

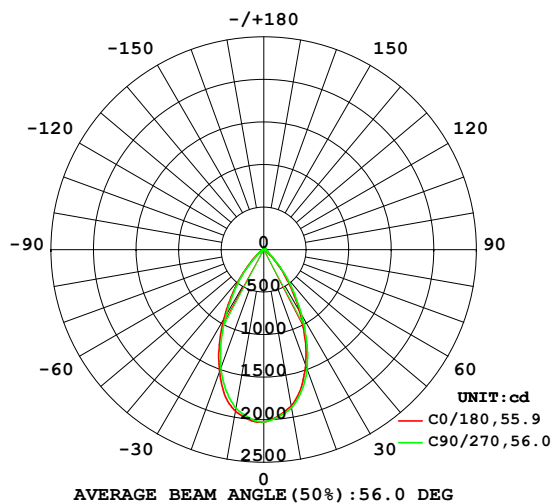
TLO025-11 36V600mA CXA1820-30G-H-NOY 56D 3000K CRI93 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

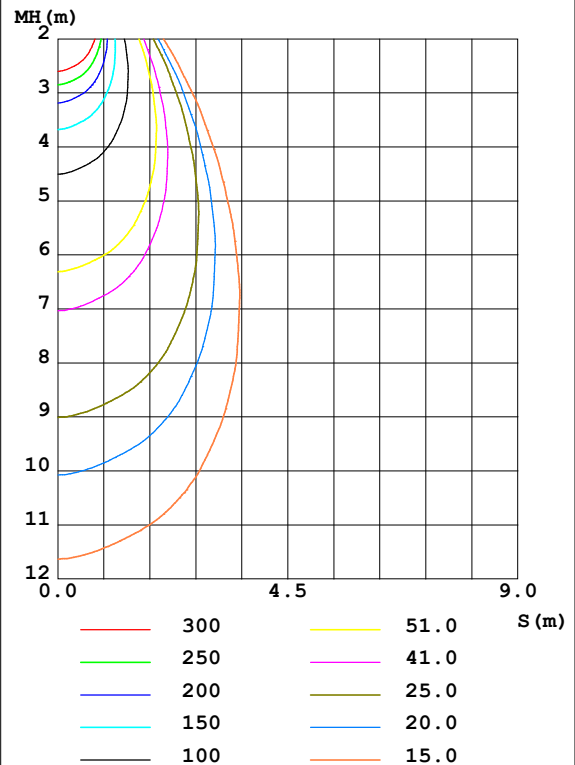
NAME: TLO025-11	TYPE: 56D	WEIGHT: 1
SPEC.: 3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.: 57	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 75.19 lm/W
MODEL		I _{max} (cd)	2030	S/MH (C0/180)		0.88
NOMINAL POWER (W)	25	LOR (%)	100.0	S/MH (C90/270)		0.86
RATED VOLTAGE (V)	110	TOTAL FLUX (lm)	1914.4	η UP, DN (C0-180)		1.2, 48.6
NOMINAL FLUX (lm)	1914.43	CIE CLASS	DIRECT	η UP, DN (C180-360)		1.2, 49.0
LAMPS INSIDE	1	η up (%)	2.4	CIBSE SHR NOM		0.75
TEST VOLTAGE (V)	110	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: 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 56D 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	1864	1863	1885	1908	1926	1920	1892	1869	0- 10	186.2	186.2	9.73,9.73
20	1441	1447	1490	1491	1523	1511	1478	1454	10- 20	477.9	664.1	34.7,34.7
30	847.8	851.6	888.7	900.8	933.3	923.1	882.5	867.8	20- 30	541.4	1205	63,63
40	365.4	373.4	402.2	420.5	427.9	424.8	397.9	377.8	30- 40	388.4	1594	83.3,83.3
50	102.9	107.2	117.8	125.6	132.1	126.7	110.7	106.8	40- 50	179.0	1773	92.6,92.6
60	36.76	37.28	40.37	43.55	45.08	43.77	39.16	37.81	50- 60	62.12	1835	95.8,95.8
70	13.88	14.11	15.67	16.44	17.26	16.96	15.11	14.37	60- 70	26.61	1862	97.2,97.2
80	0.7560	0.7626	1.188	1.405	1.515	1.538	1.149	0.8575	70- 80	6.949	1869	97.6,97.6
90	0.5588	0.5492	0.5258	0.5132	0.4427	0.4481	0.4644	0.4695	80- 90	0.5668	1869	97.6,97.6
100	1.086	1.060	0.9937	0.9509	0.8394	0.8458	0.9047	0.9257	90-100	0.7426	1870	97.7,97.7
110	2.456	2.436	2.257	2.169	1.932	1.957	2.084	2.135	100-110	1.560	1871	97.8,97.8
120	5.052	5.001	4.737	4.582	4.234	4.266	4.501	4.600	110-120	3.244	1875	97.9,97.9
130	8.941	8.856	8.561	8.336	7.892	7.920	8.223	8.366	120-130	5.714	1880	98.2,98.2
140	13.48	13.42	13.13	12.84	12.42	12.40	12.71	12.84	130-140	8.170	1889	98.6,98.6
150	17.47	17.48	17.31	17.06	16.63	16.66	16.90	16.84	140-150	9.400	1898	99.1,99.1
160	19.88	20.02	20.20	19.81	19.49	19.55	19.85	19.48	150-160	8.540	1906	99.6,99.6
170	21.62	21.68	21.75	21.70	21.62	21.53	21.53	21.23	160-170	5.847	1912	99.9,99.9
180	22.99	23.10	22.82	22.98	23.02	23.12	22.84	22.99	170-180	2.111	1914	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

