

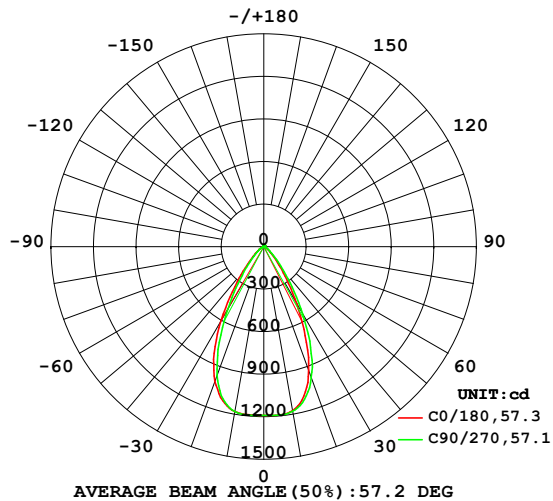
TLO015-21 36V350mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

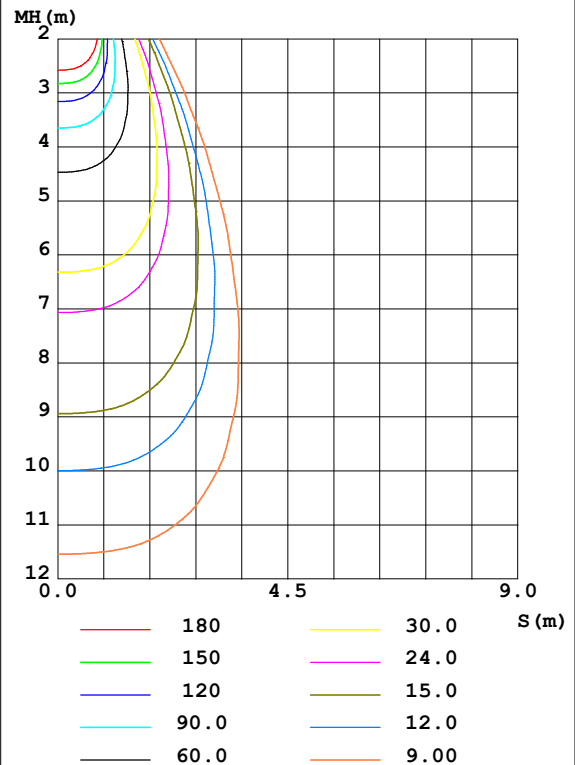
NAME: TLO015-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.77 lm/W			
MODEL		Imax(cd)	1194	S/MH(C0/180)	0.90
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.85
RATED VOLTAGE(V)	110	TOTAL FLUX(lm)	1158.5	η UP,DN(C0-180)	1.2,49.3
NOMINAL FLUX(lm)	1158.51	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,48.3
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: HIGH
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-15

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:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 57.2D 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	1174	1168	1179	1182	1180	1188	1180	1167	0- 10	113.4	113.4	9.79,9.79
20	924.4	916.6	981.3	1025	1009	1029	966.3	894.1	10- 20	307.8	421.2	36.4,36.4
30	464.7	471.0	552.7	623.2	606.5	607.0	508.6	435.5	20- 30	344.6	765.8	66.1,66.1
40	168.3	170.8	210.1	246.4	228.5	230.4	186.6	152.6	30- 40	213.7	979.4	84.5,84.5
50	58.81	59.36	72.55	84.11	76.72	78.64	65.40	55.62	40- 50	92.79	1072	92.6,92.6
60	23.35	23.17	29.05	33.47	31.93	32.10	27.02	21.45	50- 60	40.30	1113	96,96
70	5.065	4.946	7.255	9.585	8.782	8.758	6.388	4.260	60- 70	15.42	1128	97.4,97.4
80	0.2985	0.2976	0.3213	0.5492	0.3979	0.3953	0.2692	0.2551	70- 80	2.673	1131	97.6,97.6
90	0.3421	0.3458	0.3162	0.3052	0.2634	0.2602	0.2899	0.3130	80- 90	0.3196	1131	97.6,97.6
100	0.6293	0.6430	0.5679	0.4900	0.4678	0.4676	0.5445	0.6062	90-100	0.4426	1131	97.7,97.7
110	1.399	1.420	1.220	1.040	0.9973	1.015	1.198	1.372	100-110	0.8731	1132	97.7,97.7
120	3.046	3.094	2.705	2.341	2.282	2.312	2.676	3.006	110-120	1.839	1134	97.9,97.9
130	5.538	5.619	5.095	4.603	4.535	4.561	5.062	5.508	120-130	3.390	1137	98.2,98.2
140	8.423	8.486	7.998	7.436	7.393	7.402	7.924	8.377	130-140	4.978	1142	98.6,98.6
150	10.94	11.05	10.76	10.27	10.16	10.18	10.63	10.86	140-150	5.808	1148	99.1,99.1
160	12.37	12.55	12.57	12.19	12.06	12.08	12.44	12.34	150-160	5.323	1154	99.6,99.6
170	13.25	13.40	13.47	13.27	13.26	13.30	13.41	13.24	160-170	3.627	1157	99.9,99.9
180	14.05	14.27	14.11	14.12	14.09	14.29	14.13	14.14	170-180	1.301	1159	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

