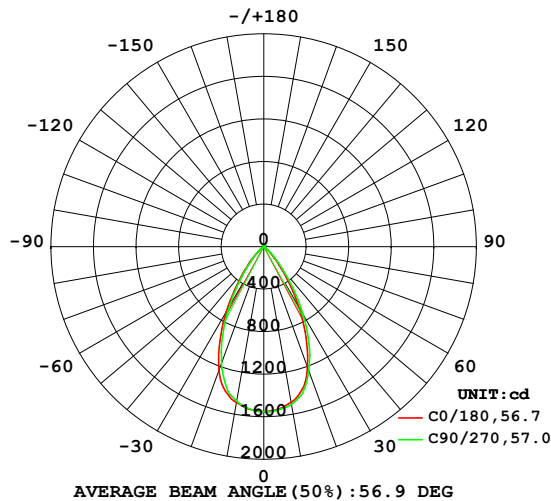


LUMINAIRE PHOTOMETRIC TEST REPORT

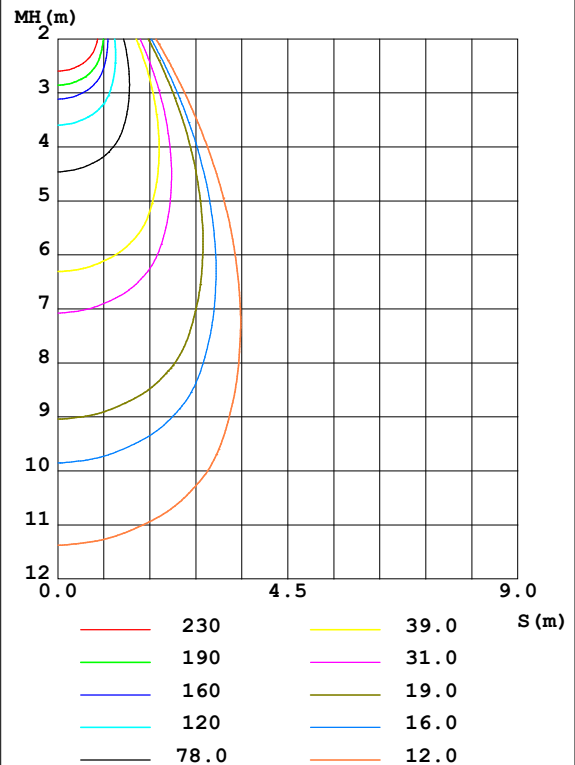
NAME: TLO020-31-CCT	TYPE: 56.9D	WEIGHT: 1
SPEC.: 5000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 65	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 72.50 lm/W
MODEL		Imax (cd)	1555	S/MH (C0/180)	0.87	
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	0.84	
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1394.2	η UP, DN (C0-180)	1.2, 50.8	
NOMINAL FLUX (lm)	1394.24	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 46.8	
LAMPS INSIDE	1	η up (%)	2.4	CIBSE SHR NOM	0.75	
TEST VOLTAGE (V)	120	η down (%)	97.6	CIBSE SHR MAX	0.90	

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:

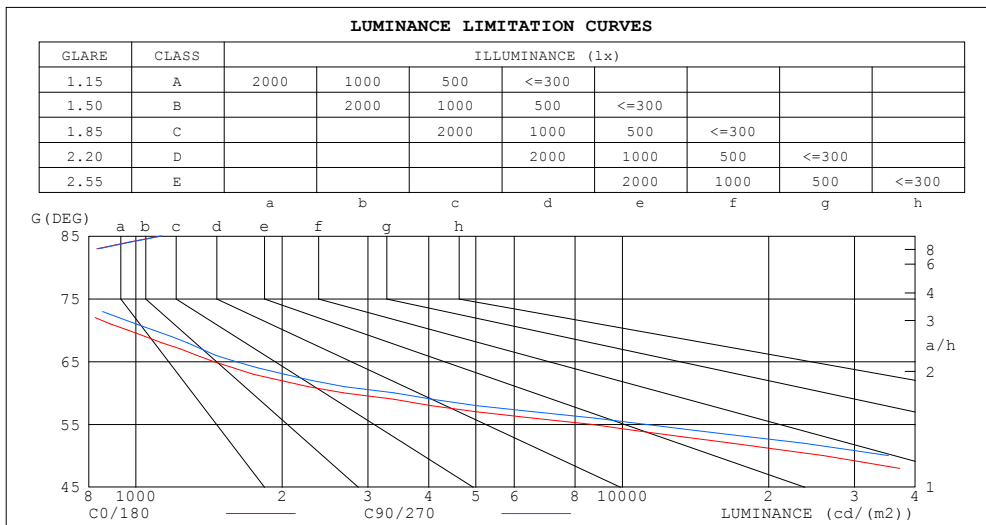
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1487	1494	1506	1512	1487	1487	1473	1471	0- 10	145.2	145.2	10.4,10.4
20	1203	1221	1240	1289	1233	1214	1164	1157	10- 20	386.9	532.2	38.2,38.2
30	667.5	680.0	739.9	775.7	705.8	678.4	646.1	623.8	20- 30	436.7	968.9	69.5,69.5
40	224.0	233.2	272.8	299.9	252.5	242.1	220.6	198.1	30- 40	276.4	1245	89.3,89.3
50	42.51	44.00	57.75	66.29	51.85	48.26	41.04	35.22	40- 50	97.21	1342	96.3,96.3
60	3.408	3.316	4.335	5.670	4.384	3.721	2.843	2.776	50- 60	16.02	1358	97.4,97.4
70	0.8405	0.8361	0.9490	1.077	0.9043	0.8578	0.7124	0.6506	60- 70	1.797	1360	97.6,97.6
80	0.2895	0.2740	0.2983	0.3161	0.2340	0.2296	0.2054	0.2031	70- 80	0.4945	1361	97.6,97.6
90	0.2539	0.2451	0.2430	0.2408	0.2077	0.1988	0.2122	0.2166	80- 90	0.2461	1361	97.6,97.6
100	0.4943	0.4766	0.4479	0.4126	0.3847	0.3935	0.4445	0.4754	90-100	0.3341	1361	97.6,97.6
110	1.366	1.310	1.209	1.121	1.092	1.128	1.280	1.373	100-110	0.8080	1362	97.7,97.7
120	3.330	3.228	3.023	2.875	2.839	2.924	3.208	3.389	110-120	2.037	1364	97.8,97.8
130	6.406	6.264	5.995	5.790	5.818	5.936	6.304	6.521	120-130	4.037	1368	98.1,98.1
140	10.03	9.883	9.619	9.383	9.480	9.616	9.977	10.15	130-140	6.095	1374	98.6,98.6
150	13.29	13.28	13.09	12.88	12.84	13.04	13.28	13.26	140-150	7.187	1382	99.1,99.1
160	15.25	15.37	15.45	15.16	15.08	15.24	15.48	15.15	150-160	6.589	1388	99.6,99.6
170	16.58	16.63	16.82	16.62	16.61	16.70	16.75	16.48	160-170	4.510	1393	99.9,99.9
180	17.67	17.80	17.80	17.80	17.67	17.80	17.80	17.80	170-180	1.630	1394	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
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: 56.9D	WEIGHT: 1
SPEC.: 5000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 65	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1123	1133
80	654	674
75	660	737
70	964	1088
65	1443	1603
60	2672	3400
55	8603	11103
50	25930	35232
45	58715	75360

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

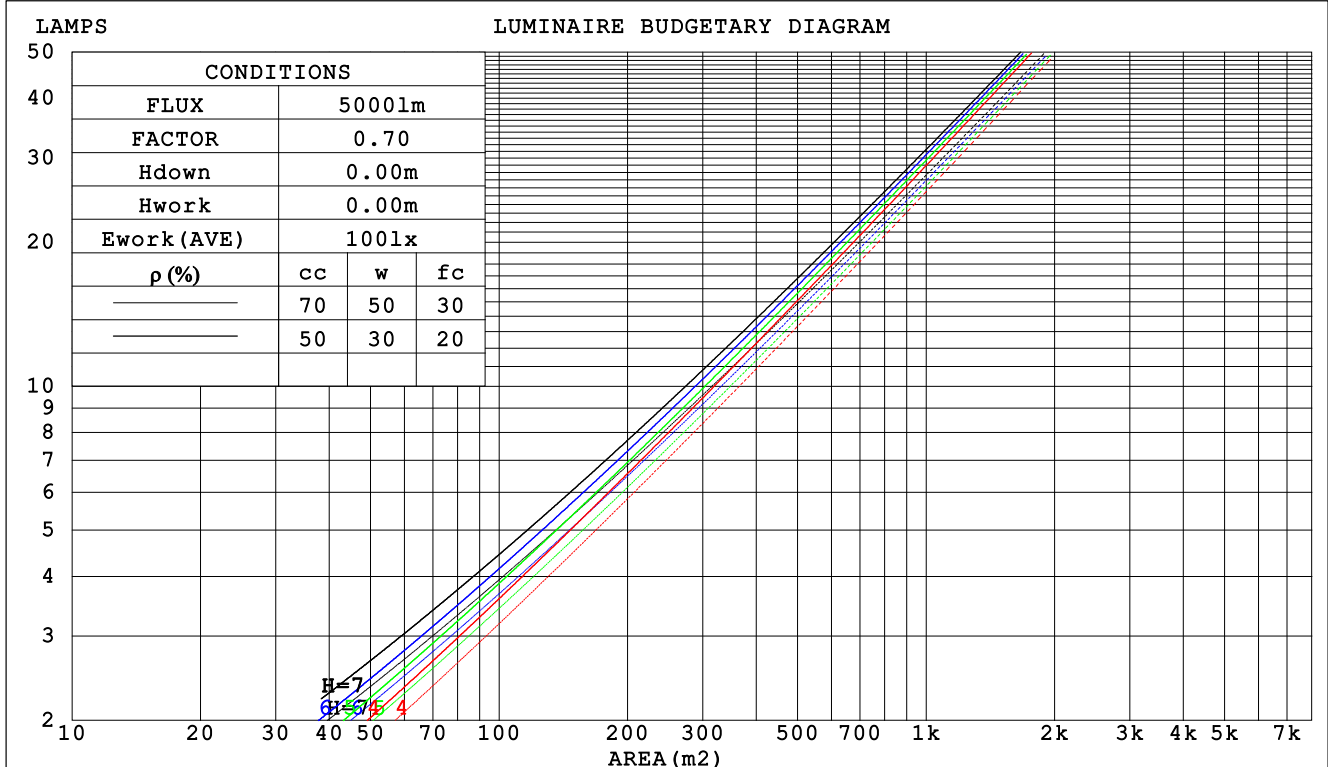
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO020-31-CCT 36V600mA TX-1825SW14A-2860V36-02H90 56.9D 6000K CRI90 N2