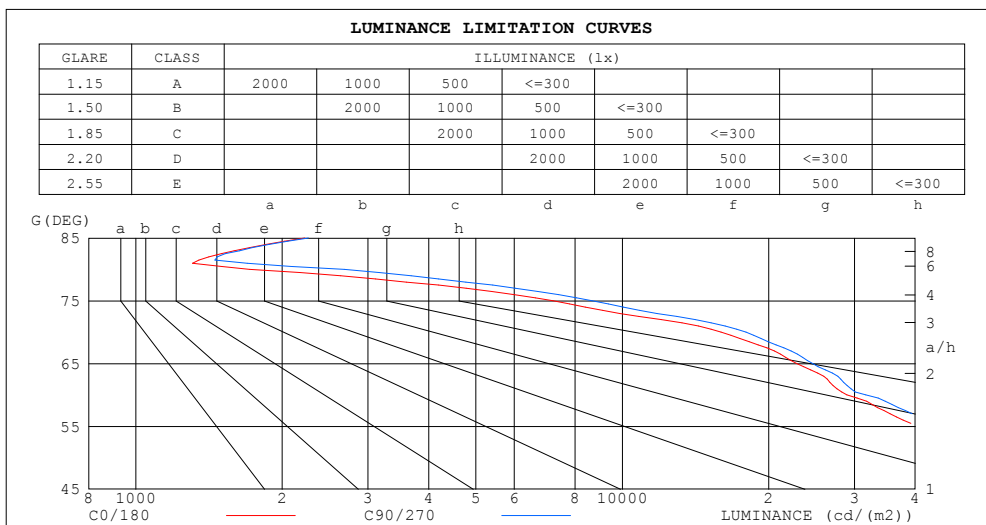
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:CJY
 Test Date:2024-08-14

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 56D 3000K CRI93 NA

LUMINANCE LIMITATION CURVES

NAME: TLO025-11	TYPE:56D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2227	2262
80	1713	2683
75	7206	8669
70	15968	17960
65	22831	24599
60	28932	31644
55	40656	46019
50	63012	71824
45	112346	124129

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

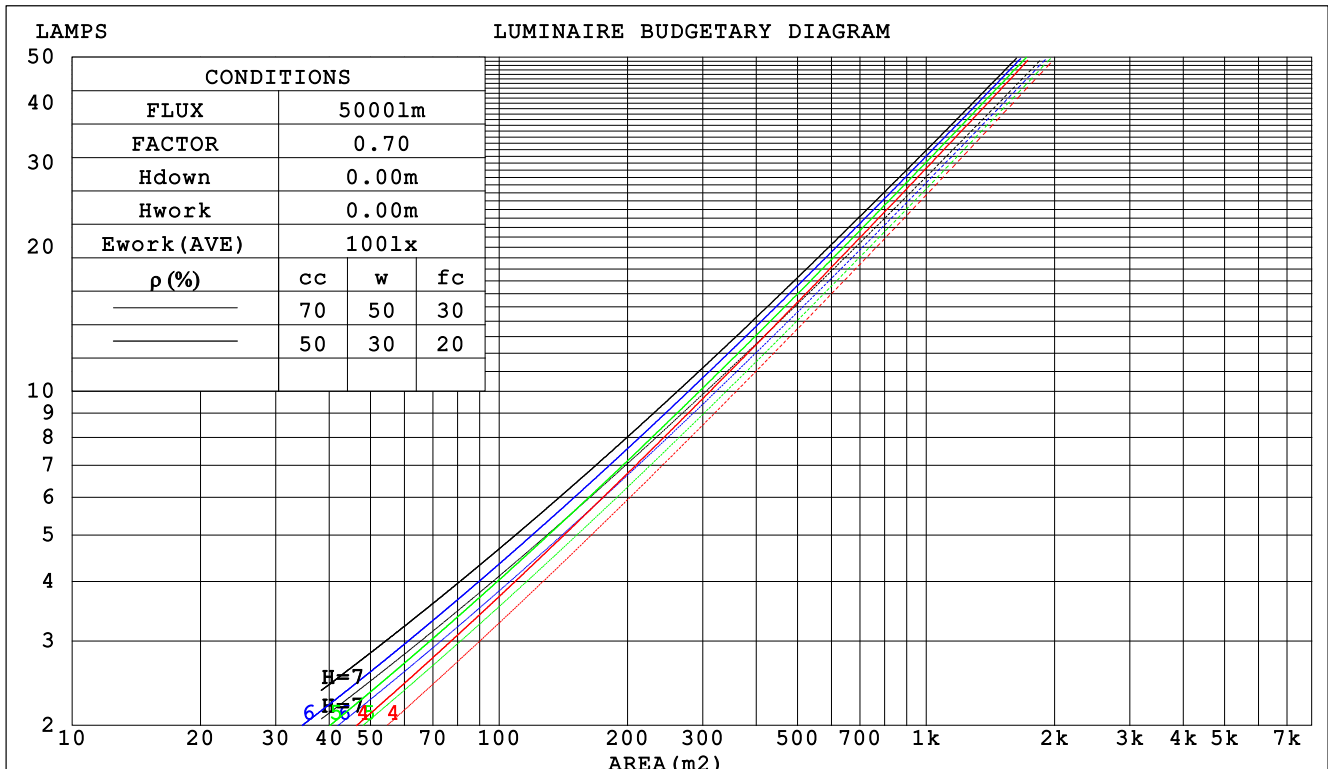
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:

TL0025-11 36V600mA CXA1820-30G-H-NOY 56D 3000K CRI93 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO025-11	TYPE:56D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	1.07	1.04	1.07	1.05	1.03	1.03	1.01	.99	.98	.97	.96	.95	.94	.92	.90
2.0	1.01	.97	.93	.99	.95	.92	.96	.92	.90	.92	.90	.87	.89	.87	.85	.83
3.0	.94	.88	.84	.92	.87	.83	.89	.85	.81	.86	.83	.80	.84	.81	.78	.77
4.0	.87	.81	.76	.85	.80	.76	.83	.78	.75	.81	.77	.73	.79	.75	.72	.71
5.0	.81	.75	.70	.80	.74	.70	.78	.73	.69	.76	.71	.68	.74	.70	.67	.65
6.0	.75	.69	.64	.74	.68	.64	.73	.67	.63	.71	.66	.63	.69	.65	.62	.61
7.0	.71	.64	.60	.70	.64	.59	.68	.63	.59	.67	.62	.58	.65	.61	.58	.56
8.0	.66	.60	.56	.65	.60	.55	.64	.59	.55	.63	.58	.55	.62	.57	.54	.53
9.0	.62	.56	.52	.62	.56	.52	.61	.55	.51	.59	.55	.51	.58	.54	.51	.49
10.0	.59	.53	.49	.58	.52	.48	.57	.52	.48	.56	.51	.48	.55	.51	.48	.46



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 56D 3000K CRI93 NA

WEC AND CCEC

NAME: TLO025-11	TYPE:56D	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	.191	.109	.034	.184	.105	.033	.170	.097	.031	.157	.090	.029	.145	.084	.027		
2.0	.184	.101	.031	.178	.098	.030	.166	.092	.029	.155	.087	.027	.144	.082	.026		
3.0	.175	.093	.028	.170	.091	.027	.160	.086	.026	.150	.082	.025	.141	.078	.024		
4.0	.167	.087	.025	.162	.085	.025	.153	.081	.024	.144	.078	.023	.137	.074	.023		
5.0	.159	.081	.023	.154	.079	.023	.146	.076	.022	.139	.073	.022	.132	.070	.021		
6.0	.151	.076	.022	.147	.074	.021	.140	.072	.021	.133	.069	.020	.127	.067	.020		
7.0	.144	.071	.020	.140	.070	.020	.134	.068	.020	.128	.066	.019	.122	.064	.019		
8.0	.137	.067	.019	.134	.066	.019	.128	.064	.018	.123	.062	.018	.118	.061	.018		
9.0	.131	.063	.018	.128	.062	.018	.123	.061	.017	.118	.059	.017	.113	.058	.017		
10.0	.125	.060	.017	.123	.059	.017	.118	.058	.016	.114	.056	.016	.109	.055	.016		

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	.175	.162	.163	.151	.139	.111	.104	.096	.064	.060	.056	.021	.019	.018		
2.0	.176	.151	.129	.151	.130	.112	.103	.090	.078	.060	.052	.046	.019	.017	.015		
3.0	.165	.132	.106	.141	.114	.092	.097	.079	.065	.056	.046	.038	.018	.015	.012		
4.0	.155	.118	.089	.133	.102	.077	.091	.071	.054	.053	.041	.032	.017	.014	.011		
5.0	.147	.106	.076	.126	.092	.066	.087	.064	.047	.050	.038	.028	.016	.012	.009		
6.0	.140	.097	.067	.120	.084	.058	.083	.059	.041	.048	.035	.024	.015	.011	.008		
7.0	.133	.090	.059	.115	.078	.052	.079	.055	.037	.046	.032	.022	.015	.011	.007		
8.0	.128	.084	.054	.110	.073	.047	.076	.051	.033	.044	.030	.020	.014	.010	.007		
9.0	.122	.079	.049	.106	.068	.043	.073	.048	.030	.043	.028	.018	.014	.009	.006		
10.0	.118	.074	.045	.102	.065	.040	.070	.045	.028	.041	.027	.017	.013	.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 56D 3000K CRI93 NA

