

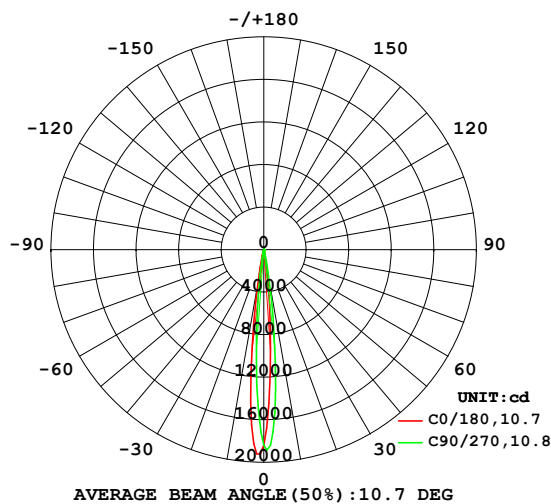
TLO020-31 36V500mA CHM-6-30-90-36-BH40-F4-3 10.7D 3000K CRI90 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

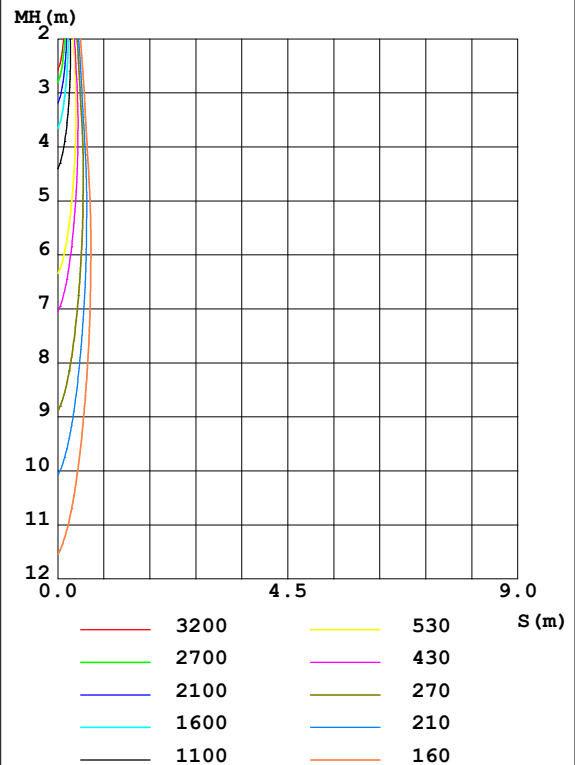
NAME: TLO020-31	TYPE:10.7D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 51.94 lm/W			
MODEL		I _{max} (cd)	22506	S/MH(C0/180)	0.23
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.16
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1090.3	η UP,DN(C0-180)	1.2,55.5
NOMINAL FLUX(lm)	1090.35	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,42.0
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	97.5	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: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO020-31 36V500mA CHM-6-30-90-36-BH40-F4-3 10.7D 3000K CRI90 NA

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	119.3	132.9	305.9	649.6	343.7	316.4	172.5	92.68	0- 10	775.6	775.6	71.1,71.1
20	12.38	14.14	22.00	29.42	19.88	20.55	15.26	11.16	10- 20	201.7	977.3	89.6,89.6
30	3.354	3.759	4.920	5.882	4.464	4.695	4.111	3.501	20- 30	40.41	1018	93.3,93.3
40	1.513	1.710	2.133	2.357	1.851	2.039	1.955	1.676	30- 40	17.88	1036	95,95
50	0.9493	1.084	1.364	1.383	1.094	1.210	1.226	1.035	40- 50	11.44	1047	96,96
60	0.6113	0.6781	0.8608	0.8642	0.6450	0.7276	0.6957	0.6787	50- 60	8.210	1055	96.8,96.8
70	0.1814	0.2191	0.4301	0.5724	0.3946	0.4175	0.2542	0.1632	60- 70	5.652	1061	97.3,97.3
80	0.0496	0.0577	0.0812	0.0987	0.0674	0.0640	0.0703	0.0413	70- 80	1.527	1062	97.4,97.4
90	0.0179	0.0219	0.0273	0.0274	0.0189	0.0204	0.0268	0.0255	80- 90	0.4308	1063	97.5,97.5
100	0.0272	0.0312	0.0352	0.0294	0.0269	0.0295	0.0374	0.0372	90-100	0.2882	1063	97.5,97.5
110	0.0322	0.0359	0.0391	0.0365	0.0327	0.0361	0.0401	0.0381	100-110	0.3674	1064	97.5,97.5
120	0.0400	0.0440	0.0460	0.0407	0.0343	0.0385	0.0470	0.0494	110-120	0.3801	1064	97.6,97.6
130	0.1370	0.1458	0.1068	0.0784	0.0744	0.0875	0.1508	0.2196	120-130	0.5916	1065	97.6,97.6
140	0.9763	1.070	0.8906	0.6166	0.6417	0.7634	1.174	1.354	130-140	3.291	1068	97.9,97.9
150	1.497	1.677	1.851	1.692	1.432	1.620	1.915	1.861	140-150	8.668	1076	98.7,98.7
160	1.598	1.780	2.052	1.925	1.610	1.813	2.106	1.912	150-160	8.251	1085	99.5,99.5
170	0.8753	1.001	1.634	1.583	1.238	1.340	1.381	0.8475	160-170	4.795	1090	99.9,99.9
180	0.4298	0.5253	0.6284	0.5741	0.4315	0.5197	0.6212	0.5794	170-180	0.8413	1090	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