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO020-31-CCT	TYPE:56.9D	WEIGHT:1
SPEC.:5000K 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	1.05	1.08	1.06	1.03	1.03	1.01	.00	.99	.98	.96	.95	.94	.93	.91
2.0	1.02	.98	.95	1.00	.97	.94	.97	.94	.91	.94	.91	.89	.90	.88	.87	.85
3.0	.95	.90	.86	.94	.89	.86	.91	.87	.84	.88	.85	.82	.86	.83	.81	.79
4.0	.89	.83	.79	.88	.83	.79	.85	.81	.77	.83	.79	.76	.81	.78	.75	.74
5.0	.83	.77	.73	.82	.77	.73	.80	.75	.72	.78	.74	.71	.76	.73	.70	.69
6.0	.78	.72	.68	.77	.72	.67	.75	.70	.67	.74	.69	.66	.72	.68	.66	.64
7.0	.73	.67	.63	.73	.67	.63	.71	.66	.62	.70	.65	.62	.68	.64	.61	.60
8.0	.69	.63	.59	.68	.63	.59	.67	.62	.58	.66	.61	.58	.65	.61	.58	.56
9.0	.65	.59	.55	.65	.59	.55	.63	.58	.55	.62	.58	.55	.61	.57	.54	.53
10.0	.62	.56	.52	.61	.56	.52	.60	.55	.52	.59	.55	.51	.58	.54	.51	.50



