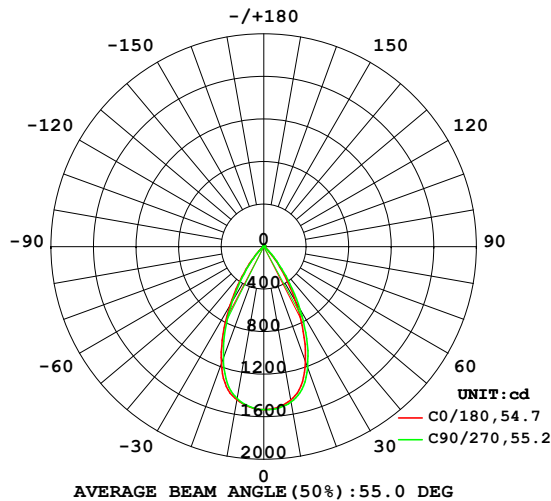


LUMINAIRE PHOTOMETRIC TEST REPORT

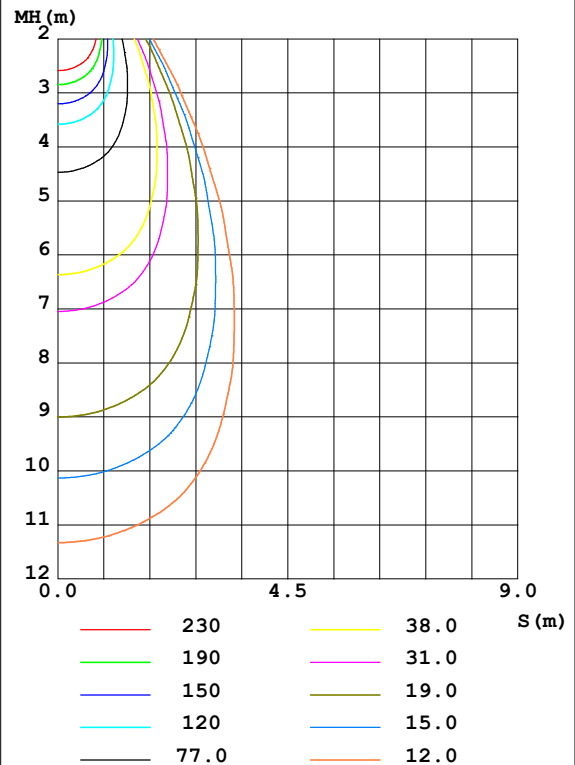
NAME: TLO020-31-CCT	TYPE:55D	WEIGHT:1
SPEC.:4000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 67.61 lm/W			
MODEL		Imax(cd)	1534	S/MH(C0/180)	0.84
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.82
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1302.4	η UP,DN(C0-180)	1.2,51.0
NOMINAL FLUX(lm)	1302.39	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,46.6
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	97.6	CIBSE SHR MAX	0.85

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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

