	549	541	519	534	529	550	547	542	558	550	574	553	564	540	558	559			
15	218	210	195	202	195	210	205	205	217	214	232	217	228	209	225	226			
20	87.1	87.7	81.0	82.1	80.0	86.3	86.4	86.4	90.1	90.1	93.7	86.6	88.0	83.8	89.4	88.7			
25	44.9	44.4	41.1	41.2	40.1	43.3	43.4	44.3	46.2	45.6	46.6	43.2	43.4	42.9	45.3	45.8			
30	26.8	26.4	24.6	24.5	23.8	25.5	25.7	26.3	27.1	26.7	26.9	25.4	25.5	25.2	26.6	27.1			
35	17.2	16.9	15.7	15.8	15.7	16.4	16.5	17.0	17.2	16.9	16.7	16.1	16.2	16.1	16.8	17.4			
40	11.5	11.5	10.9	10.9	10.8	11.2	11.4	11.3	11.6	11.4	11.4	10.9	11.0	11.0	11.5	11.7			
45	8.25	8.13	7.81	7.79	7.75	7.95	8.01	8.11	8.24	8.18	8.14	7.91	7.91	7.94	8.21	8.36			
50	6.23	6.09	5.80	5.88	5.89	5.92	5.94	6.04	6.14	6.09	6.07	5.94	5.95	5.92	6.12	6.26			
55	4.89	4.77	4.57	4.61	4.57	4.59	4.62	4.70	4.76	4.75	4.73	4.67	4.66	4.65	4.79	4.90			
60	3.73	3.68	3.57	3.64	3.63	3.66	3.67	3.71	3.78	3.76	3.75	3.71	3.67	3.63	3.72	3.72			
65	2.56	2.57	2.51	2.56	2.52	2.61	2.56	2.58	2.64	2.61	2.63	2.55	2.56	2.48	2.56	2.58			
70	1.59	1.61	1.55	1.60	1.57	1.63	1.60	1.59	1.64	1.62	1.65	1.59	1.60	1.53	1.60	1.62			
75	0.68	0.68	0.63	0.67	0.64	0.70	0.66	0.65	0.67	0.67	0.70	0.66	0.68	0.63	0.67	0.69			
80	0.13	0.13	0.10	0.12	0.11	0.14	0.12	0.12	0.12	0.12	0.14	0.12	0.13	0.10	0.12	0.13			
85	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04			
90	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04			
95	0.06	0.07	0.06	0.06	0.06	0.06	0.06	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06			
100	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07			
105	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09			
110	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.11	0.11	0.11	0.10	0.11	0.11	0.11	0.11			
115	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13			
120	0.20	0.20	0.20	0.19	0.19	0.19	0.19	0.20	0.18	0.18	0.17	0.17	0.17	0.18	0.18	0.18			
125	0.30	0.30	0.30	0.29	0.29	0.29	0.30	0.30	0.27	0.27	0.25	0.26	0.25	0.27	0.26	0.27			
130	0.52	0.52	0.54	0.52	0.53	0.51	0.52	0.53	0.48	0.47	0.45	0.46	0.45	0.47	0.46	0.46			
135	0.92	0.92	0.95	0.92	0.93	0.91	0.93	0.94	0.85	0.84	0.81	0.82	0.82	0.84	0.83	0.83			
140	1.47	1.47	1.50	1.48	1.49	1.46	1.48	1.49	1.39	1.38	1.34	1.36	1.35	1.38	1.37	1.36			
145	2.01	2.02	2.05	2.03	2.05	2.02	2.03	2.04	1.94	1.94	1.90	1.92	1.92	1.95	1.93	1.92			
150	2.44	2.44	2.46	2.46	2.47	2.45	2.46	2.46	2.40	2.40	2.37	2.38	2.38	2.40	2.39	2.37			
155	2.67	2.67	2.68	2.69	2.71	2.70	2.70	2.70	2.67	2.67	2.66	2.67	2.67	2.67	2.66	2.65			
160	2.71	2.70	2.70	2.74	2.77	2.77	2.75	2.75	2.77	2.75	2.75	2.77	2.77	2.74	2.71	2.69			
165	2.51	2.49	2.50	2.57	2.59	2.62	2.60	2.58	2.61	2.60	2.62	2.63	2.63	2.57	2.51	2.49			
170	2.11	2.11	2.07	2.14	2.18	2.21	2.20	2.22	2.26	2.26	2.23	2.21	2.20	2.15	2.09	2.10			
175	1.71	1.69	1.70	1.70	1.70	1.75	1.80	1.78	1.81	1.82	1.84	1.76	1.73	1.71	1.72	1.68			
180	1.57	1.56	1.61	1.54	1.54	1.53	1.59	1.54	1.58	1.56	1.61	1.54	1.55	1.53	1.59	1.54			

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