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 56.9D 6000K CRI90 N2

WEC AND CCEC

NAME: TLO020-31-CCT	TYPE:56.9D	WEIGHT:1
SPEC.:5000K 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	.179	.102	.032	.172	.098	.031	.158	.090	.029	.145	.084	.027	.133	.077	.025		
2.0	.172	.094	.029	.165	.091	.028	.153	.085	.027	.143	.080	.025	.132	.075	.024		
3.0	.164	.087	.026	.158	.085	.026	.148	.080	.024	.139	.076	.023	.130	.072	.022		
4.0	.156	.081	.024	.151	.079	.023	.142	.076	.023	.134	.072	.022	.126	.069	.021		
5.0	.149	.076	.022	.145	.074	.022	.137	.071	.021	.130	.068	.020	.123	.066	.020		
6.0	.142	.071	.020	.138	.070	.020	.131	.067	.020	.125	.065	.019	.119	.063	.019		
7.0	.136	.067	.019	.133	.066	.019	.126	.064	.018	.121	.062	.018	.115	.060	.018		
8.0	.130	.064	.018	.127	.063	.018	.121	.061	.017	.116	.059	.017	.111	.057	.017		
9.0	.125	.060	.017	.122	.059	.017	.117	.058	.016	.112	.056	.016	.108	.055	.016		
10.0	.120	.057	.016	.117	.057	.016	.112	.055	.016	.108	.054	.015	.104	.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	.190	.176	.163	.162	.151	.140	.111	.104	.097	.064	.060	.056	.020	.019	.018	
2.0	.175	.151	.131	.150	.130	.113	.103	.090	.079	.059	.052	.046	.019	.017	.015	
3.0	.163	.132	.108	.139	.114	.094	.096	.079	.066	.055	.046	.039	.018	.015	.013	
4.0	.153	.118	.091	.131	.102	.079	.090	.071	.056	.052	.041	.033	.017	.013	.011	
5.0	.144	.106	.078	.124	.092	.068	.085	.064	.048	.049	.038	.028	.016	.012	.009	
6.0	.137	.097	.068	.118	.084	.059	.081	.059	.042	.047	.035	.025	.015	.011	.008	
7.0	.130	.089	.061	.112	.077	.053	.078	.054	.037	.045	.032	.022	.015	.010	.007	
8.0	.125	.083	.055	.107	.072	.048	.074	.051	.034	.043	.030	.020	.014	.010	.007	
9.0	.120	.078	.050	.103	.068	.044	.072	.048	.031	.042	.028	.018	.013	.009	.006	
10.0	.115	.074	.046	.099	.064	.040	.069	.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 56.9D 6000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO020-31-CCT					TYPE:56.9D					WEIGHT:1				
SPEC.:5000K 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	2H	21.0	21.9	21.2	22.1	22.3	21.6	22.6	21.9	22.8	23.0			
	3H	20.8	21.6	21.1	21.9	22.1	21.5	22.3	21.8	22.6	22.8			
	4H	20.7	21.5	21.0	21.8	22.0	21.4	22.2	21.7	22.4	22.7			
	6H	20.6	21.4	20.9	21.6	21.9	21.3	22.0	21.6	22.3	22.6			
	8H	20.5	21.3	20.9	21.6	21.9	21.2	22.0	21.6	22.2	22.6			
	12H	20.5	21.2	20.9	21.5	21.8	21.2	21.9	21.5	22.2	22.5			
4H	2H	20.7	21.5	21.0	21.8	22.0	21.4	22.2	21.7	22.4	22.7			
	3H	20.5	21.2	20.9	21.5	21.8	21.2	21.9	21.5	22.2	22.5			
	4H	20.4	21.0	20.8	21.4	21.7	21.1	21.7	21.5	22.1	22.4			
	6H	20.3	20.9	20.7	21.2	21.6	21.0	21.5	21.4	21.9	22.3			
	8H	20.3	20.8	20.7	21.2	21.6	20.9	21.4	21.4	21.8	22.2			
	12H	20.2	20.7	20.6	21.1	21.5	20.9	21.3	21.3	21.8	22.2			
8H	4H	20.3	20.8	20.7	21.2	21.6	20.9	21.4	21.4	21.8	22.2			
	6H	20.1	20.6	20.6	21.0	21.5	20.8	21.2	21.3	21.7	22.1			
	8H	20.1	20.5	20.6	20.9	21.4	20.8	21.1	21.2	21.6	22.1			
	12H	20.0	20.3	20.5	20.8	21.3	20.7	21.0	21.2	21.5	22.0			
12H	4H	20.2	20.7	20.6	21.1	21.5	20.9	21.3	21.3	21.8	22.2			
	6H	20.1	20.5	20.6	20.9	21.4	20.8	21.1	21.2	21.6	22.1			
	8H	20.0	20.3	20.5	20.8	21.3	20.7	21.0	21.2	21.5	22.0			
Variations with the observer position at spacings:														
S = 1.0H		+ 3.0 / -16.2					+ 3.4 / -16.3							
1.5H		+ 5.0 / -12.1					+ 5.2 / -12.5							
2.0H		+ 6.8 / -14.6					+ 7.2 / -15.8							

CIE Pub.117, 1394 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.2)

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:

NAME: TLO020-31-CCT	TYPE:56.9D	WEIGHT:1
SPEC.:5000K 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	78	74	84	78	74	83	77	74	70
0.80	93	86	83	92	86	82	90	85	82	78
1.00	97	92	88	96	91	87	95	91	87	82
1.25	102	96	93	100	96	92	98	94	91	87
1.50	105	100	96	103	99	96	101	97	94	89
2.00	107	103	100	106	102	99	103	100	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	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		