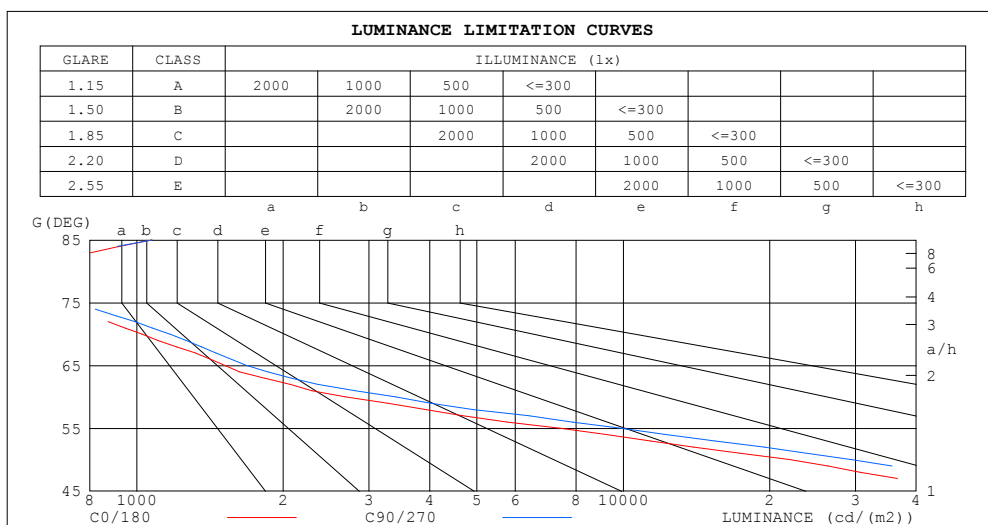
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1465	1474	1483	1486	1462	1459	1449	1446	0- 10	143.2	143.2	11,11
20	1146	1176	1205	1235	1167	1160	1115	1103	10- 20	376.2	519.4	39.9,39.9
30	604.6	636.7	681.2	705.4	633.5	614.5	589.8	562.5	20- 30	408.9	928.3	71.3,71.3
40	192.3	203.9	233.3	251.3	211.4	207.9	188.8	168.4	30- 40	244.9	1173	90.1,90.1
50	35.90	38.44	48.28	52.22	41.87	39.78	34.27	28.71	40- 50	81.94	1255	96.4,96.4
60	3.408	3.589	4.339	5.181	4.120	3.671	2.992	2.768	50- 60	13.62	1269	97.4,97.4
70	0.8901	0.9208	1.020	1.113	0.9534	0.9070	0.7635	0.6965	60- 70	1.844	1271	97.6,97.6
80	0.2730	0.2603	0.2809	0.3015	0.2198	0.2137	0.2011	0.2013	70- 80	0.5083	1271	97.6,97.6
90	0.2354	0.2315	0.2321	0.2281	0.1959	0.1941	0.2035	0.2061	80- 90	0.2344	1271	97.6,97.6
100	0.4374	0.4251	0.3909	0.3673	0.3523	0.3641	0.4027	0.4124	90-100	0.3057	1272	97.6,97.6
110	1.180	1.150	1.066	0.9843	0.9670	1.015	1.131	1.186	100-110	0.7118	1272	97.7,97.7
120	2.965	2.912	2.734	2.589	2.566	2.679	2.900	3.010	110-120	1.814	1274	97.8,97.8
130	5.877	5.755	5.520	5.338	5.390	5.541	5.846	5.986	120-130	3.686	1278	98.1,98.1
140	9.384	9.261	9.029	8.819	8.946	9.100	9.405	9.508	130-140	5.683	1284	98.6,98.6
150	12.60	12.56	12.41	12.25	12.25	12.44	12.62	12.58	140-150	6.796	1290	99.1,99.1
160	14.48	14.57	14.68	14.45	14.39	14.51	14.70	14.39	150-160	6.271	1297	99.6,99.6
170	15.57	15.61	15.83	15.67	15.65	15.72	15.73	15.46	160-170	4.268	1301	99.9,99.9
180	16.51	16.65	16.64	16.64	16.53	16.67	16.65	16.65	170-180	1.528	1302	100,100
DEG	LUMINOUS INTENSITY:cd									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
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: TLO020-31-CCT	TYPE:55D	WEIGHT:1
SPEC.:4000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1074	1074
80	619	634
75	674	764
70	1024	1169
65	1517	1681
60	2683	3401
55	7417	9887
50	21987	29433
45	49554	64622

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

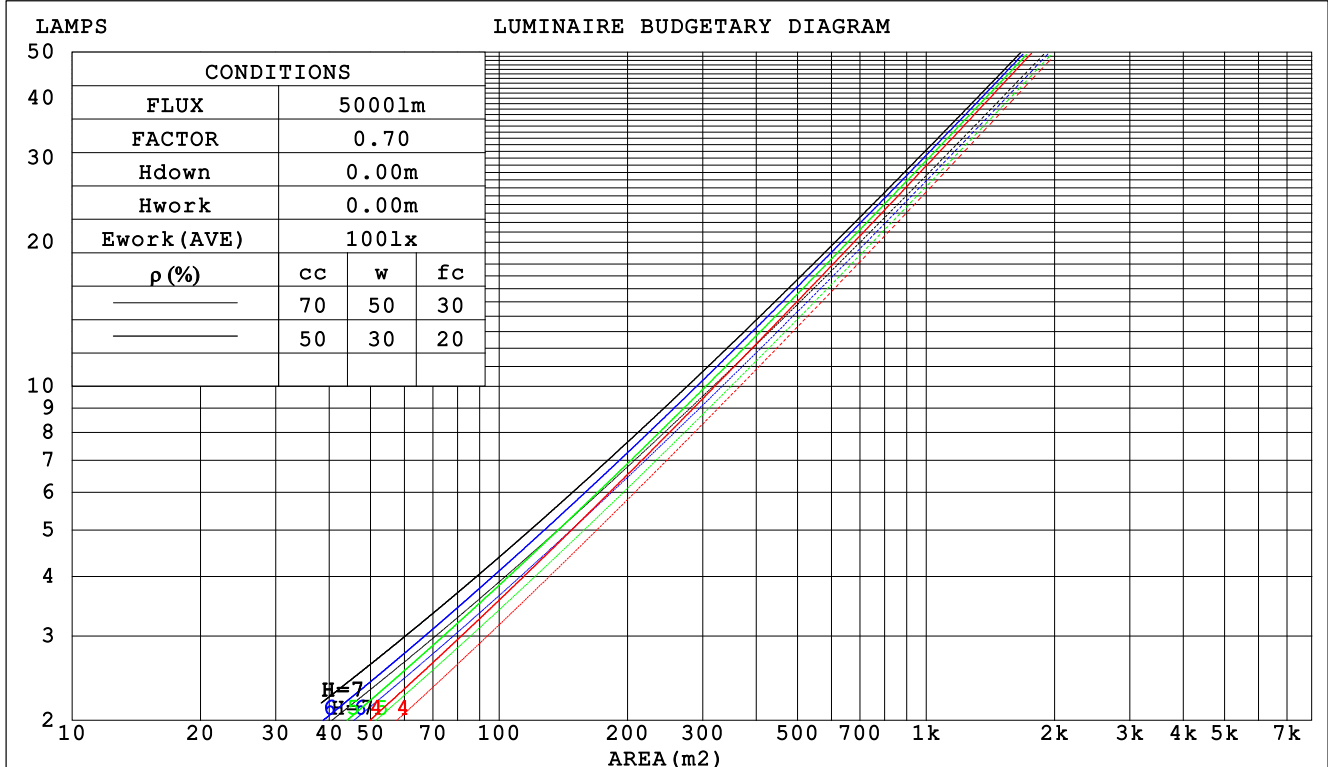
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO020-31-CCT 36V600mA TX-1825SW14A-2860V36-02H90 55D 4000K CRI90 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO020-31-CCT	TYPE:55D	WEIGHT:1
SPEC.:4000K 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	.98
1.0	1.10	1.08	1.06	1.08	1.06	1.04	1.03	1.02	1.00	.99	.98	.97	.95	.94	.93	.91
2.0	1.03	.99	.95	1.01	.97	.94	.97	.94	.92	.94	.91	.89	.91	.89	.87	.85
3.0	.96	.91	.87	.94	.90	.86	.91	.87	.84	.88	.85	.83	.86	.83	.81	.80
4.0	.89	.84	.80	.88	.83	.79	.86	.81	.78	.83	.80	.77	.81	.78	.76	.74
5.0	.84	.78	.74	.83	.77	.73	.81	.76	.72	.79	.75	.72	.77	.74	.71	.69
6.0	.79	.73	.69	.78	.72	.68	.76	.71	.68	.74	.70	.67	.73	.69	.66	.65
7.0	.74	.68	.64	.73	.68	.64	.72	.67	.63	.70	.66	.63	.69	.65	.62	.61
8.0	.70	.64	.60	.69	.64	.60	.68	.63	.59	.67	.62	.59	.66	.62	.59	.57
9.0	.66	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.55	.62	.58	.55	.54
10.0	.63	.57	.53	.62	.57	.53	.61	.56	.53	.60	.56	.52	.59	.55	.52	.51