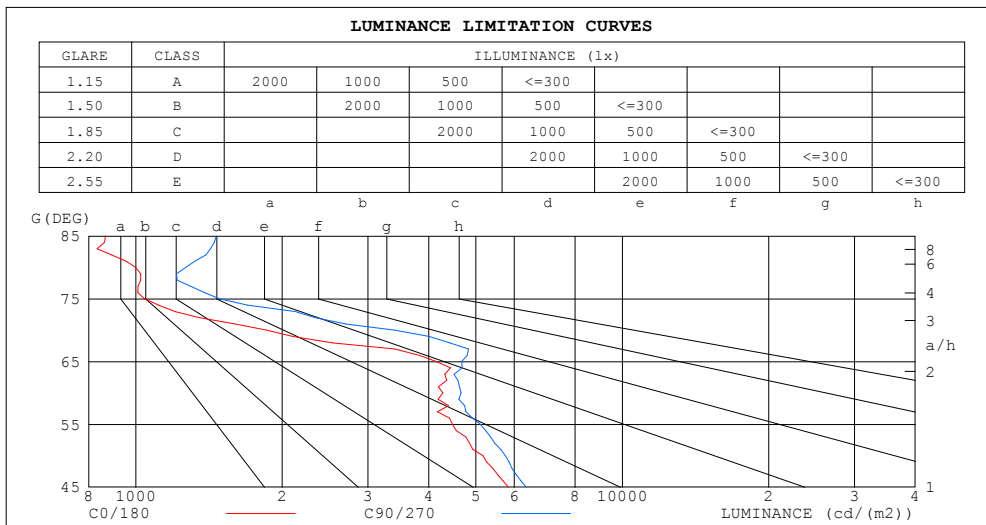
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:28DEG
 Operators:CJY
 Test Date:2024-08-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:

TLO020-31 36V500mA CHM-6-30-90-36-BH40-F4-3 10.7D 3000K CRI90 NA

LUMINANCE LIMITATION CURVES

NAME: TLO020-31	TYPE:10.7D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	866	1463
80	999	1267
75	1042	1486
70	1856	3405
65	4146	4674
60	4277	4661
55	4474	5110
50	5167	5747
45	5835	6356