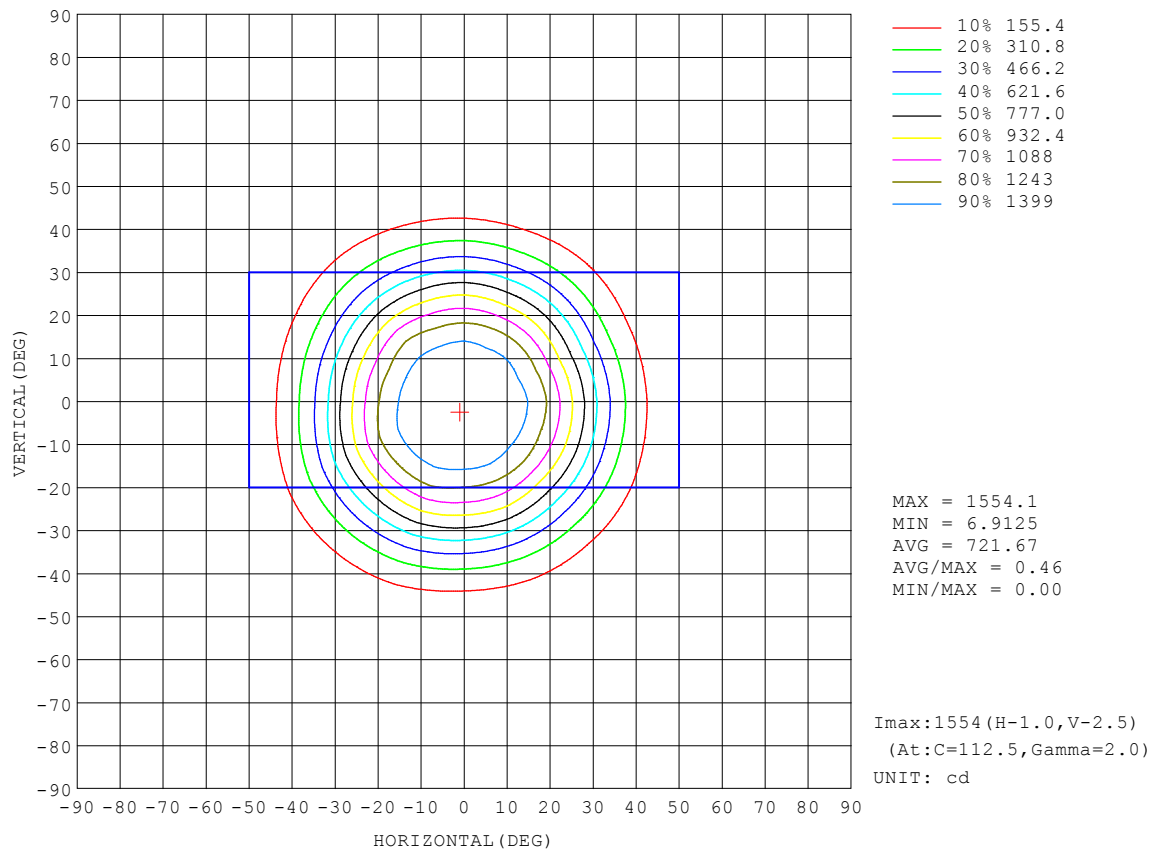
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

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ISOCANDELA DIAGRAM

NAME: TLO020-31-CCT	TYPE: 56.9D	WEIGHT: 1
SPEC.: 5000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 65	Shielding Angle:

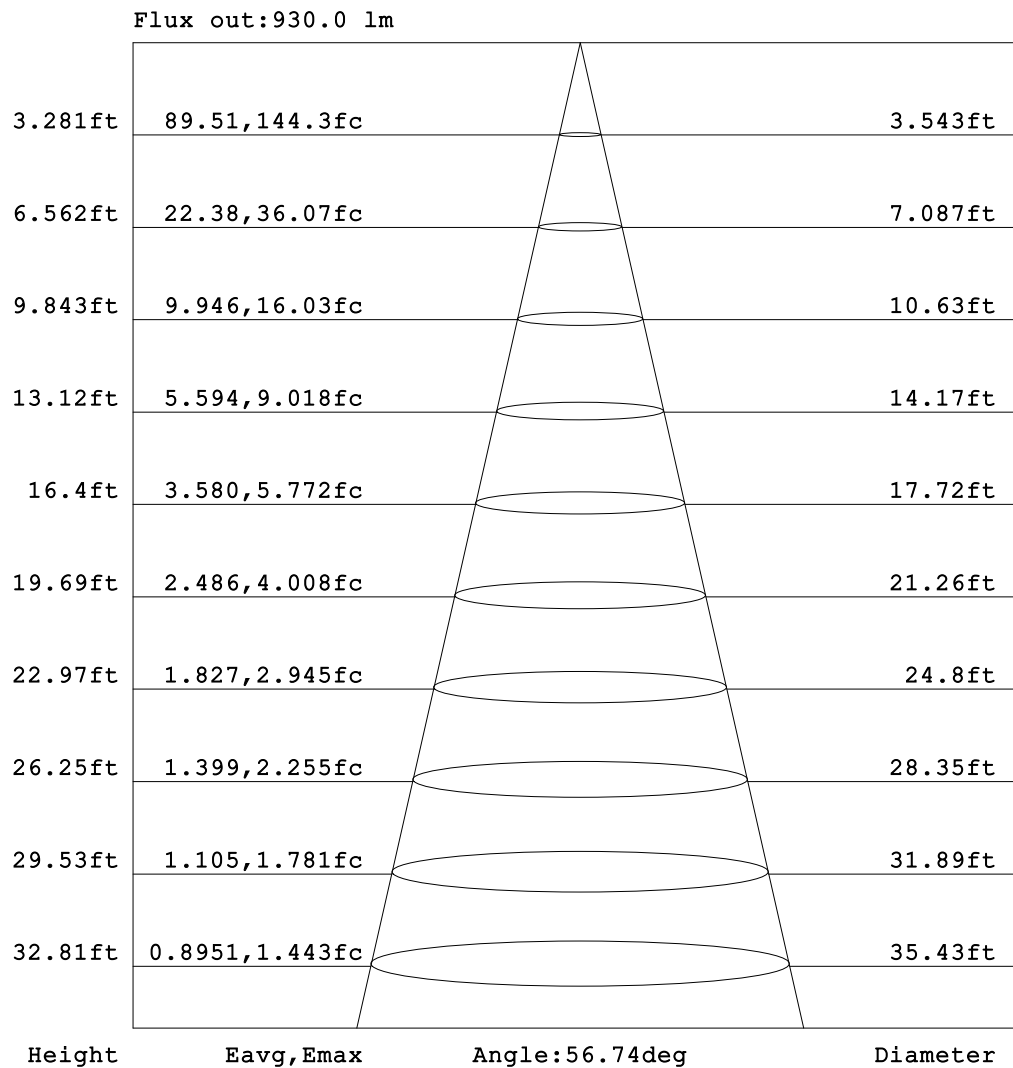


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-30

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:56.9D	WEIGHT:1
SPEC.:5000K 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.