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-CCT 36V600mA TX-1825SW14A-2860V36-02H90 55D 4000K CRI90 NA

WEC AND CCEC

NAME: TLO020-31-CCT	TYPE:55D	WEIGHT:1
SPEC.:4000K 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	.177	.101	.032	.170	.097	.031	.156	.089	.029	.143	.082	.026	.131	.076	.025		
2.0	.170	.093	.029	.163	.090	.028	.151	.084	.026	.140	.079	.025	.130	.074	.023		
3.0	.162	.086	.026	.156	.084	.025	.146	.079	.024	.136	.075	.023	.128	.071	.022		
4.0	.154	.080	.024	.149	.078	.023	.140	.074	.022	.132	.071	.021	.124	.068	.021		
5.0	.147	.075	.022	.143	.073	.021	.135	.070	.021	.128	.067	.020	.121	.064	.019		
6.0	.140	.070	.020	.136	.069	.020	.129	.066	.019	.123	.064	.019	.117	.062	.018		
7.0	.134	.066	.019	.131	.065	.019	.124	.063	.018	.119	.061	.018	.113	.059	.017		
8.0	.128	.063	.018	.125	.062	.017	.120	.060	.017	.114	.058	.017	.109	.056	.016		
9.0	.123	.059	.017	.120	.059	.016	.115	.057	.016	.110	.055	.016	.106	.054	.016		
10.0	.118	.057	.016	.115	.056	.016	.111	.054	.015	.107	.053	.015	.102	.052	.015		

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	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.189	.176	.163	.162	.151	.140	.111	.104	.097	.064	.060	.056	.020	.019	.018	
2.0	.174	.151	.131	.149	.130	.113	.102	.090	.079	.059	.052	.046	.019	.017	.015	
3.0	.162	.132	.108	.139	.114	.094	.095	.079	.066	.055	.046	.039	.018	.015	.013	
4.0	.152	.117	.091	.130	.102	.079	.090	.071	.056	.052	.041	.033	.017	.013	.011	
5.0	.143	.106	.078	.123	.092	.068	.085	.064	.048	.049	.038	.029	.016	.012	.009	
6.0	.136	.097	.068	.117	.084	.060	.081	.059	.042	.047	.034	.025	.015	.011	.008	
7.0	.130	.089	.061	.112	.077	.053	.077	.054	.038	.045	.032	.022	.014	.010	.007	
8.0	.124	.083	.055	.107	.072	.048	.074	.051	.034	.043	.030	.020	.014	.010	.007	
9.0	.119	.078	.050	.103	.068	.044	.071	.048	.031	.041	.028	.019	.013	.009	.006	
10.0	.115	.074	.046	.099	.064	.040	.068	.045	.029	.040	.027	.017	.013	.009	.006	