UGR(Unified Glare Rating) Table

NAME: TLO025-11					TYPE:56D					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	2H	22.2	23.2	22.4	23.4	23.6	22.5	23.5	22.8	23.7	24.0			
	3H	22.1	23.1	22.4	23.3	23.5	22.5	23.4	22.8	23.7	23.9			
	4H	22.1	22.9	22.4	23.2	23.5	22.4	23.3	22.7	23.6	23.8			
	6H	22.0	22.8	22.3	23.1	23.4	22.3	23.1	22.7	23.4	23.7			
	8H	21.9	22.7	22.3	23.0	23.3	22.3	23.1	22.6	23.4	23.7			
	12H	21.9	22.6	22.2	22.9	23.3	22.2	23.0	22.6	23.3	23.6			
4H	2H	22.0	22.9	22.3	23.2	23.4	22.4	23.2	22.7	23.5	23.8			
	3H	22.0	22.8	22.4	23.1	23.4	22.4	23.1	22.7	23.4	23.8			
	4H	21.9	22.6	22.3	23.0	23.3	22.3	23.0	22.7	23.3	23.7			
	6H	21.9	22.4	22.3	22.8	23.2	22.2	22.8	22.6	23.2	23.6			
	8H	21.8	22.3	22.2	22.7	23.2	22.2	22.7	22.6	23.1	23.5			
	12H	21.7	22.2	22.2	22.7	23.1	22.1	22.6	22.6	23.0	23.5			
8H	4H	21.8	22.4	22.2	22.8	23.2	22.2	22.7	22.6	23.1	23.5			
	6H	21.7	22.2	22.2	22.6	23.1	22.1	22.5	22.5	23.0	23.4			
	8H	21.7	22.1	22.2	22.5	23.0	22.0	22.4	22.5	22.9	23.4			
	12H	21.6	21.9	22.1	22.4	22.9	22.0	22.3	22.5	22.8	23.3			
12H	4H	21.8	22.3	22.2	22.7	23.1	22.1	22.6	22.6	23.0	23.5			
	6H	21.7	22.1	22.2	22.5	23.0	22.0	22.4	22.5	22.9	23.4			
	8H	21.6	21.9	22.1	22.4	22.9	22.0	22.3	22.5	22.8	23.3			
Variations with the observer position at spacings:														
S = 1.0H		+ 2.2 / - 5.1					+ 2.2 / - 5.0							
1.5H		+ 3.6 / - 4.0					+ 3.6 / - 4.1							
2.0H		+ 4.4 / - 3.3					+ 4.6 / - 3.5							

CIE Pub.117, 1914 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.3$)

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 56D 3000K CRI93 NA

UTILIZATION FACTORS TABLE

NAME: TLO025-11	TYPE:56D	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) $k(RI) \times RCR = 5$									
$k = 0.60$	81	74	69	80	73	69	79	73	69	65
0.80	89	82	78	88	82	78	87	81	77	73
1.00	95	88	84	94	88	84	92	87	83	78
1.25	99	93	89	98	93	89	96	91	88	83
1.50	103	97	93	101	96	93	98	94	91	86
2.00	106	101	98	104	100	97	101	98	95	89
2.50	108	104	100	106	102	99	103	99	97	90
3.00	110	106	103	108	104	102	104	101	99	92
4.00	112	109	106	110	107	105	106	104	102	94
5.00	113	111	109	111	109	107	107	105	103	95
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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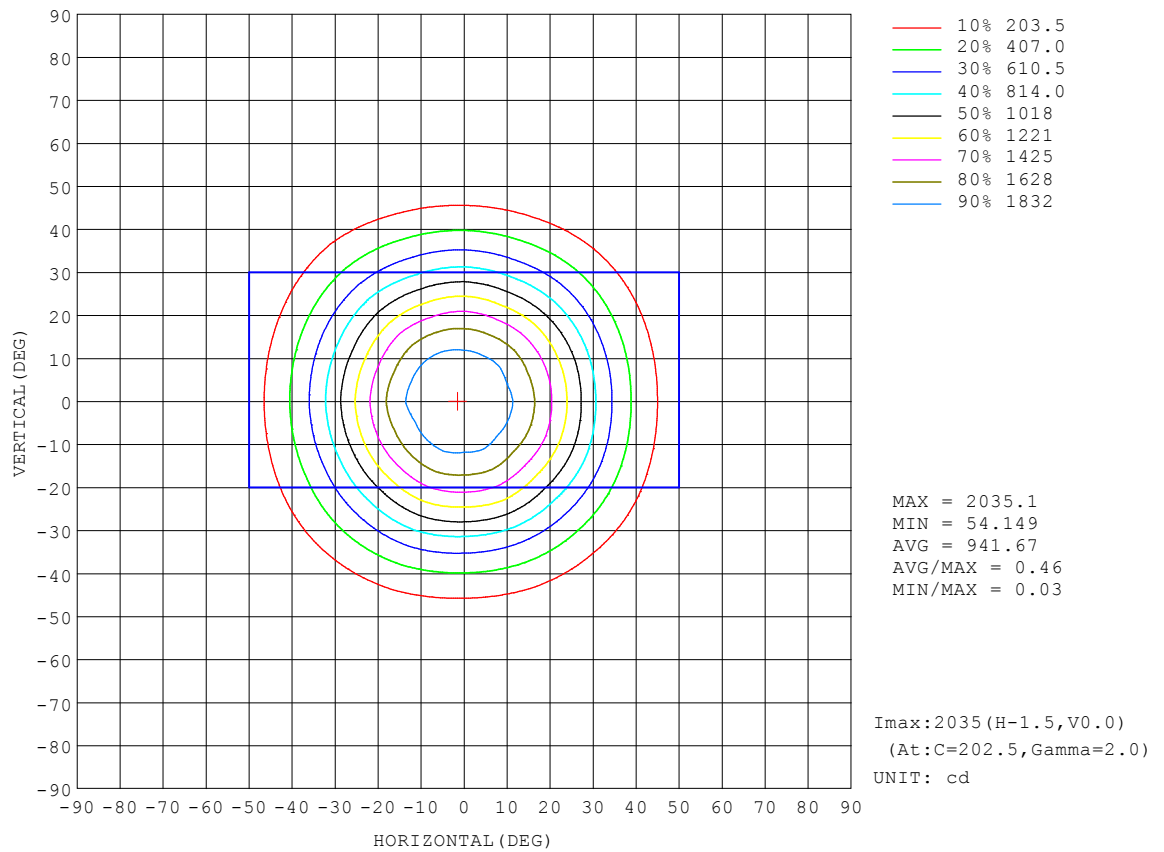
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Humidity:65.0%
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Remarks:

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TLO025-11 36V600mA CXA1820-30G-H-NOY 56D 3000K CRI93 NA

ISOCANDELA DIAGRAM

NAME: TLO025-11	TYPE: 56D	WEIGHT: 1
SPEC.: 3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.: 57	Shielding Angle:



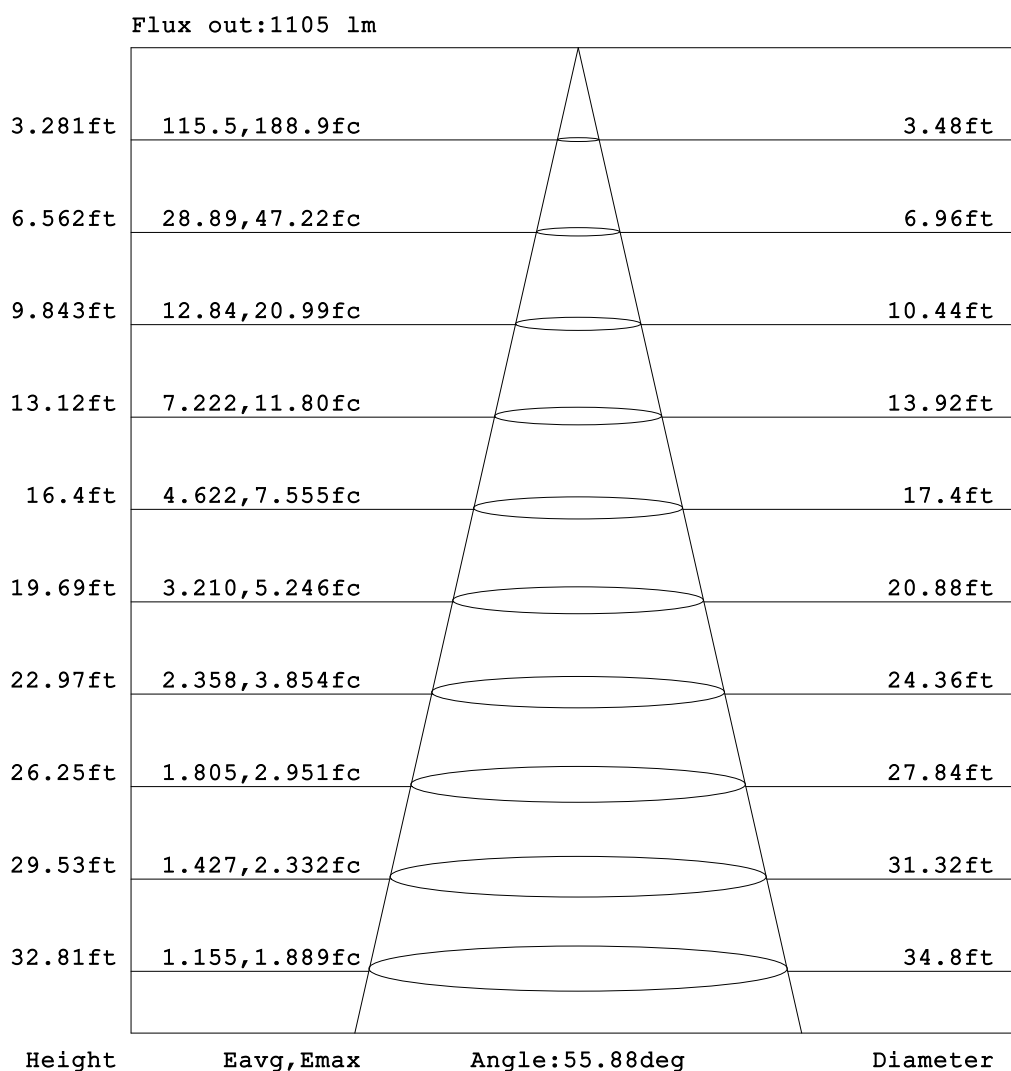
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 Humidity: 65.0%
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 Remarks:

TLO025-11 36V600mA CXA1820-30G-H-NOY 56D 3000K CRI93 NA

AAI Figure

NAME: TLO025-11	TYPE:56D	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.

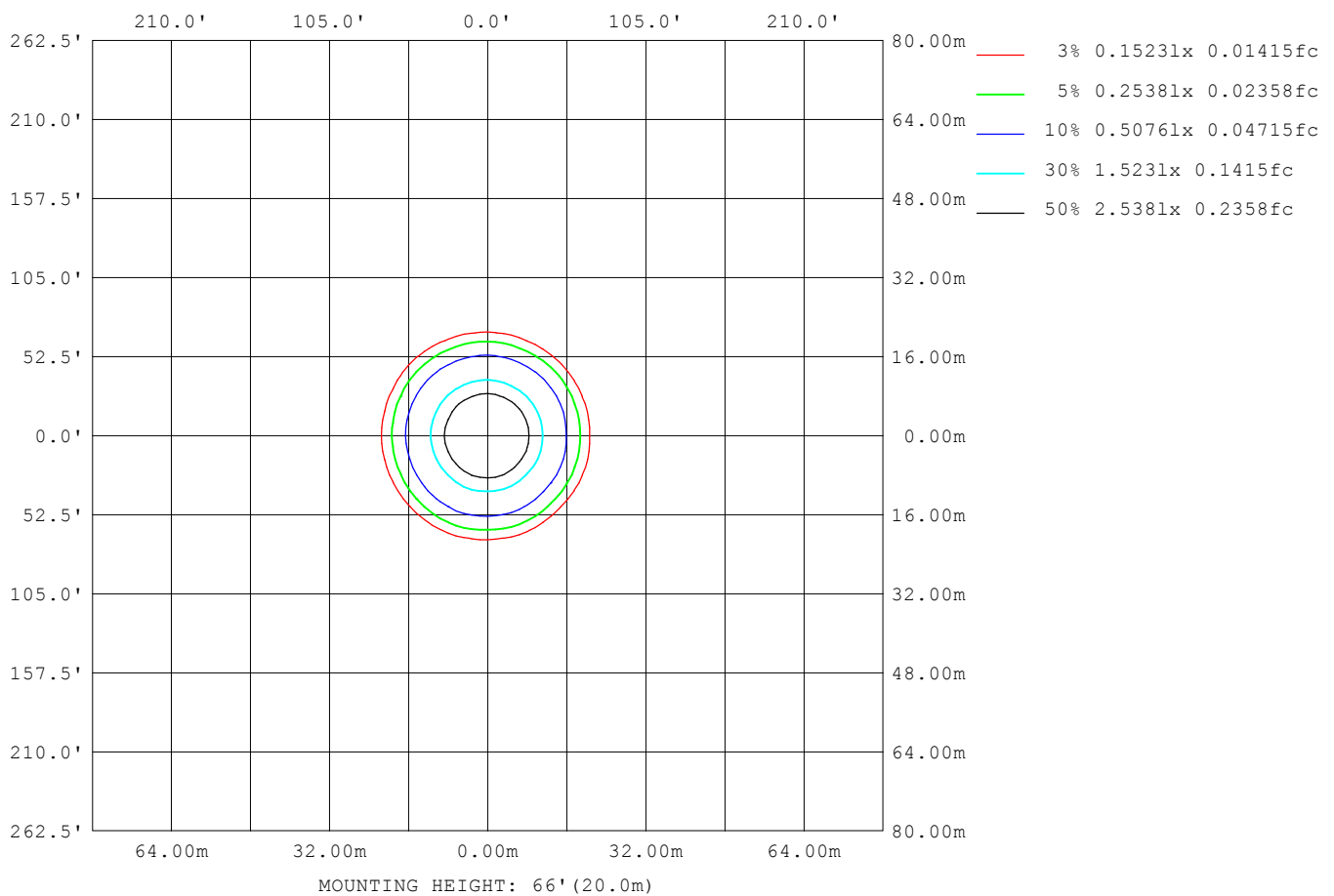
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Humidity:65.0%
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Remarks:

TLO025-11 36V600mA CXA1820-30G-H-NOY 56D 3000K CRI93 NA

ISOLUX DIAGRAM

NAME: TLO025-11	TYPE:56D	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 56D 3000K CRI93 NA

LED Avg.L Report

NAME: TLO025-11	TYPE:56D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:

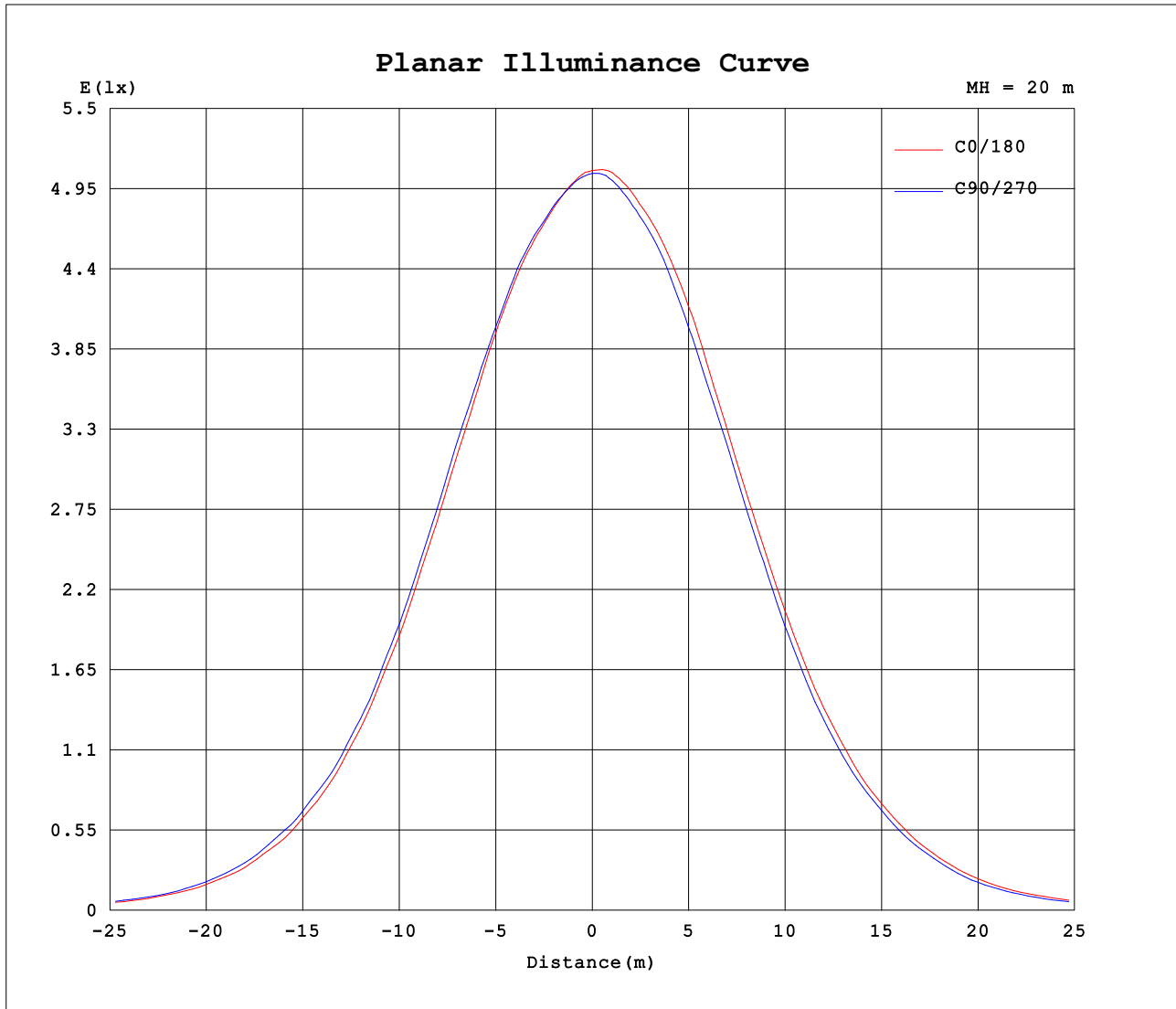
AvgL	cd/m2
L_0~180 (65) av	24835
L_0~180 (75) av	8530
L_0~180 (85) av	2054
L_90~270 (65) av	24446
L_90~270 (75) av	8572
L_90~270 (85) av	2067
L_45 (65) av	24772
L_45 (75) av	8526
L_45 (85) av	2041

