

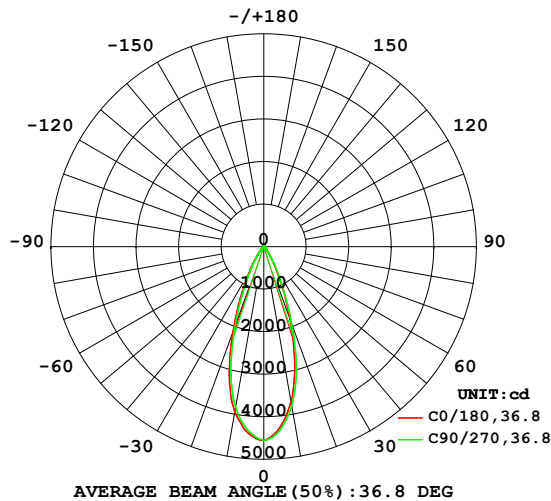
TLO025-11 36V600mA CXA1820-30G-H-NOY 36.8D 3000K CRI93 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

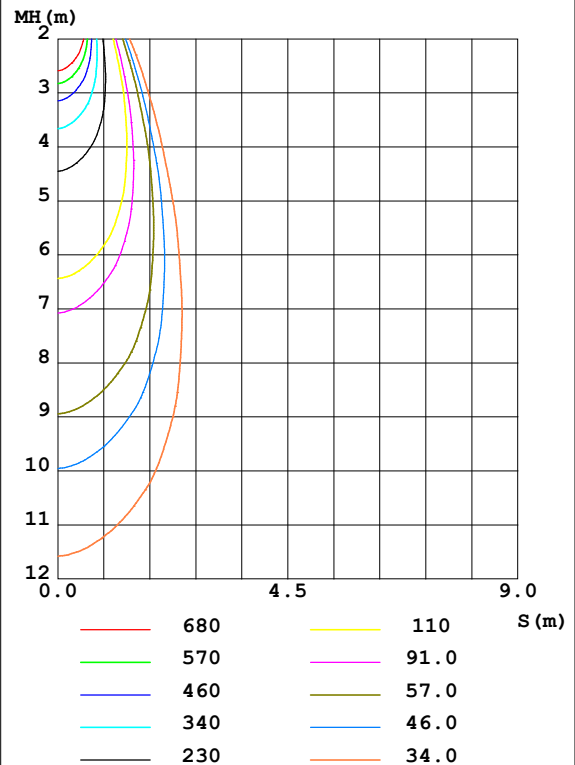
NAME: TLO025-11	TYPE:36.8D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.96 lm/W			
MODEL		I _{max} (cd)	4555	S/MH (C0/180)	0.62
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH (C90/270)	0.60
RATED VOLTAGE(V)	110	TOTAL FLUX(lm)	2070.5	η UP,DN (C0-180)	1.2,48.1
NOMINAL FLUX(lm)	2070.5	CIE CLASS	DIRECT	η UP,DN (C180-360)	1.2,49.4
LAMPS INSIDE	1	η up (%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	110	η down (%)	97.6	CIBSE SHR MAX	0.60

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 36.8D 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	3708	3707	3796	3875	3940	3929	3828	3754	0- 10	397.0	397.0	19.2,19.2
20	1804	1805	1911	2026	2114	2103	1975	1872	10- 20	805.6	1203	58.1,58.1
30	519.5	503.9	554.2	627.4	669.6	660.8	590.7	550.4	20- 30	523.1	1726	83.3,83.3
40	121.6	112.9	123.8	152.3	161.2	151.8	130.7	133.8	30- 40	191.4	1917	92.6,92.6
50	42.83	40.33	43.34	50.29	49.18	44.44	41.90	45.37	40- 50	58.71	1976	95.4,95.4
60	19.85	18.77	20.15	22.00	22.45	20.65	19.78	20.10	50- 60	27.33	2003	96.7,96.7
70	6.086	6.260	6.726	7.137	7.287	7.013	6.094	6.087	60- 70	13.69	2017	97.4,97.4
80	0.5607	0.5966	0.7267	0.8048	0.7688	0.7207	0.5621	0.4829	70- 80	3.151	2020	97.6,97.6
90	0.4916	0.4854	0.4897	0.4760	0.3948	0.3885	0.4041	0.4054	80- 90	0.4652	2020	97.6,97.6
100	0.6787	0.6528	0.6396	0.6398	0.5734	0.5496	0.5762	0.6004	90-100	0.5635	2021	97.6,97.6
110	1.300	1.245	1.160	1.144	1.008	0.9650	1.025	1.122	100-110	0.8564	2022	97.7,97.7
120	3.396	3.343	3.079	2.944	2.578	2.505	2.699	2.951	110-120	1.828	2024	97.7,97.7
130	8.493	8.505	8.000	7.640	6.871	6.788	7.198	7.640	120-130	4.442	2028	98,98
140	16.30	16.24	15.68	15.19	14.23	14.15	14.72	15.24	130-140	8.630	2037	98.4,98.4
150	23.98	23.97	23.64	23.26	22.38	22.33	22.79	23.08	140-150	12.04	2049	99,99
160	26.87	27.07	27.47	27.24	26.84	26.87	27.14	26.65	150-160	11.81	2061	99.5,99.5
170	24.93	25.03	25.59	25.89	25.84	25.70	25.38	24.70	160-170	7.534	2068	99.9,99.9
180	24.57	24.81	24.31	24.70	24.58	24.83	24.32	24.71	170-180	2.365	2070	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