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-CCT 36V600mA TX-1825SW14A-2860V36-02H90 55D 4000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO020-31-CCT					TYPE:55D					WEIGHT:1				
SPEC.:4000K 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					20.6	21.5	20.9	21.7	22.0	21.3	22.3	21.6	22.5	22.7
3H					20.4	21.3	20.7	21.5	21.8	21.2	22.0	21.4	22.2	22.5
4H					20.3	21.1	20.7	21.4	21.7	21.1	21.9	21.4	22.1	22.4
6H					20.2	21.0	20.6	21.3	21.6	21.0	21.7	21.3	22.0	22.3
8H					20.2	20.9	20.5	21.2	21.5	20.9	21.6	21.3	21.9	22.2
12H					20.1	20.8	20.5	21.1	21.5	20.9	21.6	21.2	21.9	22.2
4H 2H					20.3	21.1	20.7	21.4	21.7	21.1	21.9	21.4	22.1	22.4
3H					20.2	20.8	20.5	21.2	21.5	20.9	21.6	21.2	21.9	22.2
4H					20.1	20.7	20.4	21.0	21.4	20.8	21.4	21.2	21.7	22.1
6H					20.0	20.5	20.4	20.9	21.3	20.7	21.2	21.1	21.6	22.0
8H					19.9	20.4	20.3	20.8	21.2	20.6	21.1	21.1	21.5	21.9
12H					19.8	20.3	20.3	20.7	21.2	20.6	21.0	21.0	21.4	21.9
8H 4H					19.9	20.4	20.3	20.8	21.2	20.6	21.1	21.1	21.5	21.9
6H					19.8	20.2	20.3	20.6	21.1	20.5	20.9	21.0	21.4	21.8
8H					19.7	20.1	20.2	20.6	21.0	20.5	20.8	20.9	21.3	21.8
12H					19.7	20.0	20.2	20.5	21.0	20.4	20.7	20.9	21.2	21.7
12H 4H					19.8	20.3	20.3	20.7	21.2	20.6	21.0	21.0	21.4	21.9
6H					19.7	20.1	20.2	20.6	21.0	20.5	20.8	20.9	21.3	21.8
8H					19.7	20.0	20.2	20.5	21.0	20.4	20.7	20.9	21.2	21.7
Variations with the observer position at spacings:														
S = 1.0H					+ 3.0 / -15.5					+ 3.3 / -15.2				
1.5H					+ 4.9 / -11.3					+ 5.2 / -11.9				
2.0H					+ 6.7 / -13.2					+ 7.1 / -14.4				

CIE Pub.117, 1302 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.9)

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:

UTILIZATION FACTORS TABLE

NAME: TLO020-31-CCT	TYPE:55D	WEIGHT:1
SPEC.:4000K 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) $k(RI) \times RCR = 5$									
$k = 0.60$	85	79	75	85	79	75	84	78	74	71
0.80	93	87	83	92	87	83	91	86	82	78
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	97	93	101	96	93	98	94	92	87
1.50	105	100	96	103	99	96	101	97	94	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	107	104	101	104	101	99	93
3.00	111	107	105	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	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: HIGH
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-30

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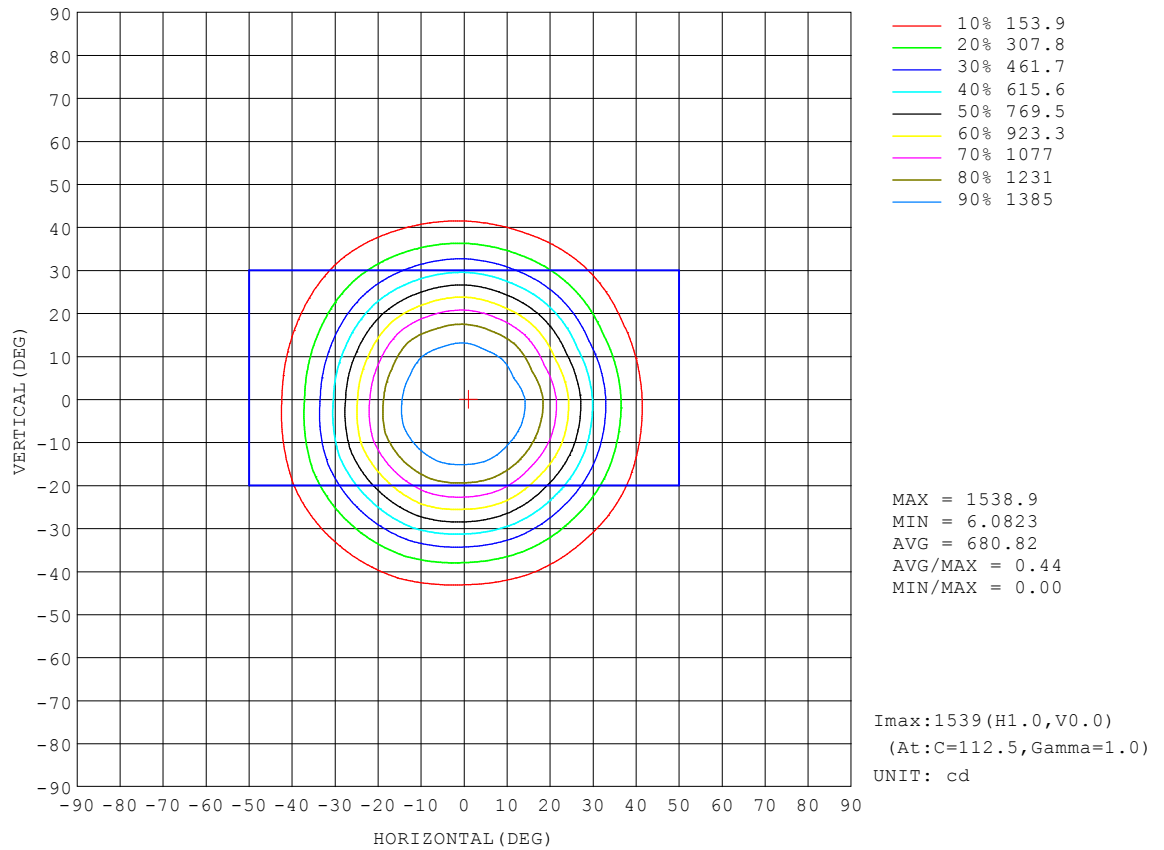
Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