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-30

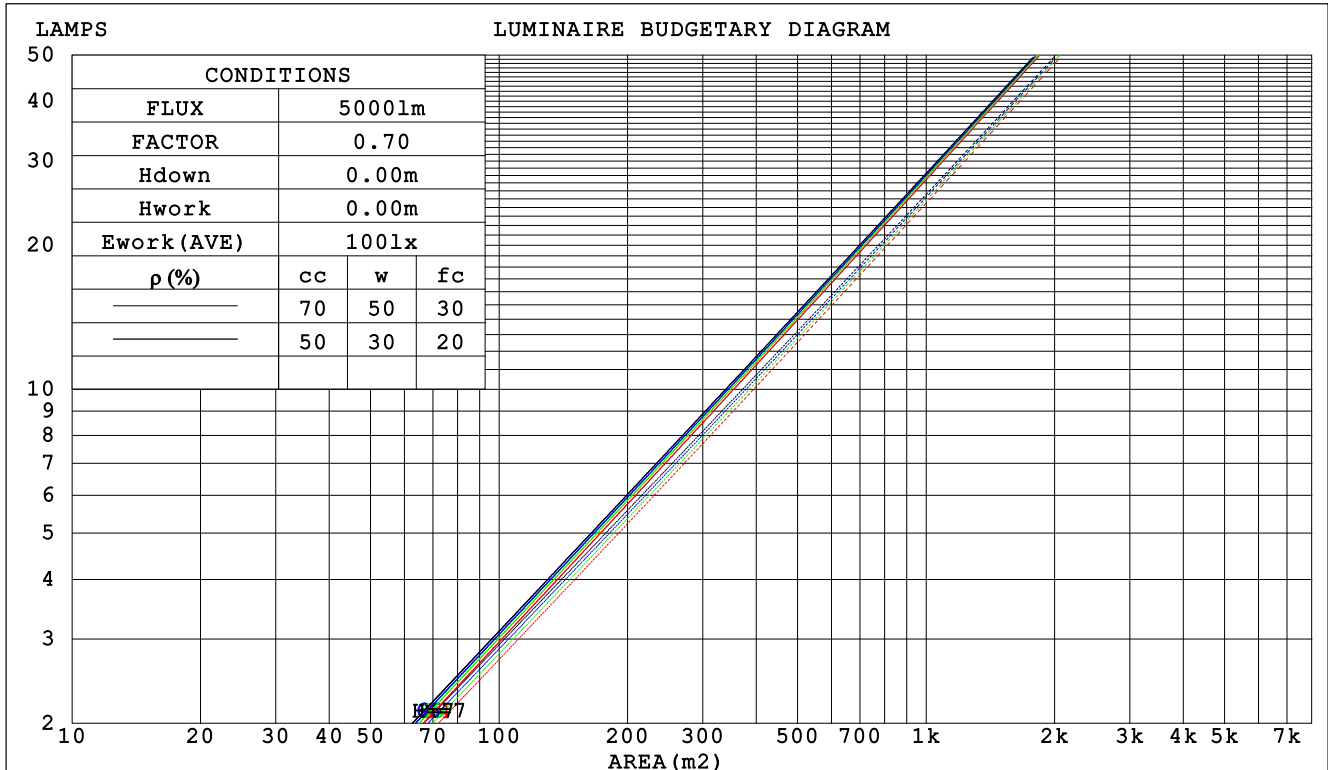
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO020-31 36V500mA CHM-6-30-90-36-BH40-F4-3 10.7D 3000K CRI90 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO020-31	TYPE:10.7D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	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	.97
1.0	1.13	1.12	1.10	1.11	1.09	1.08	1.07	1.05	1.04	1.02	1.02	1.01	.99	.98	.98	.96
2.0	1.09	1.07	1.04	1.07	1.05	1.03	1.04	1.02	1.01	1.01	.99	.98	.98	.97	.96	.94
3.0	1.06	1.03	1.00	1.04	1.02	.99	1.01	.99	.98	.99	.97	.96	.97	.95	.94	.93
4.0	1.03	.00	.97	1.02	.99	.97	.99	.97	.95	.97	.95	.94	.95	.94	.93	.92
5.0	1.00	.97	.95	.99	.97	.94	.98	.95	.93	.96	.94	.92	.94	.93	.91	.90
6.0	.98	.95	.93	.98	.95	.92	.96	.94	.92	.95	.93	.91	.93	.92	.90	.89
7.0	.97	.93	.91	.96	.93	.91	.95	.92	.90	.94	.91	.90	.93	.91	.89	.88
8.0	.95	.92	.90	.95	.92	.90	.94	.91	.89	.93	.90	.89	.92	.90	.88	.88
9.0	.94	.91	.89	.93	.90	.89	.92	.90	.88	.92	.89	.88	.91	.89	.87	.87
10.0	.92	.90	.88	.92	.89	.88	.91	.89	.87	.91	.88	.87	.90	.88	.87	.86



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO020-31 36V500mA CHM-6-30-90-36-BH40-F4-3 10.7D 3000K CRI90 NA

WEC AND CCEC

NAME: TLO020-31	TYPE:10.7D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	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	.118	.067	.021	.111	.063	.020	.097	.056	.018	.084	.049	.016	.073	.042	.014		
2.0	.107	.059	.018	.101	.056	.017	.089	.050	.015	.079	.044	.014	.069	.039	.012		
3.0	.097	.052	.016	.092	.049	.015	.083	.045	.014	.074	.041	.012	.066	.037	.011		
4.0	.089	.046	.014	.085	.045	.013	.077	.041	.012	.070	.037	.011	.063	.034	.010		
5.0	.083	.042	.012	.079	.041	.012	.072	.038	.011	.066	.035	.010	.060	.032	.010		
6.0	.077	.038	.011	.073	.037	.011	.068	.035	.010	.062	.032	.009	.057	.030	.009		
7.0	.071	.035	.010	.069	.034	.010	.064	.032	.009	.059	.030	.009	.054	.028	.008		
8.0	.067	.033	.009	.065	.032	.009	.060	.030	.009	.056	.028	.008	.052	.027	.008		
9.0	.063	.030	.009	.061	.030	.008	.057	.028	.008	.053	.027	.008	.050	.025	.007		
10.0	.060	.029	.008	.058	.028	.008	.054	.027	.007	.051	.025	.007	.048	.024	.007		