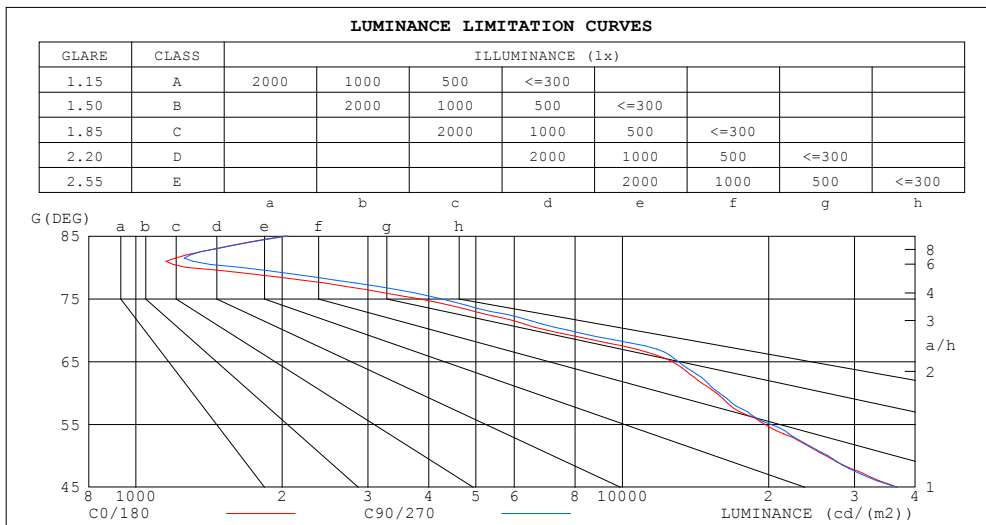
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:CJY
 Test Date:2024-08-14

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 36.8D 3000K CRI93 NA

LUMINANCE LIMITATION CURVES

NAME: TLO025-11	TYPE: 36.8D	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

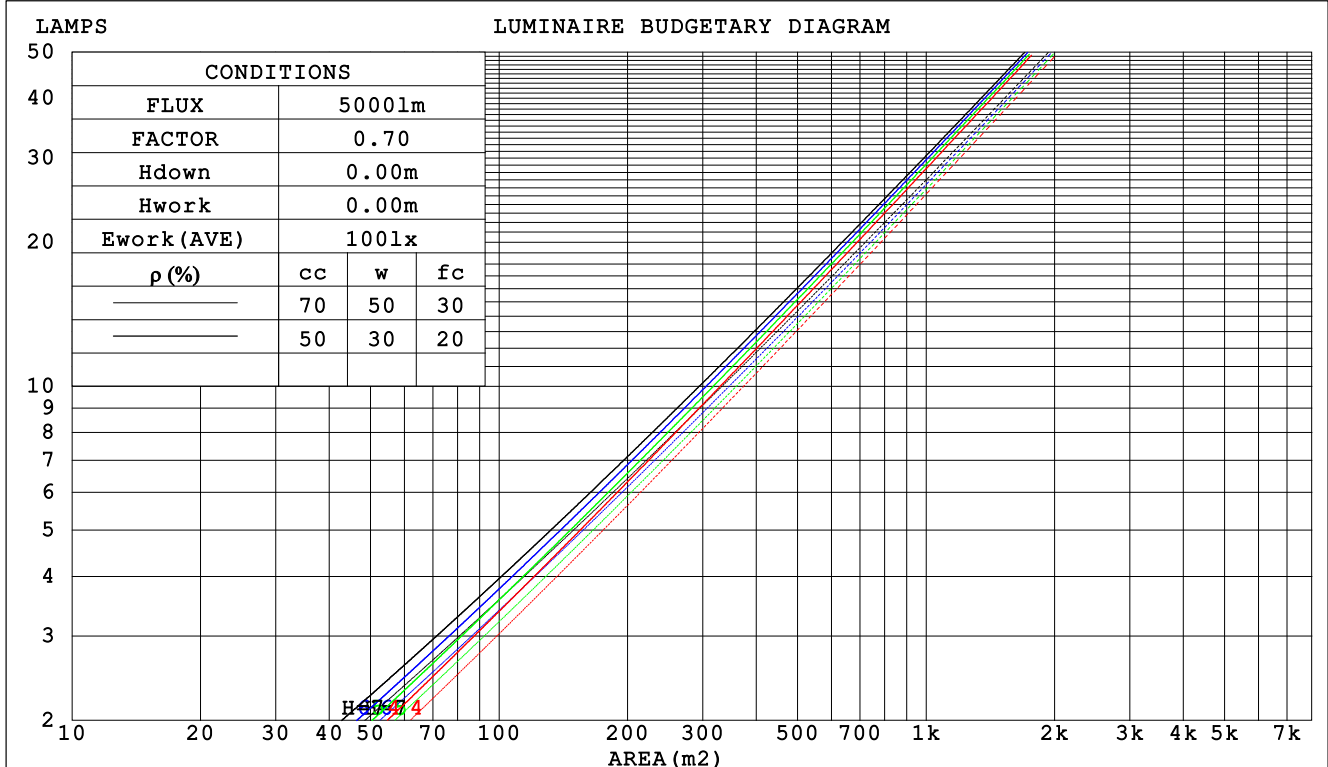
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO025-11 36V600mA CXA1820-30G-H-NOY 36.8D 3000K CRI93 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO025-11	TYPE:36.8D	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	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.01	1.00	.99	.98	.96	.95	.94	.93
2.0	1.04	1.01	.98	1.02	.99	.96	.99	.96	.94	.96	.93	.92	.92	.91	.89	.88
3.0	.98	.94	.90	.97	.93	.90	.94	.91	.88	.91	.88	.86	.89	.87	.85	.83
4.0	.93	.88	.84	.92	.87	.84	.89	.86	.83	.87	.84	.81	.85	.82	.80	.79
5.0	.88	.83	.79	.87	.83	.79	.85	.81	.78	.83	.80	.77	.82	.79	.76	.75
6.0	.84	.79	.75	.83	.78	.75	.81	.77	.74	.80	.76	.73	.78	.75	.73	.71
7.0	.80	.75	.71	.79	.74	.71	.78	.74	.70	.77	.73	.70	.75	.72	.69	.68
8.0	.77	.71	.68	.76	.71	.68	.75	.70	.67	.74	.70	.67	.72	.69	.66	.65
9.0	.73	.68	.65	.73	.68	.65	.72	.67	.64	.71	.67	.64	.70	.66	.64	.62
10.0	.70	.65	.62	.70	.65	.62	.69	.65	.62	.68	.64	.61	.67	.64	.61	.60