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TLO020-31-CCT 36V600mA TX-1825SW14A-2860V36-02H90 55D 4000K CRI90 NA

ISOCANDELA DIAGRAM

NAME: TLO020-31-CCT	TYPE:55D	WEIGHT:1
SPEC.:4000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	Shielding Angle:

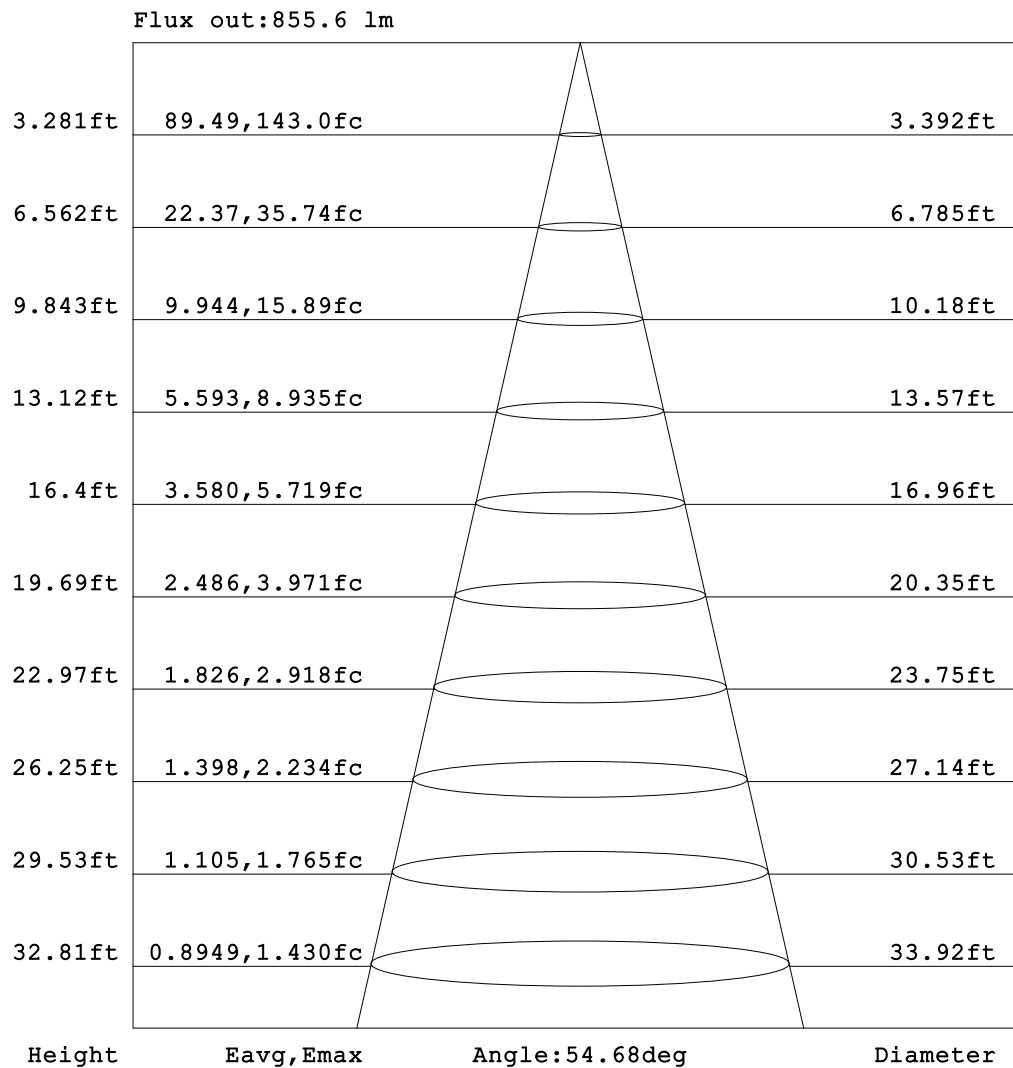


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-30

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:

AAI Figure

NAME: TLO020-31-CCT	TYPE:55D	WEIGHT:1
SPEC.:4000K 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.