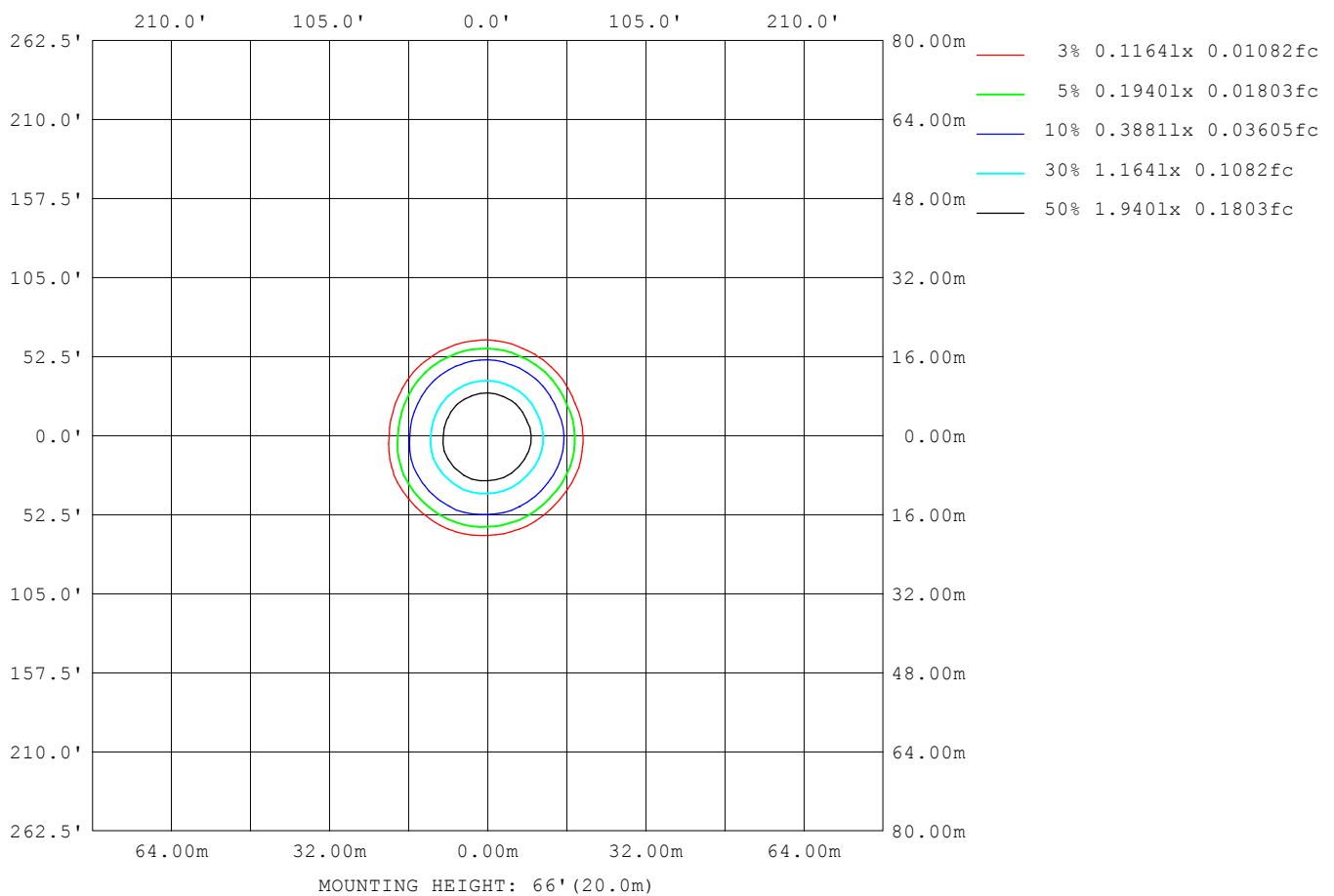
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-30

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 56.9D 6000K CRI90 N

ISOLUX DIAGRAM

NAME: TLO020-31-CCT	TYPE:56.9D	WEIGHT:1
SPEC.:5000K 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:56.9D	WEIGHT:1
SPEC.:5000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:65	Shielding Angle:

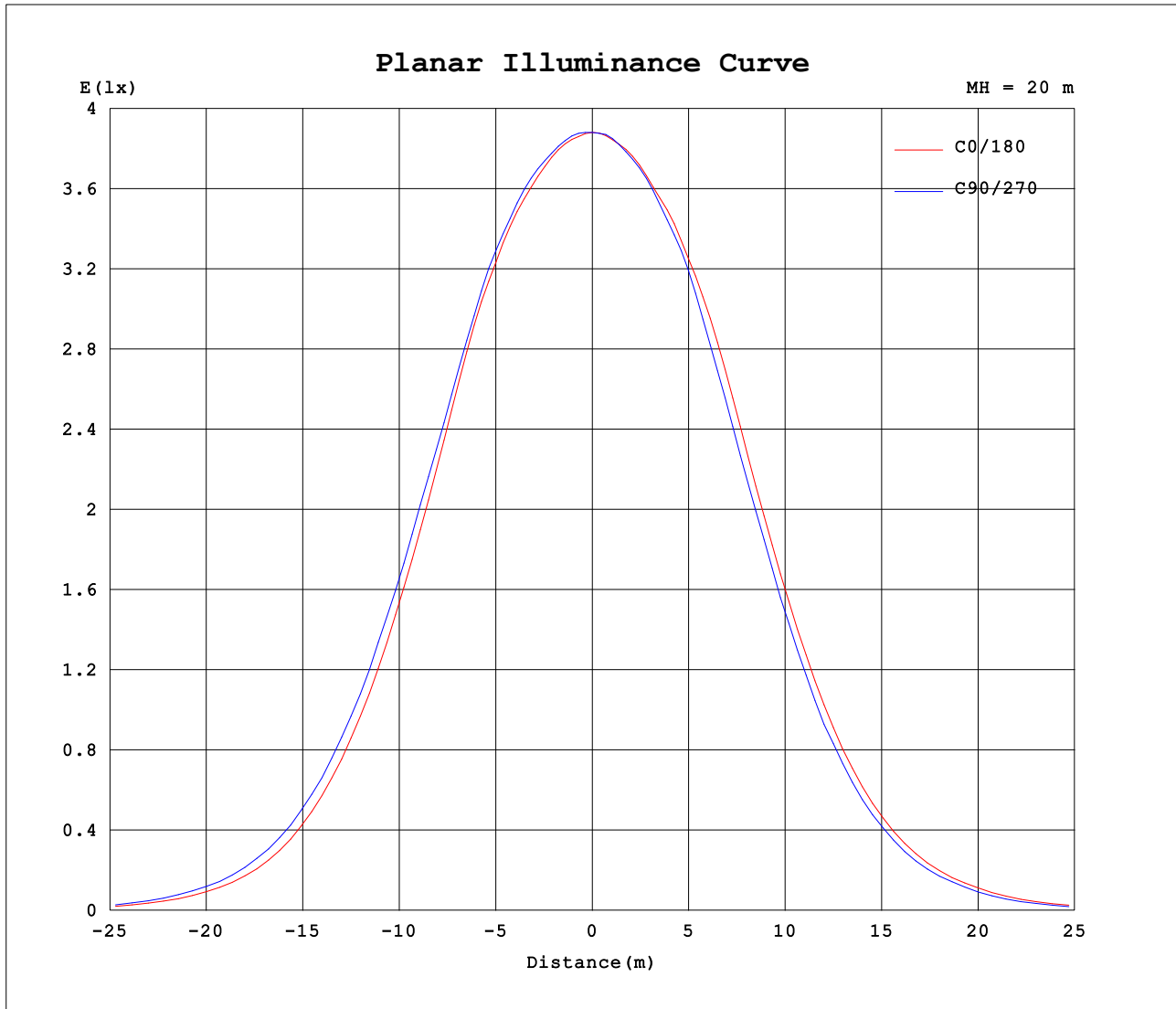
AvgL	cd/m2
L_0~180 (65) av	1521
L_0~180 (75) av	658
L_0~180 (85) av	999
L_90~270 (65) av	1405
L_90~270 (75) av	623
L_90~270 (85) av	999
L_45 (65) av	1490
L_45 (75) av	640
L_45 (85) av	976