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 36.8D 3000K CRI93 NA

WEC AND CCEC

NAME: TLO025-11	TYPE:36.8D	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	.162	.092	.029	.155	.088	.028	.141	.081	.026	.128	.074	.024	.117	.068	.022	
2.0	.153	.084	.026	.147	.081	.025	.135	.075	.023	.125	.070	.022	.115	.065	.020	
3.0	.145	.077	.023	.139	.075	.022	.129	.070	.021	.120	.066	.020	.111	.062	.019	
4.0	.137	.071	.021	.132	.069	.020	.123	.065	.020	.115	.062	.019	.108	.059	.018	
5.0	.130	.066	.019	.126	.064	.019	.118	.061	.018	.111	.059	.017	.104	.056	.017	
6.0	.123	.062	.018	.120	.060	.017	.113	.058	.017	.107	.055	.016	.101	.053	.016	
7.0	.117	.058	.016	.114	.057	.016	.108	.055	.016	.103	.053	.015	.097	.051	.015	
8.0	.112	.055	.015	.109	.054	.015	.104	.052	.015	.099	.050	.014	.094	.048	.014	
9.0	.107	.052	.014	.105	.051	.014	.100	.049	.014	.095	.048	.014	.091	.046	.013	
10.0	.103	.049	.014	.100	.049	.014	.096	.047	.013	.092	.046	.013	.088	.044	.013	

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	.189	.176	.165	.161	.151	.142	.110	.104	.098	.064	.060	.057	.020	.019	.018	
2.0	.172	.151	.133	.148	.130	.115	.101	.090	.080	.058	.052	.047	.019	.017	.015	
3.0	.159	.132	.111	.136	.114	.096	.094	.079	.067	.054	.046	.040	.017	.015	.013	
4.0	.148	.117	.094	.127	.101	.082	.087	.071	.057	.051	.041	.034	.016	.013	.011	
5.0	.139	.106	.081	.119	.091	.071	.082	.064	.050	.048	.037	.030	.015	.012	.010	
6.0	.131	.096	.071	.112	.083	.062	.077	.058	.044	.045	.034	.026	.014	.011	.009	
7.0	.124	.088	.063	.106	.076	.055	.073	.054	.039	.043	.032	.023	.014	.010	.008	
8.0	.118	.082	.057	.101	.071	.050	.070	.050	.035	.041	.029	.021	.013	.010	.007	
9.0	.112	.076	.052	.097	.066	.046	.067	.047	.032	.039	.028	.019	.013	.009	.006	
10.0	.108	.072	.048	.093	.062	.042	.064	.044	.030	.038	.026	.018	.012	.009	.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 36.8D 3000K CRI93 NA