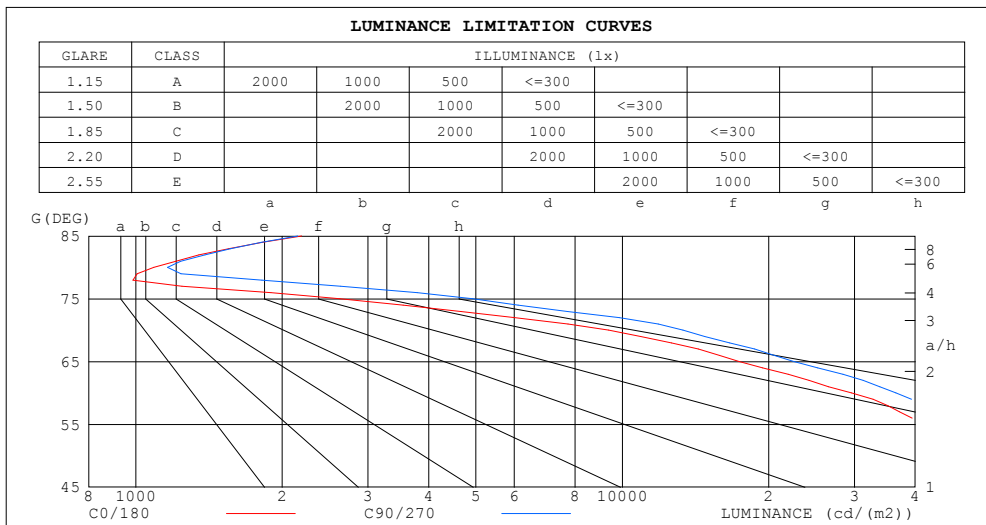
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-15

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:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

LUMINANCE LIMITATION CURVES

NAME: TLO015-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2191	2154
80	1089	1163
75	2624	4928
70	9382	13334
65	17384	22525
60	29581	36521
55	42091	50000
50	57960	70944
45	86766	108297

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 28DEG
 Operators: CJY
 Test Date: 2024-08-15