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	.210	.210	.210	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.186	.177	.169	.159	.152	.145	.109	.105	.101	.063	.061	.058	.020	.019	.019	
2.0	.167	.152	.140	.143	.131	.121	.098	.091	.084	.057	.053	.049	.018	.017	.016	
3.0	.151	.133	.118	.129	.114	.103	.089	.080	.072	.051	.046	.042	.016	.015	.014	
4.0	.137	.117	.102	.118	.101	.088	.081	.071	.062	.047	.041	.037	.015	.013	.012	
5.0	.126	.104	.089	.108	.090	.077	.074	.063	.055	.043	.037	.032	.014	.012	.011	
6.0	.116	.094	.079	.099	.082	.069	.069	.057	.048	.040	.034	.029	.013	.011	.010	
7.0	.107	.086	.070	.092	.074	.061	.064	.052	.043	.037	.031	.026	.012	.010	.009	
8.0	.100	.078	.064	.086	.068	.056	.060	.048	.039	.035	.028	.023	.011	.009	.008	
9.0	.094	.072	.058	.081	.063	.051	.056	.044	.036	.033	.026	.022	.011	.009	.007	
10.0	.088	.067	.054	.076	.059	.047	.053	.041	.033	.031	.024	.020	.010	.008	.007	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO020-31 36V500mA CHM-6-30-90-36-BH40-F4-3 10.7D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO020-31					TYPE:10.7D					WEIGHT:1				
SPEC.:3000K CRI90					DIM.:					SERIAL No.:				
MFR.:					SUR.:65					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					7.8	8.3	8.0	8.5	8.6	8.1	8.6	8.4	8.8	9.0
3H					8.5	8.9	8.7	9.1	9.4	9.2	9.7	9.5	9.9	10.1
4H					8.5	8.9	8.7	9.1	9.4	9.2	9.7	9.5	9.9	10.2
6H					8.4	8.9	8.7	9.1	9.4	9.2	9.7	9.5	9.9	10.2
8H					8.4	8.8	8.7	9.1	9.4	9.2	9.6	9.5	9.9	10.2
12H					8.4	8.8	8.7	9.1	9.4	9.2	9.6	9.6	9.9	10.2
4H 2H					8.3	8.7	8.6	9.0	9.2	8.6	9.0	8.8	9.2	9.5
3H					8.9	9.3	9.2	9.6	9.9	9.6	10.0	9.9	10.3	10.6
4H					8.9	9.2	9.2	9.6	9.9	9.6	10.0	10.0	10.3	10.7
6H					8.9	9.2	9.3	9.6	9.9	9.6	9.9	10.0	10.3	10.7
8H					8.8	9.1	9.3	9.5	9.9	9.6	9.9	10.0	10.3	10.7
12H					8.8	9.1	9.2	9.5	9.9	9.6	9.9	10.0	10.3	10.7
8H 4H					8.8	9.1	9.2	9.5	9.9	9.5	9.8	9.9	10.2	10.6
6H					8.8	9.1	9.3	9.5	9.9	9.5	9.8	10.0	10.2	10.7
8H					8.8	9.0	9.3	9.5	9.9	9.5	9.8	10.0	10.2	10.7
12H					8.7	8.9	9.3	9.4	9.9	9.5	9.7	10.0	10.2	10.7
12H 4H					8.7	9.0	9.2	9.4	9.9	9.4	9.7	9.9	10.1	10.6
6H					8.7	9.0	9.2	9.4	9.9	9.5	9.7	9.9	10.1	10.6
8H					8.7	8.9	9.2	9.4	9.9	9.5	9.7	10.0	10.2	10.7
Variations with the observer position at spacings:														
S = 1.0H					+ 0.7 / - 1.2					+ 0.4 / - 0.7				
1.5H					+ 0.8 / - 0.5					+ 0.8 / - 0.7				
2.0H					+ 0.7 / - 1.3					+ 0.8 / - 1.4				

CIE Pub.117, 1090 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.3)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO020-31 36V500mA CHM-6-30-90-36-BH40-F4-3 10.7D 3000K CRI90 NA

UTILIZATION FACTORS TABLE

NAME: TLO020-31	TYPE:10.7D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	82	79	87	82	79	75
0.80	96	90	87	95	90	86	93	89	86	82
1.00	100	94	91	99	94	90	97	93	90	86
1.25	103	98	95	102	98	95	100	96	94	89
1.50	106	101	98	104	100	98	102	99	96	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	109	107	104	106	103	102	95
4.00	113	111	109	111	109	107	107	105	104	96
5.00	115	113	111	112	110	109	108	107	105	97
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