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 56D 3000K CRI93 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO025-11	TYPE:56D	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	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023			
5	1962	1961	1960	1967	1973	1987	1991	1996	2006	2005	2002	1990	1984	1972	1966	1964			
10	1864	1862	1863	1882	1885	1905	1908	1909	1926	1925	1920	1903	1892	1878	1869	1858			
15	1692	1687	1686	1723	1718	1743	1736	1741	1775	1748	1755	1736	1715	1699	1702	1683			
20	1441	1451	1447	1483	1490	1506	1491	1514	1523	1503	1511	1475	1478	1447	1454	1451			
25	1147	1160	1148	1200	1194	1222	1208	1226	1238	1215	1217	1192	1188	1154	1166	1158			
30	848	865	852	891	889	919	901	915	933	924	923	888	883	856	868	858			
35	578	591	594	614	623	647	636	639	657	657	657	629	620	595	599	590			
40	365	372	373	393	402	419	420	414	428	428	425	403	398	379	378	372			
45	202	208	203	220	224	237	238	237	245	243	243	226	218	208	209	208			
50	103	107	107	114	118	126	126	127	132	126	127	115	111	107	107	108			
55	59.3	60.9	62.0	66.0	67.3	70.8	71.6	71.2	73.6	71.7	70.7	65.5	63.0	60.5	61.6	60.9			
60	36.8	37.6	37.3	40.4	40.4	43.7	43.6	43.9	45.1	44.5	43.8	40.5	39.2	37.3	37.8	37.2			
65	24.5	25.5	25.2	26.7	26.5	28.1	27.6	28.2	29.0	28.6	28.6	26.8	26.2	25.1	25.3	24.9			
70	13.9	14.5	14.1	15.5	15.7	16.7	16.4	16.7	17.3	17.0	17.0	15.4	15.1	14.2	14.4	14.1			
75	4.74	4.96	4.75	5.57	5.72	6.40	6.22	6.34	6.52	6.36	6.52	5.69	5.59	5.09	5.03	4.99			
80	0.76	0.88	0.76	1.11	1.19	1.51	1.40	1.44	1.51	1.44	1.54	1.21	1.15	0.87	0.86	0.84			
85	0.49	0.50	0.50	0.50	0.50	0.49	0.50	0.50	0.42	0.42	0.42	0.42	0.42	0.41	0.41	0.40			
90	0.56	0.57	0.55	0.55	0.53	0.53	0.51	0.53	0.44	0.43	0.45	0.44	0.46	0.45	0.47	0.45			
95	0.75	0.76	0.73	0.72	0.70	0.69	0.67	0.69	0.59	0.58	0.59	0.60	0.62	0.62	0.64	0.62			
100	1.09	1.08	1.06	1.03	0.99	0.97	0.95	0.97	0.84	0.84	0.85	0.87	0.90	0.92	0.93	0.91			
105	1.64	1.61	1.61	1.53	1.50	1.44	1.44	1.44	1.27	1.28	1.28	1.35	1.37	1.43	1.40	1.41			
110	2.46	2.41	2.44	2.30	2.26	2.17	2.17	2.17	1.93	1.96	1.96	2.07	2.08	2.18	2.14	2.16			
115	3.59	3.53	3.56	3.37	3.33	3.21	3.21	3.21	2.90	2.95	2.93	3.09	3.10	3.23	3.18	3.21			
120	5.05	5.00	5.00	4.82	4.74	4.61	4.58	4.62	4.23	4.26	4.27	4.43	4.50	4.61	4.60	4.59			
125	6.86	6.80	6.80	6.58	6.50	6.33	6.31	6.35	5.91	5.95	5.94	6.15	6.21	6.35	6.34	6.32			
130	8.94	8.86	8.86	8.64	8.56	8.35	8.34	8.37	7.89	7.93	7.92	8.16	8.22	8.40	8.37	8.34			
135	11.2	11.1	11.1	10.9	10.8	10.6	10.6	10.6	10.1	10.1	10.1	10.3	10.4	10.6	10.6	10.5			
140	13.5	13.4	13.4	13.2	13.1	12.9	12.8	12.9	12.4	12.4	12.4	12.6	12.7	12.8	12.8	12.7			
145	15.6	15.6	15.6	15.4	15.4	15.1	15.1	15.2	14.7	14.6	14.6	14.8	14.9	15.0	14.9	14.9			
150	17.5	17.4	17.5	17.3	17.3	17.1	17.1	17.1	16.6	16.6	16.7	16.8	16.9	17.0	16.8	16.8			
155	18.9	18.9	19.0	19.0	19.0	18.8	18.6	18.7	18.2	18.2	18.3	18.5	18.5	18.5	18.3	18.2			
160	19.9	19.9	20.0	20.1	20.2	20.0	19.8	19.9	19.5	19.5	19.5	19.8	19.9	19.8	19.5	19.3			
165	20.8	20.8	20.9	21.1	21.1	21.0	20.8	20.8	20.6	20.5	20.6	20.8	20.8	20.7	20.4	20.2			
170	21.6	21.7	21.7	21.7	21.8	21.7	21.7	21.8	21.6	21.7	21.5	21.5	21.5	21.5	21.2	21.1			
175	22.4	22.4	22.5	22.4	22.3	22.4	22.6	22.5	22.5	22.6	22.6	22.3	22.2	22.3	22.3	22.0			
180	23.0	23.0	23.1	22.9	22.8	22.8	23.0	22.7	23.0	22.9	23.1	22.9	22.8	22.8	23.0	22.7			

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