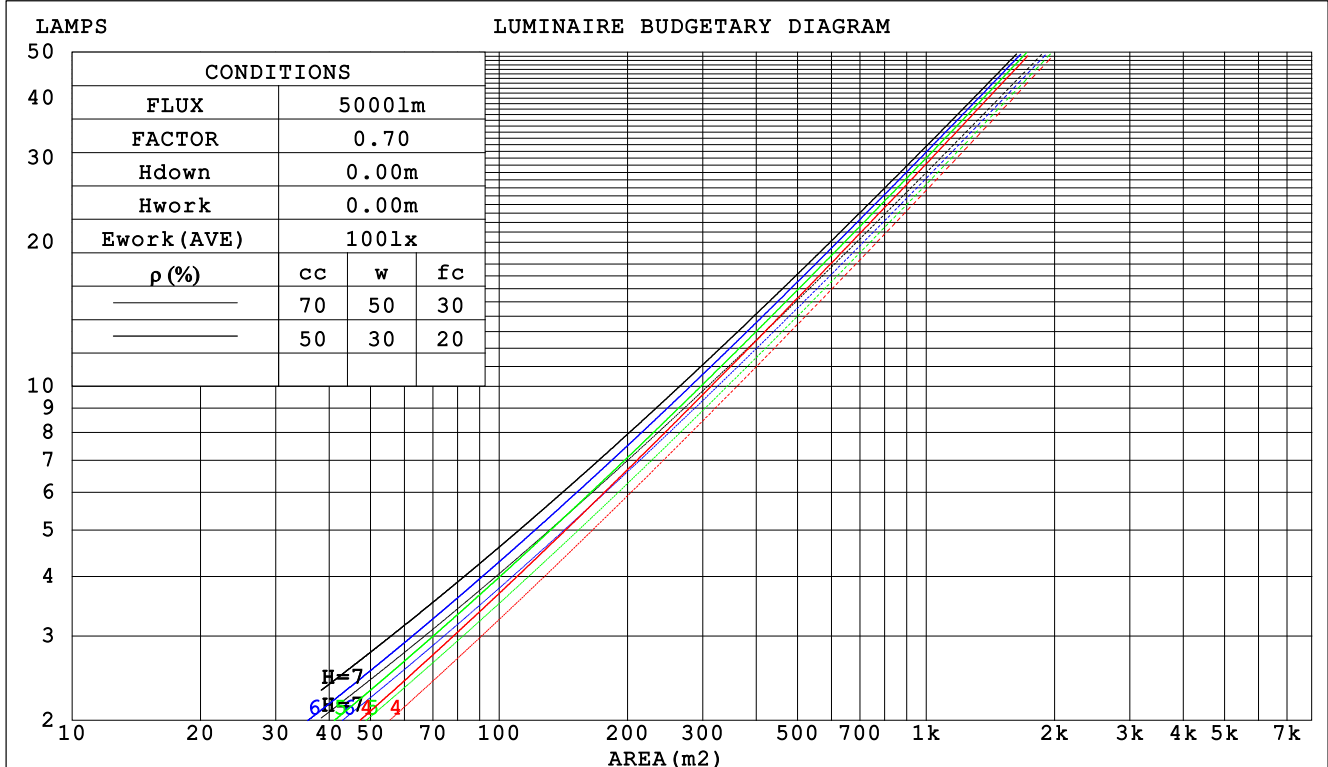
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 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 5.190m [K=1.0000]
 Remarks:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO015-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	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	1.07	1.05	1.07	1.05	1.03	1.03	1.01	.99	.99	.97	.96	.95	.94	.93	.91
2.0	1.01	.97	.94	.99	.96	.92	.96	.93	.90	.92	.90	.88	.89	.87	.85	.84
3.0	.94	.89	.85	.92	.88	.84	.89	.85	.82	.87	.83	.80	.84	.81	.79	.77
4.0	.87	.82	.77	.86	.81	.77	.84	.79	.75	.81	.77	.74	.79	.76	.73	.71
5.0	.81	.75	.71	.80	.75	.70	.78	.73	.70	.76	.72	.69	.75	.71	.68	.66
6.0	.76	.70	.65	.75	.69	.65	.73	.68	.64	.72	.67	.64	.70	.66	.63	.62
7.0	.71	.65	.61	.71	.65	.60	.69	.64	.60	.68	.63	.59	.66	.62	.59	.58
8.0	.67	.61	.57	.66	.61	.56	.65	.60	.56	.64	.59	.56	.63	.58	.55	.54
9.0	.63	.57	.53	.63	.57	.53	.61	.56	.52	.60	.56	.52	.59	.55	.52	.50
10.0	.60	.54	.50	.59	.53	.50	.58	.53	.49	.57	.52	.49	.56	.52	.49	.47



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-15

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:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

WEC AND CCEC

NAME: TLO015-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	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	.188	.107	.034	.181	.103	.033	.167	.096	.031	.154	.089	.028	.142	.082	.027		
2.0	.181	.099	.030	.175	.096	.030	.163	.090	.028	.152	.085	.027	.141	.080	.025		
3.0	.172	.092	.027	.167	.089	.027	.157	.085	.026	.147	.081	.025	.138	.077	.024		
4.0	.164	.085	.025	.159	.083	.025	.150	.080	.024	.142	.076	.023	.134	.073	.022		
5.0	.156	.079	.023	.152	.078	.023	.144	.075	.022	.136	.072	.021	.129	.069	.021		
6.0	.148	.074	.021	.145	.073	.021	.138	.070	.021	.131	.068	.020	.125	.066	.020		
7.0	.141	.070	.020	.138	.069	.020	.132	.067	.019	.126	.064	.019	.120	.062	.018		
8.0	.135	.066	.019	.132	.065	.018	.126	.063	.018	.121	.061	.018	.116	.059	.017		
9.0	.129	.062	.017	.126	.061	.017	.121	.060	.017	.116	.058	.017	.112	.057	.016		
10.0	.123	.059	.016	.121	.058	.016	.116	.057	.016	.112	.055	.016	.108	.054	.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	.176	.162	.163	.151	.140	.111	.104	.097	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.130	.151	.130	.112	.103	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.164	.132	.107	.141	.114	.092	.097	.079	.065	.056	.046	.038	.018	.015	.013	
4.0	.154	.118	.090	.133	.102	.078	.091	.071	.055	.053	.042	.032	.017	.014	.011	
5.0	.146	.106	.077	.125	.092	.067	.086	.064	.047	.050	.038	.028	.016	.012	.009	
6.0	.139	.097	.067	.119	.084	.059	.082	.059	.041	.048	.035	.025	.015	.011	.008	
7.0	.132	.090	.060	.114	.078	.052	.079	.055	.037	.046	.032	.022	.015	.011	.007	
8.0	.127	.084	.054	.109	.073	.047	.076	.051	.033	.044	.030	.020	.014	.010	.007	
9.0	.122	.079	.049	.105	.068	.043	.073	.048	.031	.042	.028	.018	.014	.009	.006	
10.0	.117	.074	.046	.101	.064	.040	.070	.045	.028	.041	.027	.017	.013	.009	.006	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-15