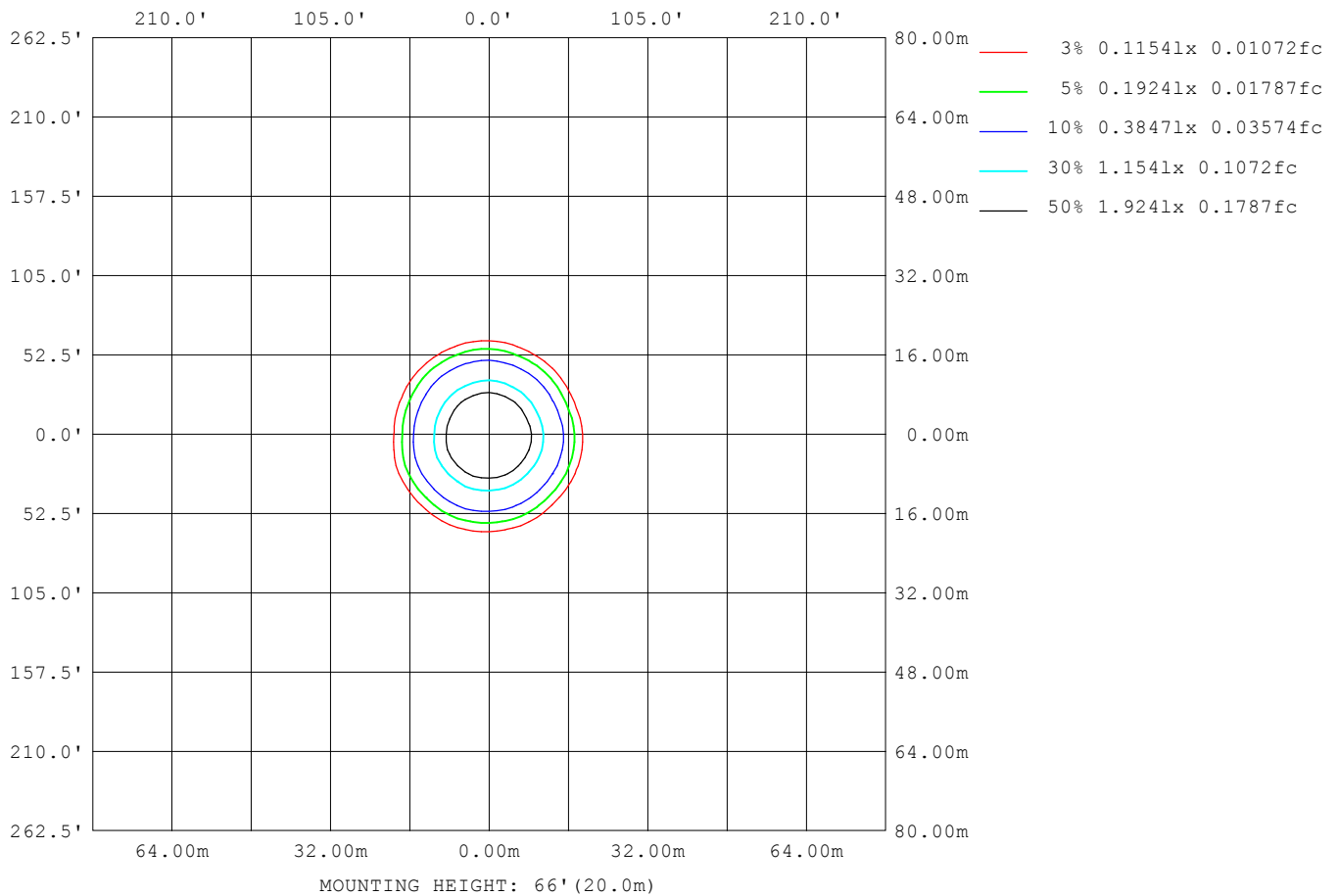
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-30

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-CCT 36V600mA TX-1825SW14A-2860V36-02H90 55D 4000K CRI90 NA

ISOLUX DIAGRAM

NAME: TLO020-31-CCT	TYPE:55D	WEIGHT:1
SPEC.:4000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	Shielding Angle:



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:

LED Avg.L Report

NAME: TLO020-31-CCT	TYPE:55D	WEIGHT:1
SPEC.:4000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	Shielding Angle:

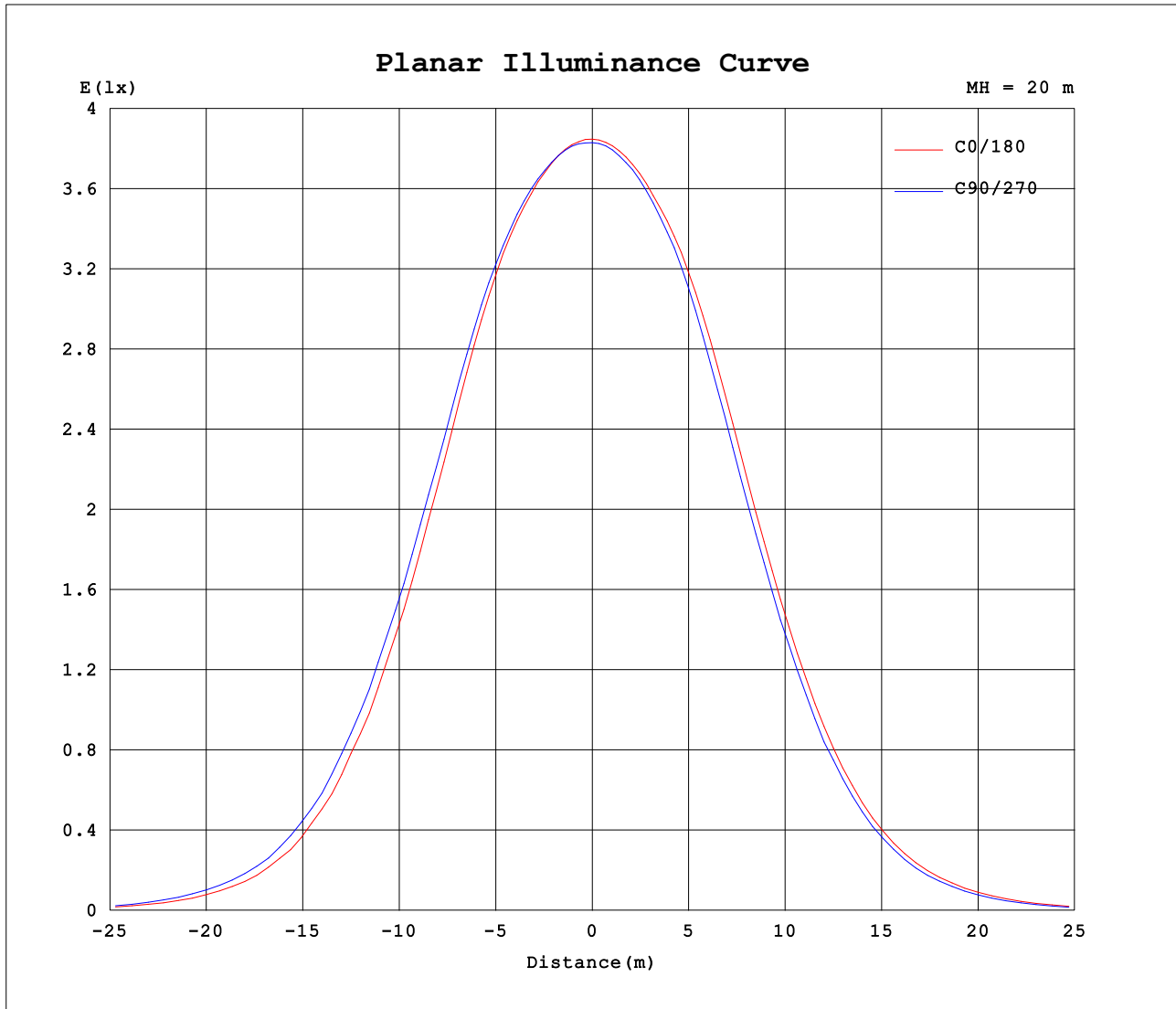
AvgL	cd/m2
L_0~180 (65) av	1562
L_0~180 (75) av	667
L_0~180 (85) av	945
L_90~270 (65) av	1482
L_90~270 (75) av	643
L_90~270 (85) av	950
L_45 (65) av	1551
L_45 (75) av	654
L_45 (85) av	935