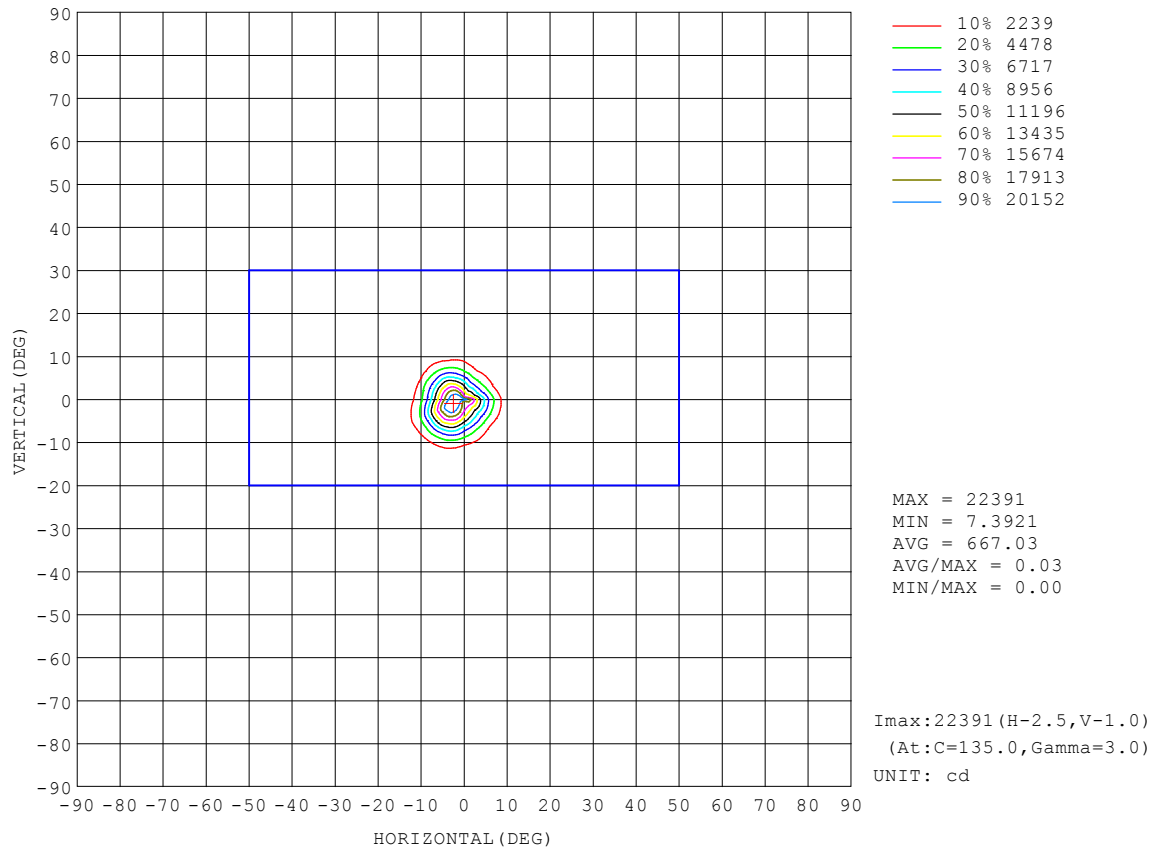
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 C Interval: 22.5DEG
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 Temperature: 28DEG
 Operators: CJY
 Test Date: 2024-08-30

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 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 5.190m [K=1.0000]
 Remarks:

TLO020-31 36V500mA CHM-6-30-90-36-BH40-F4-3 10.7D 3000K CRI90 NA

ISOCANDELA DIAGRAM

NAME: TLO020-31	TYPE:10.7D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	Shielding Angle:



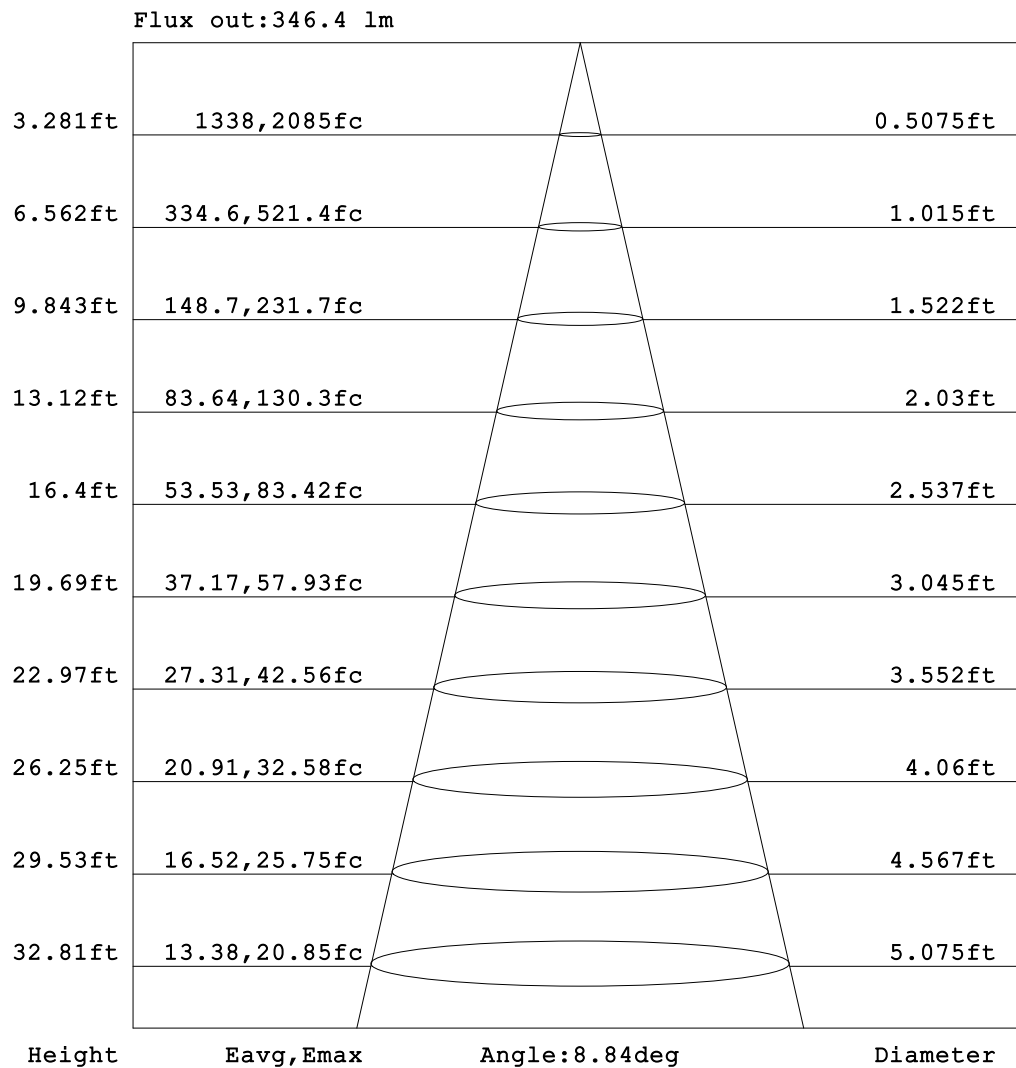
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:28DEG
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
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 Remarks:

TLO020-31 36V500mA CHM-6-30-90-36-BH40-F4-3 10.7D 3000K CRI90 NA

AAI Figure

NAME: TLO020-31	TYPE:10.7D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	Shielding Angle:



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

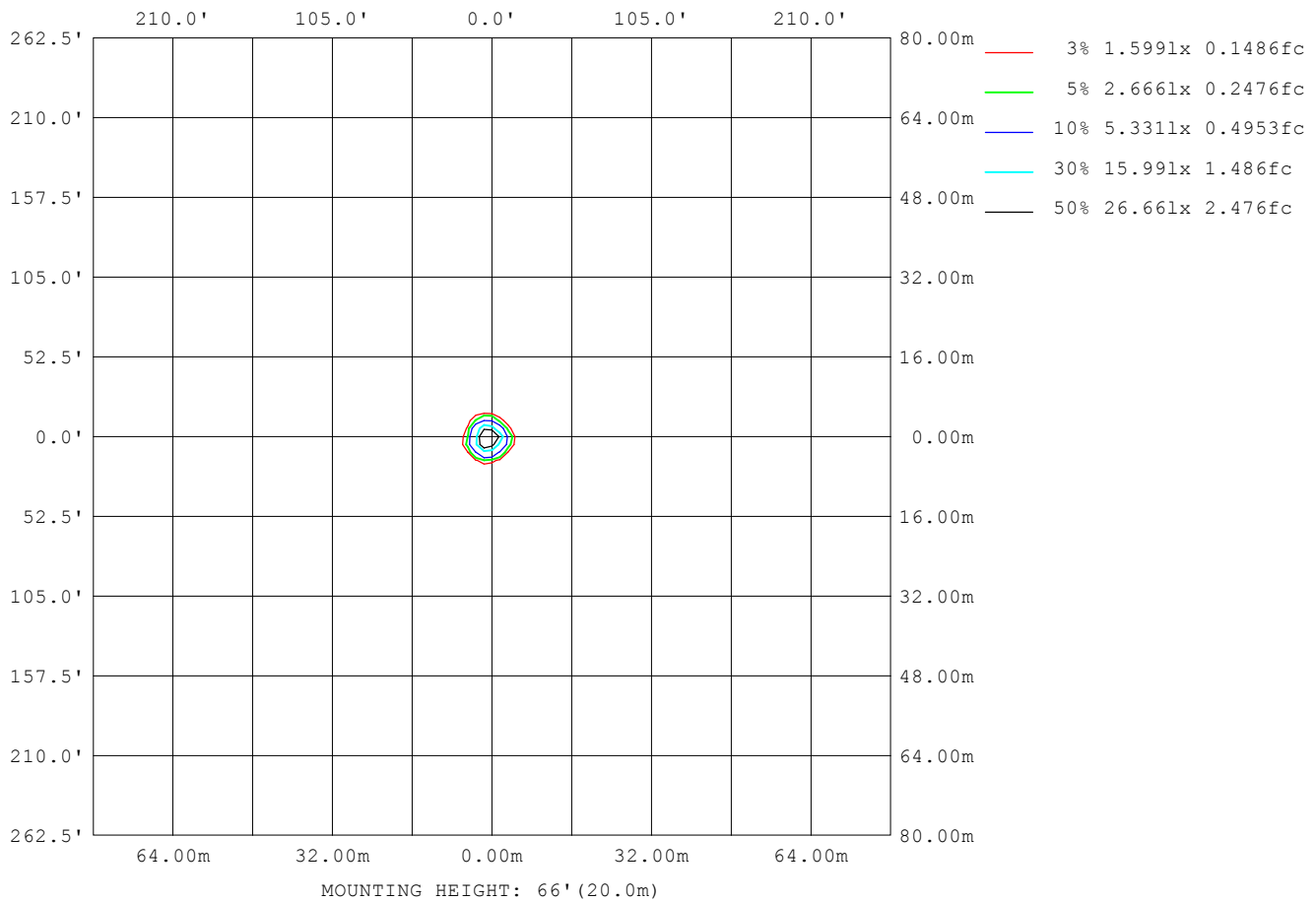
C Range: 0 - 360DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
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Remarks:

TLO020-31 36V500mA CHM-6-30-90-36-BH40-F4-3 10.7D 3000K CRI90 NA

ISOLUX DIAGRAM

NAME: TLO020-31	TYPE:10.7D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO020-31 36V500mA CHM-6-30-90-36-BH40-F4-3 10.7D 3000K CRI90 NA

LED Avg.L Report

NAME: TLO020-31	TYPE:10.7D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	Shielding Angle:

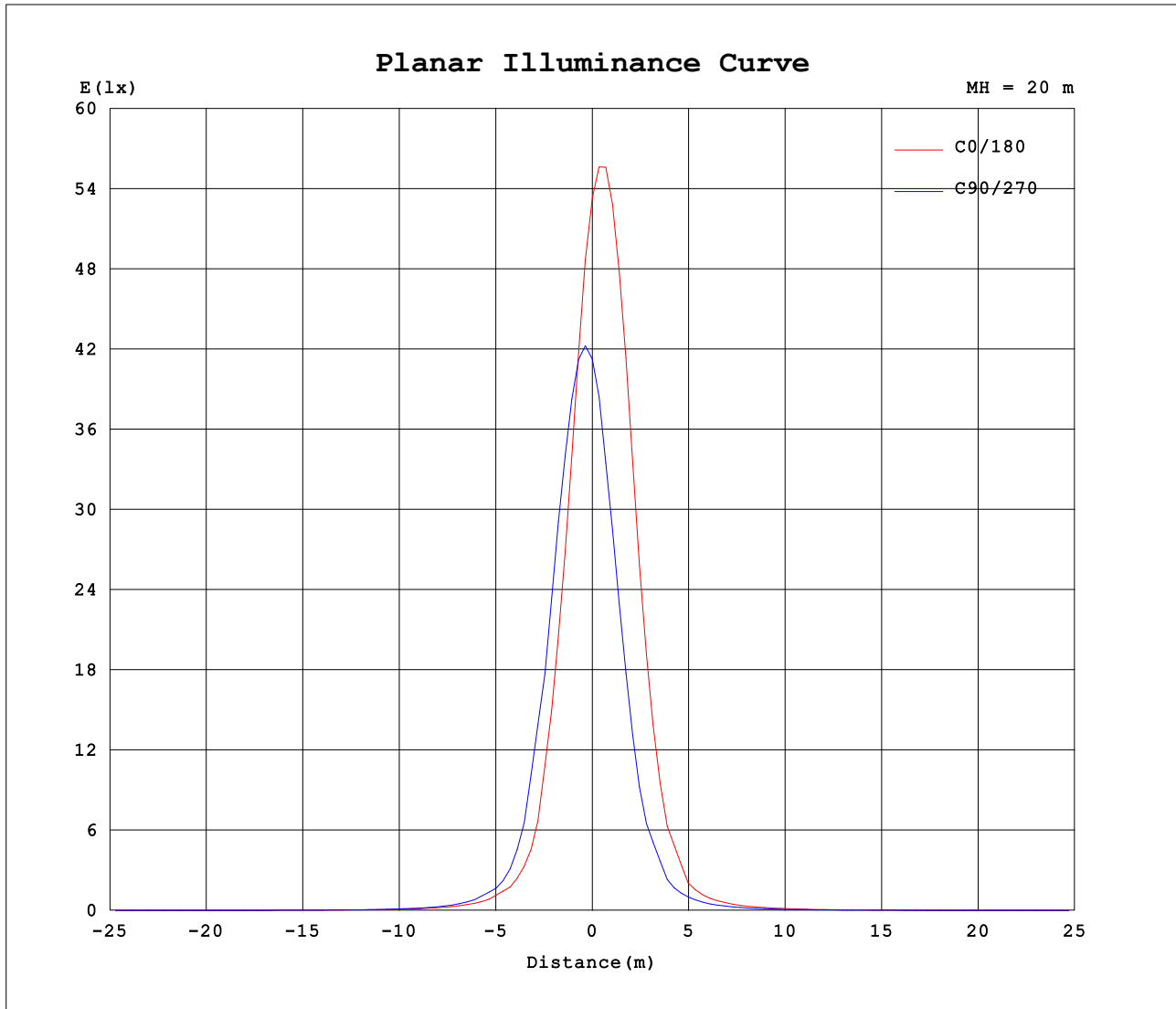
AvgL	cd/m2
L_0~180 (65) av	3822
L_0~180 (75) av	1174
L_0~180 (85) av	1077
L_90~270 (65) av	4973
L_90~270 (75) av	1441
L_90~270 (85) av	1363
L_45 (65) av	4286
L_45 (75) av	1469
L_45 (85) av	1267

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

Planar Illuminance Curve



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 Remarks:

TLO020-31 36V500mA CHM-6-30-90-36-BH40-F4-3 10.7D 3000K CRI90 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO020-31	TYPE:10.7D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	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	1838	1838	1838	1838	1838	1838	1838	1838	1838	1838	1838	1838	1838	1838	1838	1838			
5	716	742	760	989	1311	1803	2034	2007	1441	1386	1321	1046	801	596	517	573			
10	119	138	133	222	306	551	650	636	344	357	316	208	173	104	92.7	89.5			
15	32.2	34.7	37.2	48.5	68.1	97.1	101	96.9	59.0	56.7	60.5	52.5	39.4	30.2	27.8	26.9			
20	12.4	13.7	14.1	17.8	22.0	29.7	29.4	28.7	19.9	19.7	20.5	17.3	15.3	11.9	11.2	10.8			
25	5.98	6.28	6.81	7.93	9.37	11.9	11.9	11.6	8.52	8.63	8.84	7.83	6.91	5.95	5.57	5.39			
30	3.35	3.59	3.76	4.33	4.92	5.91	5.88	5.78	4.46	4.58	4.70	4.42	4.11	3.73	3.50	3.34			
35	2.17	2.27	2.40	2.77	3.16	3.62	3.59	3.52	2.83	2.94	3.06	2.89	2.71	2.44	2.27	2.15			
40	1.51	1.59	1.71	1.92	2.13	2.37	2.36	2.29	1.85	1.92	2.04	2.02	1.95	1.81	1.68	1.57			
45	1.18	1.23	1.34	1.51	1.66	1.78	1.72	1.66	1.37	1.42	1.54	1.56	1.56	1.46	1.33	1.25			
50	0.95	0.99	1.08	1.23	1.36	1.45	1.38	1.32	1.09	1.13	1.21	1.23	1.23	1.12	1.04	0.99			
55	0.73	0.78	0.82	0.97	1.08	1.17	1.12	1.06	0.86	0.88	0.94	0.94	0.92	0.82	0.79	0.75			
60	0.61	0.63	0.68	0.80	0.86	0.87	0.86	0.80	0.65	0.67	0.73	0.70	0.70	0.72	0.68	0.65			
65	0.50	0.55	0.55	0.66	0.73	0.76	0.72	0.65	0.57	0.58	0.63	0.66	0.66	0.57	0.50	0.47			
70	0.18	0.17	0.22	0.29	0.43	0.58	0.57	0.52	0.39	0.40	0.42	0.31	0.25	0.19	0.16	0.15			
75	0.08	0.08	0.09	0.12	0.14	0.19	0.21	0.18	0.12	0.13	0.13	0.12	0.11	0.09	0.08	0.07			
80	0.05	0.05	0.06	0.07	0.08	0.10	0.10	0.10	0.07	0.07	0.06	0.07	0.07	0.06	0.04	0.04			
85	0.02	0.02	0.03	0.03	0.05	0.06	0.06	0.06	0.04	0.04	0.04	0.03	0.03	0.03	0.02	0.02			
90	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.02			
95	0.02	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03			
100	0.03	0.03	0.03	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.03			
105	0.03	0.03	0.03	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04			
110	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04			
115	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04			
120	0.04	0.04	0.04	0.05	0.05	0.05	0.04	0.04	0.03	0.03	0.04	0.04	0.05	0.05	0.05	0.04			
125	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.04	0.04	0.05	0.06	0.07	0.08	0.08	0.07			
130	0.14	0.14	0.15	0.12	0.11	0.09	0.08	0.07	0.07	0.08	0.09	0.11	0.15	0.21	0.22	0.20			
135	0.44	0.44	0.47	0.39	0.31	0.23	0.20	0.18	0.22	0.23	0.26	0.35	0.50	0.67	0.70	0.62			
140	0.98	0.99	1.07	1.00	0.89	0.71	0.62	0.57	0.64	0.68	0.76	0.95	1.17	1.37	1.35	1.24			
145	1.35	1.39	1.51	1.55	1.54	1.41	1.28	1.19	1.17	1.22	1.34	1.53	1.70	1.80	1.72	1.59			
150	1.50	1.54	1.68	1.79	1.85	1.82	1.69	1.58	1.43	1.49	1.62	1.78	1.91	1.97	1.86	1.73			
155	1.57	1.62	1.76	1.89	1.98	1.97	1.85	1.72	1.54	1.59	1.74	1.89	2.03	2.07	1.95	1.81			
160	1.60	1.64	1.78	1.95	2.05	2.06	1.93	1.80	1.61	1.66	1.81	1.97	2.11	2.12	1.91	1.78			
165	1.41	1.40	1.60	1.90	2.04	2.06	1.93	1.81	1.59	1.65	1.78	1.91	2.02	1.90	1.50	1.37			
170	0.88	0.86	1.00	1.43	1.63	1.69	1.58	1.51	1.24	1.30	1.34	1.38	1.38	1.19	0.85	0.79			
175	0.51	0.51	0.60	0.75	0.86	0.95	0.94	0.88	0.67	0.71	0.75	0.75	0.72	0.67	0.56	0.50			
180	0.43	0.45	0.53	0.57	0.63	0.62	0.57	0.49	0.43	0.45	0.52	0.58	0.62	0.62	0.58	0.49			

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