UGR(Unified Glare Rating) Table

NAME: TLO025-11					TYPE:36.8D			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	15.6	16.4	15.9	16.6	16.8	15.7	16.5	16.0	16.7	16.9	
	15.7	16.4	16.0	16.7	16.9	15.8	16.5	16.1	16.8	17.0	
	15.6	16.3	15.9	16.6	16.8	15.7	16.5	16.1	16.7	17.0	
	15.5	16.2	15.9	16.5	16.8	15.7	16.3	16.0	16.6	16.9	
	15.5	16.1	15.8	16.4	16.7	15.6	16.3	16.0	16.5	16.8	
	15.4	16.0	15.8	16.4	16.7	15.6	16.2	15.9	16.5	16.8	
4H	2H	15.6	16.3	15.9	16.5	16.8	15.7	16.4	16.0	16.6	16.9
	3H	15.6	16.2	16.0	16.5	16.9	15.8	16.4	16.1	16.7	17.0
	4H	15.6	16.1	16.0	16.5	16.8	15.7	16.3	16.1	16.6	16.9
	6H	15.5	16.0	15.9	16.3	16.7	15.6	16.1	16.0	16.5	16.9
	8H	15.4	15.9	15.9	16.3	16.7	15.6	16.0	16.0	16.4	16.8
	12H	15.4	15.8	15.8	16.2	16.6	15.5	15.9	16.0	16.3	16.8
8H	4H	15.4	15.9	15.9	16.3	16.7	15.6	16.0	16.0	16.4	16.8
	6H	15.3	15.7	15.8	16.1	16.6	15.5	15.8	15.9	16.3	16.7
	8H	15.3	15.6	15.8	16.1	16.6	15.4	15.7	15.9	16.2	16.7
	12H	15.2	15.5	15.7	16.0	16.5	15.4	15.6	15.9	16.1	16.6
12H	4H	15.4	15.8	15.8	16.2	16.6	15.5	15.9	16.0	16.3	16.8
	6H	15.3	15.6	15.8	16.1	16.6	15.4	15.7	15.9	16.2	16.7
	8H	15.2	15.5	15.7	16.0	16.5	15.4	15.6	15.9	16.1	16.6
Variations with the observer position at spacings:											
S = 1.0H	+ 2.5 / - 3.4					+ 2.4 / - 3.3					
1.5H	+ 4.0 / - 2.6					+ 4.0 / - 2.6					
2.0H	+ 2.7 / - 1.7					+ 2.7 / - 1.7					

CIE Pub.117, 2070 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.5)

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 36.8D 3000K CRI93 NA

UTILIZATION FACTORS TABLE

NAME: TLO025-11	TYPE:36.8D	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) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	86	80	77	85	80	77	73
0.80	94	88	85	94	88	85	92	87	84	80
1.00	99	93	89	98	92	89	96	92	88	84
1.25	103	97	94	101	97	93	99	95	92	88
1.50	105	100	97	104	100	97	101	98	95	90
2.00	108	104	101	106	102	100	103	100	98	92
2.50	110	106	103	108	104	102	104	102	100	93
3.00	111	108	105	109	106	104	105	103	101	94
4.00	113	110	108	111	109	107	107	105	104	96
5.00	114	112	110	112	110	109	108	106	105	97
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

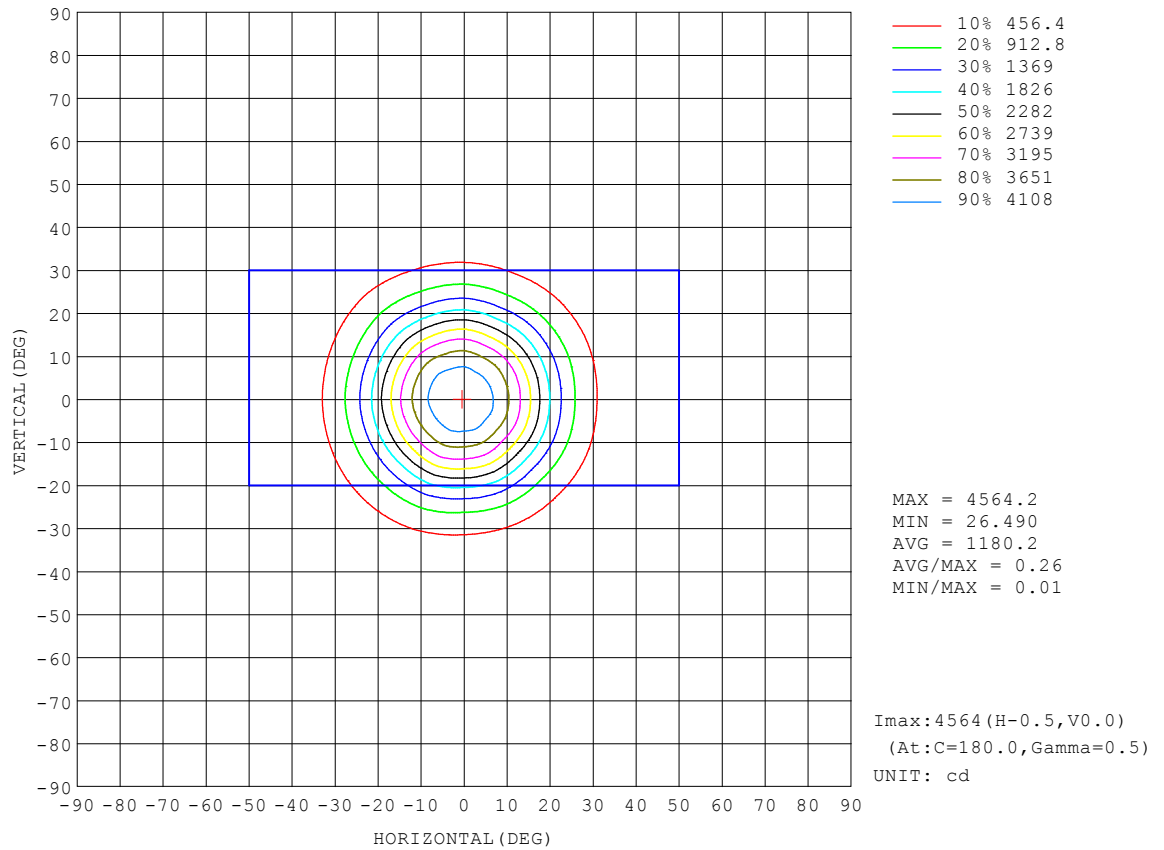
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 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:CJY
 Test Date:2024-08-14