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



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-CCT 36V600mA TX-1825SW14A-2860V36-02H90 55D 4000K CRI90 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO020-31-CCT	TYPE:55D	WEIGHT:1
SPEC.:4000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	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	1533	1533	1533	1533	1533	1533	1533	1533	1533	1533	1533	1533	1533	1533	1533	1533			
5	1517	1521	1521	1524	1525	1526	1525	1523	1514	1512	1511	1510	1510	1509	1512	1510			
10	1465	1473	1474	1482	1483	1488	1486	1481	1462	1457	1459	1451	1449	1444	1446	1446			
15	1355	1367	1373	1389	1391	1403	1401	1399	1363	1345	1352	1330	1329	1312	1326	1317			
20	1146	1168	1176	1201	1205	1232	1235	1232	1167	1145	1160	1121	1115	1095	1103	1091			
25	879	911	909	948	955	988	977	979	907	884	889	860	855	828	834	821			
30	605	634	637	669	681	714	705	704	633	613	614	597	590	566	562	552			
35	367	383	385	413	427	459	452	448	390	377	380	367	358	335	329	322			
40	192	200	204	222	233	256	251	249	211	204	208	198	189	172	168	163			
45	89.0	94.9	97.1	109	117	129	124	126	103	100.0	101	94.1	88.5	78.8	77.2	74.8			
50	35.9	37.8	38.4	44.2	48.3	53.5	52.2	52.5	41.9	39.8	39.8	36.1	34.3	29.6	28.7	27.8			
55	10.8	11.6	11.5	13.2	14.5	16.6	16.7	17.3	12.9	12.1	12.1	10.8	10.2	8.64	8.42	8.27			
60	3.41	3.71	3.59	3.98	4.34	5.05	5.18	5.32	4.12	3.77	3.67	3.21	2.99	2.65	2.77	2.79			
65	1.63	1.70	1.66	1.76	1.81	2.03	2.07	2.10	1.74	1.64	1.62	1.46	1.38	1.31	1.34	1.36			
70	0.89	0.94	0.92	0.99	1.02	1.11	1.11	1.15	0.95	0.92	0.91	0.83	0.76	0.71	0.70	0.71			
75	0.44	0.45	0.44	0.47	0.50	0.54	0.55	0.56	0.44	0.43	0.42	0.39	0.34	0.33	0.31	0.33			
80	0.27	0.25	0.26	0.25	0.28	0.27	0.30	0.28	0.22	0.24	0.21	0.23	0.20	0.22	0.20	0.21			
85	0.24	0.23	0.23	0.23	0.24	0.23	0.25	0.23	0.18	0.19	0.18	0.19	0.18	0.18	0.18	0.18			
90	0.24	0.25	0.23	0.24	0.23	0.24	0.23	0.24	0.20	0.18	0.19	0.18	0.20	0.18	0.21	0.18			
95	0.30	0.31	0.29	0.30	0.28	0.29	0.27	0.28	0.24	0.23	0.24	0.24	0.26	0.25	0.27	0.25			
100	0.44	0.44	0.43	0.42	0.39	0.39	0.37	0.38	0.35	0.34	0.36	0.37	0.40	0.41	0.41	0.40			
105	0.71	0.70	0.69	0.67	0.64	0.61	0.58	0.59	0.57	0.57	0.60	0.62	0.67	0.70	0.70	0.69			
110	1.18	1.14	1.15	1.10	1.07	1.00	0.98	0.97	0.97	1.00	1.02	1.08	1.13	1.20	1.19	1.19			
115	1.92	1.85	1.87	1.79	1.76	1.65	1.64	1.60	1.62	1.68	1.70	1.81	1.87	1.97	1.94	1.95			
120	2.97	2.87	2.91	2.77	2.73	2.58	2.59	2.53	2.57	2.66	2.68	2.83	2.90	3.05	3.01	3.03			
125	4.29	4.20	4.20	4.07	3.99	3.84	3.84	3.79	3.85	3.93	3.99	4.14	4.26	4.40	4.39	4.36			
130	5.88	5.76	5.76	5.60	5.52	5.35	5.34	5.30	5.39	5.48	5.54	5.70	5.85	6.01	5.99	5.94			
135	7.61	7.49	7.48	7.33	7.24	7.06	7.04	7.01	7.13	7.23	7.28	7.44	7.60	7.73	7.73	7.66			
140	9.38	9.29	9.26	9.14	9.03	8.86	8.82	8.82	8.95	9.03	9.10	9.25	9.40	9.53	9.51	9.43			
145	11.1	11.0	11.0	10.9	10.8	10.6	10.6	10.6	10.7	10.8	10.9	11.0	11.1	11.2	11.2	11.1			
150	12.6	12.5	12.6	12.4	12.4	12.2	12.3	12.2	12.3	12.3	12.4	12.6	12.6	12.7	12.6	12.5			
155	13.7	13.7	13.8	13.8	13.8	13.6	13.6	13.5	13.5	13.6	13.7	13.9	13.9	13.9	13.7	13.5			
160	14.5	14.5	14.6	14.7	14.7	14.6	14.4	14.4	14.4	14.4	14.5	14.7	14.7	14.6	14.4	14.2			
165	15.1	15.0	15.2	15.3	15.4	15.2	15.1	15.1	15.1	15.1	15.1	15.3	15.3	15.2	14.9	14.8			
170	15.6	15.6	15.6	15.8	15.8	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.5	15.4			
175	16.1	16.1	16.2	16.2	16.2	16.2	16.3	16.2	16.2	16.3	16.4	16.3	16.3	16.2	16.2	16.0			
180	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.4	16.5	16.5	16.7	16.6	16.7	16.6	16.6	16.4			

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