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 56.9D 6000K CRI90 N2

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO020-31-CCT	TYPE:56.9D	WEIGHT:1
SPEC.:5000K 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	1552	1552	1552	1552	1552	1552	1552	1552	1552	1552	1552	1552	1552	1552	1552	1552			
5	1535	1539	1537	1539	1543	1548	1547	1543	1536	1534	1531	1531	1531	1531	1536	1531			
10	1487	1492	1494	1500	1506	1512	1512	1504	1487	1482	1487	1475	1473	1474	1471	1474			
15	1394	1392	1397	1417	1422	1433	1440	1433	1404	1384	1387	1364	1366	1359	1366	1363			
20	1203	1204	1221	1234	1240	1289	1289	1300	1233	1198	1214	1169	1164	1154	1157	1152			
25	941	962	957	997	1009	1051	1044	1053	979	955	955	921	917	889	895	885			
30	667	686	680	721	740	782	776	779	706	683	678	655	646	623	624	614			
35	418	429	429	461	483	520	518	513	449	433	429	414	403	383	378	371			
40	224	230	233	255	273	300	300	297	253	242	242	229	221	203	198	193			
45	106	110	112	129	136	154	150	154	127	120	121	111	105	94.2	92.1	89.0			
50	42.5	43.9	44.0	50.8	57.8	65.1	66.3	65.6	51.8	48.6	48.3	42.7	41.0	35.4	35.2	33.3			
55	12.6	12.9	12.1	14.1	16.2	20.6	21.0	21.9	15.9	14.3	13.7	11.9	11.3	9.90	9.91	9.41			
60	3.41	3.48	3.32	3.80	4.34	5.37	5.67	5.87	4.38	3.87	3.72	3.07	2.84	2.61	2.78	2.79			
65	1.56	1.59	1.53	1.66	1.73	1.99	2.05	2.11	1.72	1.62	1.57	1.38	1.30	1.23	1.27	1.31			
70	0.84	0.85	0.84	0.91	0.95	1.07	1.08	1.11	0.90	0.86	0.86	0.77	0.71	0.66	0.65	0.67			
75	0.44	0.43	0.42	0.46	0.49	0.53	0.55	0.55	0.43	0.42	0.41	0.38	0.34	0.33	0.31	0.33			
80	0.29	0.27	0.27	0.27	0.30	0.28	0.32	0.30	0.23	0.25	0.23	0.23	0.21	0.22	0.20	0.22			
85	0.25	0.24	0.24	0.24	0.25	0.24	0.26	0.24	0.19	0.20	0.19	0.19	0.19	0.19	0.18	0.19			
90	0.25	0.27	0.25	0.26	0.24	0.25	0.24	0.25	0.21	0.19	0.20	0.19	0.21	0.20	0.22	0.20			
95	0.33	0.34	0.32	0.33	0.30	0.31	0.29	0.31	0.26	0.24	0.26	0.25	0.29	0.28	0.30	0.28			
100	0.49	0.50	0.48	0.48	0.45	0.44	0.41	0.42	0.38	0.37	0.39	0.41	0.44	0.46	0.48	0.46			
105	0.82	0.79	0.78	0.76	0.73	0.69	0.66	0.66	0.64	0.65	0.66	0.70	0.76	0.80	0.81	0.80			
110	1.37	1.31	1.31	1.24	1.21	1.14	1.12	1.10	1.09	1.12	1.13	1.22	1.28	1.38	1.37	1.37			
115	2.20	2.10	2.12	2.00	1.97	1.86	1.85	1.80	1.81	1.87	1.87	2.01	2.09	2.23	2.21	2.22			
120	3.33	3.21	3.23	3.07	3.02	2.87	2.88	2.81	2.84	2.93	2.92	3.10	3.21	3.39	3.39	3.39			
125	4.75	4.64	4.62	4.46	4.37	4.21	4.19	4.15	4.20	4.27	4.31	4.49	4.64	4.82	4.85	4.81			
130	6.41	6.28	6.26	6.08	6.00	5.80	5.79	5.73	5.82	5.90	5.94	6.14	6.30	6.52	6.52	6.49			
135	8.21	8.06	8.06	7.87	7.77	7.57	7.55	7.51	7.61	7.68	7.74	7.93	8.12	8.30	8.33	8.29			
140	10.0	9.92	9.88	9.74	9.62	9.44	9.38	9.38	9.48	9.57	9.62	9.82	9.98	10.1	10.1	10.1			
145	11.8	11.7	11.7	11.5	11.5	11.2	11.2	11.2	11.3	11.4	11.4	11.6	11.7	11.9	11.8	11.8			
150	13.3	13.2	13.3	13.1	13.1	12.9	12.9	12.8	12.8	13.0	13.0	13.2	13.3	13.4	13.3	13.2			
155	14.4	14.4	14.5	14.5	14.5	14.3	14.2	14.2	14.1	14.2	14.3	14.5	14.6	14.6	14.4	14.2			
160	15.3	15.3	15.4	15.4	15.5	15.3	15.2	15.1	15.1	15.1	15.2	15.5	15.5	15.4	15.1	15.0			
165	15.9	15.9	16.1	16.2	16.2	16.1	15.9	15.9	15.9	15.9	16.0	16.2	16.2	16.1	15.8	15.7			
170	16.6	16.6	16.6	16.8	16.8	16.7	16.6	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.5	16.4			
175	17.2	17.2	17.3	17.3	17.3	17.3	17.4	17.3	17.3	17.4	17.5	17.4	17.4	17.4	17.3	17.1			
180	17.7	17.7	17.8	17.7	17.8	17.7	17.8	17.6	17.7	17.7	17.8	17.7	17.8	17.7	17.8	17.6			

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