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 36.8D 3000K CRI93 NA

ISOCANDELA DIAGRAM

NAME: TLO025-11	TYPE:36.8D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:



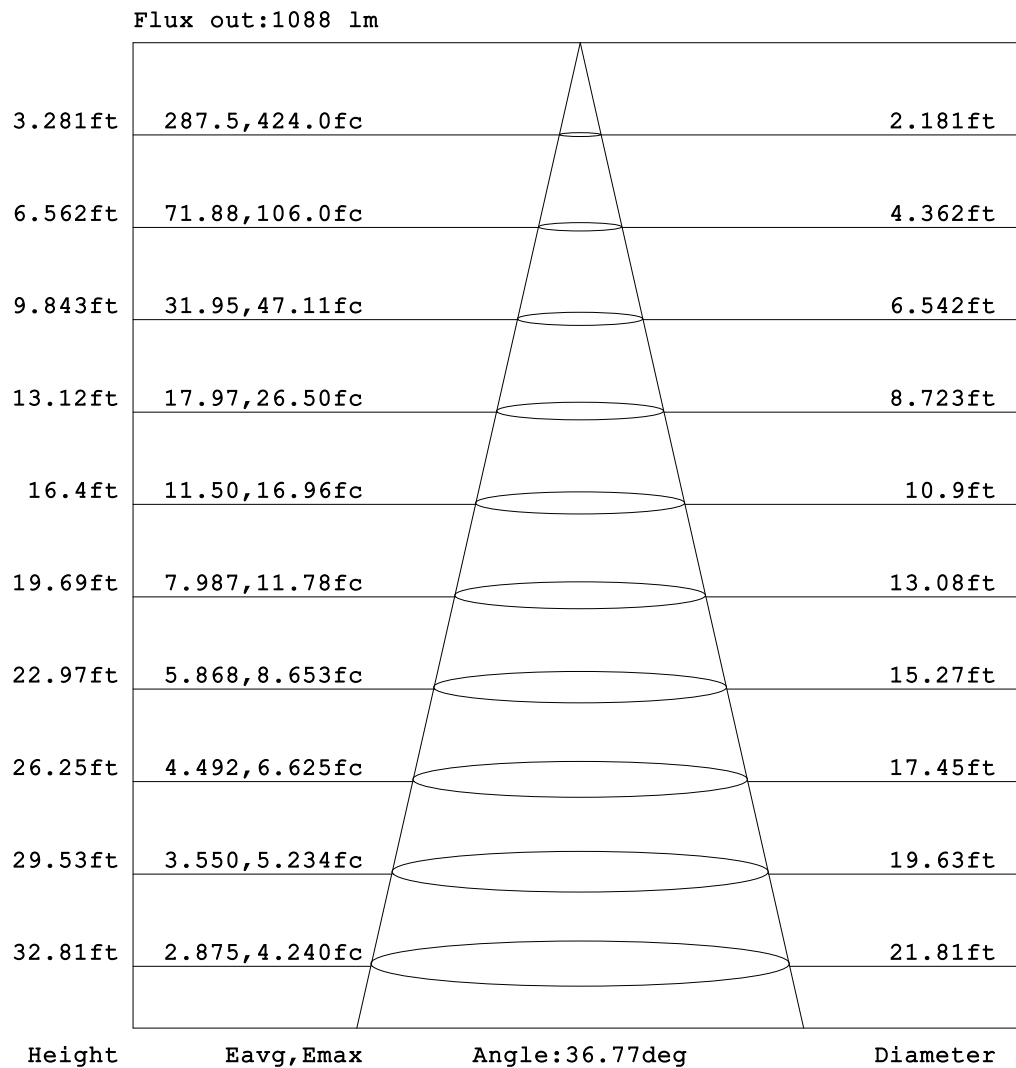
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C Interval: 22.5DEG
Test Speed: MEDIUM
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TLO025-11 36V600mA CXA1820-30G-H-NOY 36.8D 3000K CRI93 NA

AAI Figure

NAME: TLO025-11	TYPE:36.8D	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.

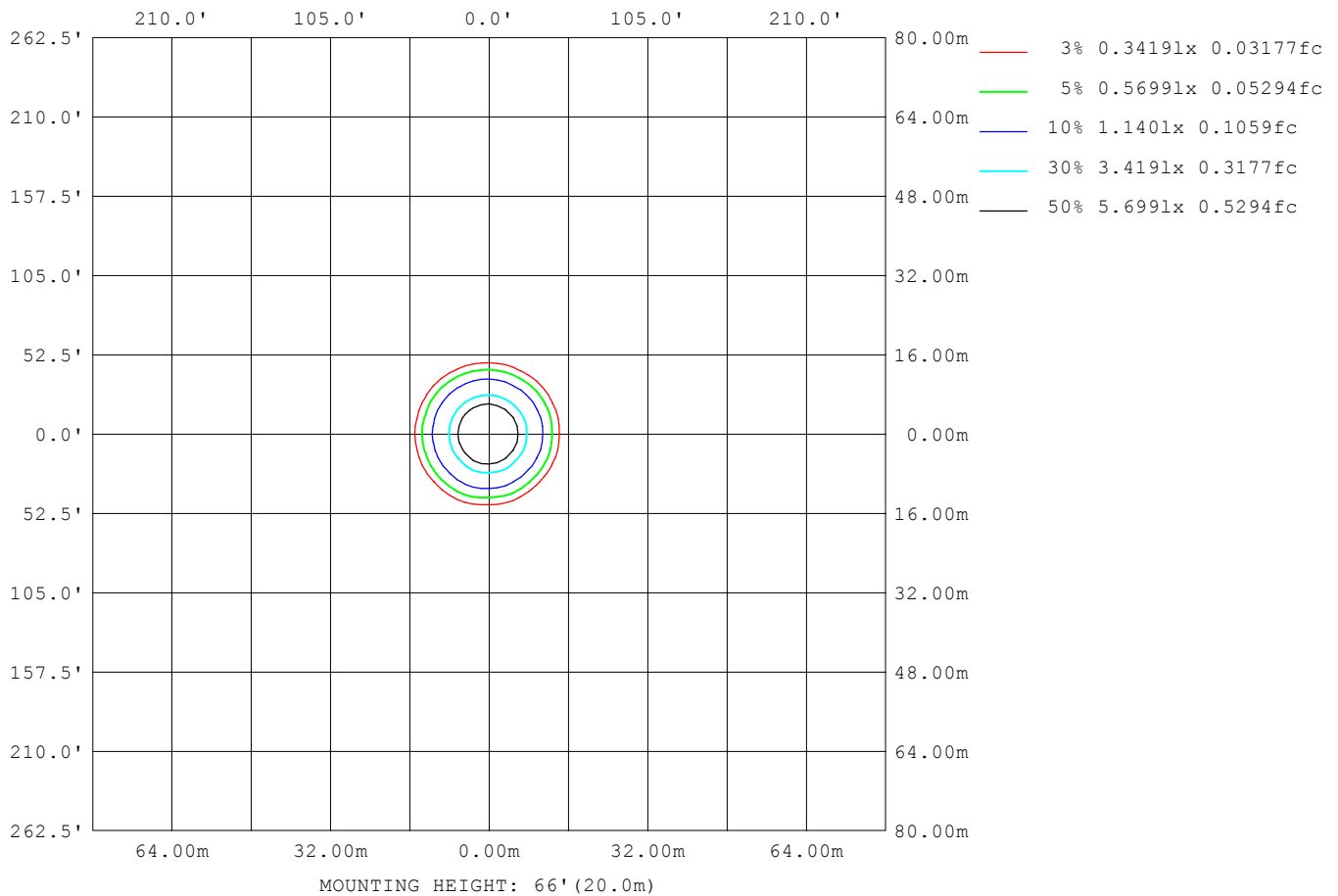
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Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO025-11 36V600mA CXA1820-30G-H-NOY 36.8D 3000K CRI93 NA

ISOLUX DIAGRAM

NAME: TLO025-11	TYPE:36.8D	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
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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 36.8D 3000K CRI93 NA

LED Avg.L Report

NAME: TLO025-11	TYPE:36.8D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:

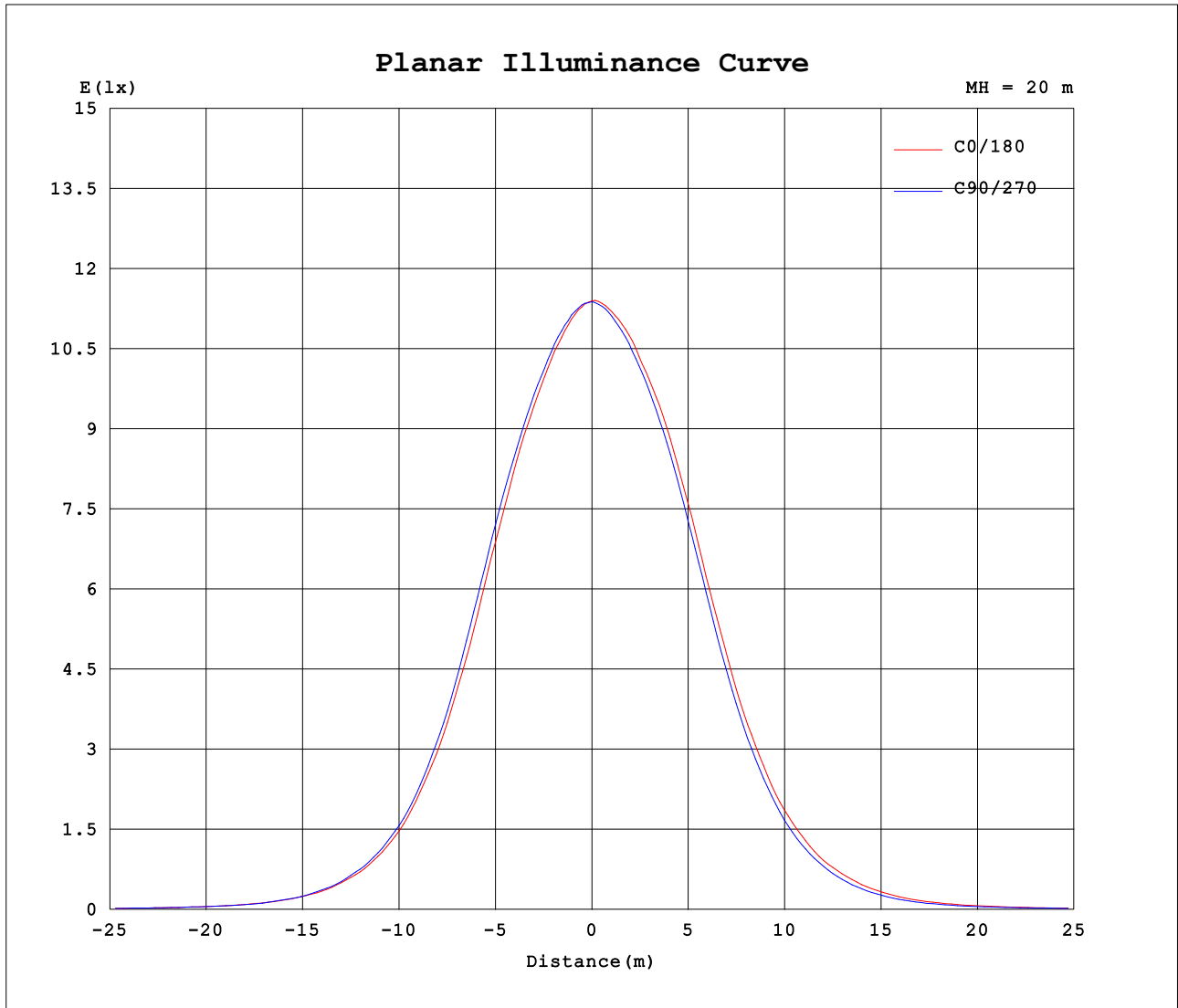
AvgL	cd/m2
L_0~180 (65) av	13484
L_0~180 (75) av	4142
L_0~180 (85) av	1823
L_90~270 (65) av	12898
L_90~270 (75) av	4085
L_90~270 (85) av	1841
L_45 (65) av	13146
L_45 (75) av	4127
L_45 (85) av	1795

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 36.8D 3000K CRI93 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO025-11	TYPE: 36.8D	WEIGHT: 1
SPEC.: 3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.: 57	Shielding Angle:

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	4550	4550	4550	4550	4550	4550	4550	4550	4550	4550	4550	4550	4550	4550	4550	4550			
5	4274	4298	4302	4337	4333	4375	4367	4377	4388	4364	4387	4343	4332	4294	4301	4298			
10	3708	3713	3707	3777	3796	3885	3875	3907	3940	3912	3929	3847	3828	3751	3754	3731			
15	2827	2843	2836	2958	2967	3098	3071	3107	3142	3110	3128	3017	2998	2877	2889	2857			
20	1804	1822	1805	1915	1911	2054	2026	2070	2114	2088	2103	1989	1975	1854	1872	1843			
25	1010	1029	994	1077	1070	1184	1175	1220	1246	1238	1243	1149	1142	1052	1073	1059			
30	519	525	504	540	554	616	627	650	670	662	661	601	591	545	550	552			
35	251	256	246	261	269	307	319	332	341	337	333	294	283	265	276	271			
40	122	118	113	119	124	145	152	159	161	155	152	133	131	126	134	130			
45	66.2	63.1	59.1	61.9	66.0	75.6	81.3	82.7	82.3	76.5	72.3	66.6	66.5	68.1	72.1	71.3			
50	42.8	41.9	40.3	41.4	43.3	47.8	50.3	50.1	49.2	46.1	44.4	41.2	41.9	42.8	45.4	44.9			
55	28.6	28.3	27.2	28.2	29.5	31.9	32.6	32.9	33.0	31.1	29.5	27.4	28.0	28.0	29.5	29.2			
60	19.8	19.6	18.8	19.4	20.2	21.6	22.0	22.3	22.4	21.3	20.7	19.6	19.8	19.5	20.1	20.0			
65	13.6	13.7	13.3	13.9	14.0	15.1	15.0	15.3	15.5	14.9	14.7	13.9	13.8	13.3	13.6	13.5			
70	6.09	6.32	6.26	6.95	6.73	7.55	7.14	7.29	7.29	6.93	7.01	6.09	6.09	5.83	6.09	6.03			
75	2.52	2.67	2.60	2.93	2.79	3.11	2.94	2.99	2.95	2.85	2.91	2.58	2.60	2.38	2.44	2.44			
80	0.56	0.63	0.60	0.79	0.73	0.88	0.80	0.82	0.77	0.71	0.72	0.57	0.56	0.45	0.48	0.48			
85	0.45	0.46	0.45	0.46	0.46	0.45	0.45	0.45	0.36	0.35	0.35	0.34	0.36	0.34	0.35	0.35			
90	0.49	0.51	0.49	0.50	0.49	0.49	0.48	0.49	0.39	0.38	0.39	0.38	0.40	0.39	0.41	0.39			
95	0.58	0.58	0.56	0.56	0.55	0.55	0.54	0.56	0.47	0.44	0.46	0.45	0.47	0.47	0.49	0.47			
100	0.68	0.68	0.65	0.65	0.64	0.65	0.64	0.66	0.57	0.54	0.55	0.54	0.58	0.58	0.60	0.59			
105	0.89	0.88	0.85	0.82	0.81	0.81	0.81	0.82	0.73	0.70	0.69	0.70	0.74	0.76	0.78	0.77			
110	1.30	1.27	1.25	1.18	1.16	1.13	1.14	1.15	1.01	0.98	0.97	1.00	1.02	1.10	1.12	1.14			
115	2.07	2.01	2.01	1.87	1.85	1.75	1.79	1.78	1.56	1.54	1.50	1.58	1.61	1.76	1.77	1.82			
120	3.40	3.35	3.34	3.14	3.08	2.92	2.94	2.95	2.58	2.57	2.51	2.65	2.70	2.92	2.95	3.00			
125	5.53	5.45	5.49	5.17	5.11	4.82	4.87	4.83	4.29	4.27	4.21	4.44	4.50	4.85	4.85	4.93			
130	8.49	8.43	8.50	8.07	8.00	7.58	7.64	7.61	6.87	6.88	6.79	7.08	7.20	7.64	7.64	7.74			
135	12.2	12.1	12.2	11.7	11.6	11.1	11.2	11.1	10.2	10.3	10.2	10.5	10.7	11.2	11.2	11.3			
140	16.3	16.2	16.2	15.8	15.7	15.2	15.2	15.2	14.2	14.2	14.2	14.5	14.7	15.2	15.2	15.3			
145	20.4	20.3	20.4	20.0	19.9	19.4	19.4	19.4	18.4	18.4	18.4	18.8	18.9	19.4	19.4	19.4			
150	24.0	23.9	24.0	23.7	23.6	23.3	23.3	23.3	22.4	22.3	22.3	22.7	22.8	23.2	23.1	23.1			
155	26.3	26.2	26.3	26.3	26.4	26.2	26.1	26.1	25.4	25.3	25.4	25.7	25.7	25.9	25.7	25.6			
160	26.9	26.9	27.1	27.3	27.5	27.4	27.2	27.3	26.8	26.7	26.9	27.2	27.1	27.0	26.7	26.4			
165	26.1	26.1	26.4	26.8	27.0	27.2	27.1	27.0	26.8	26.6	26.7	26.9	26.8	26.6	26.1	25.8			
170	24.9	24.9	25.0	25.4	25.6	25.8	25.9	26.0	25.8	25.9	25.7	25.4	25.4	25.2	24.7	24.6			
175	24.1	24.1	24.4	24.4	24.3	24.6	25.1	24.9	24.9	25.0	25.1	24.5	24.2	24.3	24.3	23.8			
180	24.6	24.5	24.8	24.4	24.3	24.3	24.7	24.3	24.6	24.5	24.8	24.4	24.3	24.3	24.7	24.2			

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