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:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO015-21					TYPE:57.2D					WEIGHT:1				
SPEC.:3000K CRI90					DIM.:					SERIAL No.:				
MFR.:					SUR.:45					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	22.7	23.7	22.9	23.9	24.1	23.4	24.4	23.7	24.6	24.9			
	3H	22.6	23.5	22.9	23.7	24.0	23.4	24.3	23.7	24.5	24.8			
	4H	22.5	23.3	22.8	23.6	23.9	23.3	24.2	23.6	24.4	24.7			
	6H	22.4	23.2	22.7	23.5	23.8	23.2	24.0	23.5	24.3	24.6			
	8H	22.3	23.1	22.7	23.4	23.7	23.2	23.9	23.5	24.2	24.5			
	12H	22.3	23.0	22.7	23.3	23.7	23.1	23.8	23.5	24.2	24.5			
4H	2H	22.5	23.4	22.9	23.7	23.9	23.3	24.1	23.6	24.4	24.7			
	3H	22.5	23.2	22.8	23.5	23.8	23.2	24.0	23.6	24.3	24.6			
	4H	22.4	23.0	22.8	23.4	23.7	23.2	23.8	23.5	24.2	24.5			
	6H	22.3	22.9	22.7	23.2	23.6	23.1	23.6	23.5	24.0	24.4			
	8H	22.2	22.8	22.7	23.2	23.6	23.0	23.5	23.4	23.9	24.4			
	12H	22.2	22.7	22.6	23.1	23.5	22.9	23.4	23.4	23.9	24.3			
8H	4H	22.2	22.8	22.7	23.2	23.6	23.0	23.5	23.4	23.9	24.4			
	6H	22.1	22.6	22.6	23.0	23.5	22.9	23.3	23.4	23.8	24.2			
	8H	22.1	22.5	22.6	22.9	23.4	22.8	23.2	23.3	23.7	24.2			
	12H	22.0	22.3	22.5	22.8	23.3	22.8	23.1	23.3	23.6	24.1			
12H	4H	22.2	22.7	22.6	23.1	23.5	22.9	23.4	23.4	23.9	24.3			
	6H	22.1	22.5	22.6	22.9	23.4	22.8	23.2	23.3	23.7	24.2			
	8H	22.0	22.3	22.5	22.8	23.3	22.8	23.1	23.3	23.6	24.1			
Variations with the observer position at spacings:														
S = 1.0H		+ 2.1 / - 4.2					+ 2.6 / - 4.1							
1.5H		+ 3.3 / - 2.7					+ 3.9 / - 3.1							
2.0H		+ 3.4 / - 4.0					+ 4.1 / - 4.3							

CIE Pub.117, 1159 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.5)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-15

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:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

UTILIZATION FACTORS TABLE

NAME: TLO015-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	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) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	70	81	74	70	80	74	70	66
0.80	90	83	79	89	83	79	88	82	78	74
1.00	95	89	85	94	88	84	92	88	84	79
1.25	100	94	90	99	93	89	96	92	88	84
1.50	103	98	94	101	97	93	99	95	92	87
2.00	106	102	98	105	100	97	101	98	95	89
2.50	108	104	101	106	103	100	103	100	97	91
3.00	110	106	103	108	105	102	104	102	99	92
4.00	112	109	107	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	104	95
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

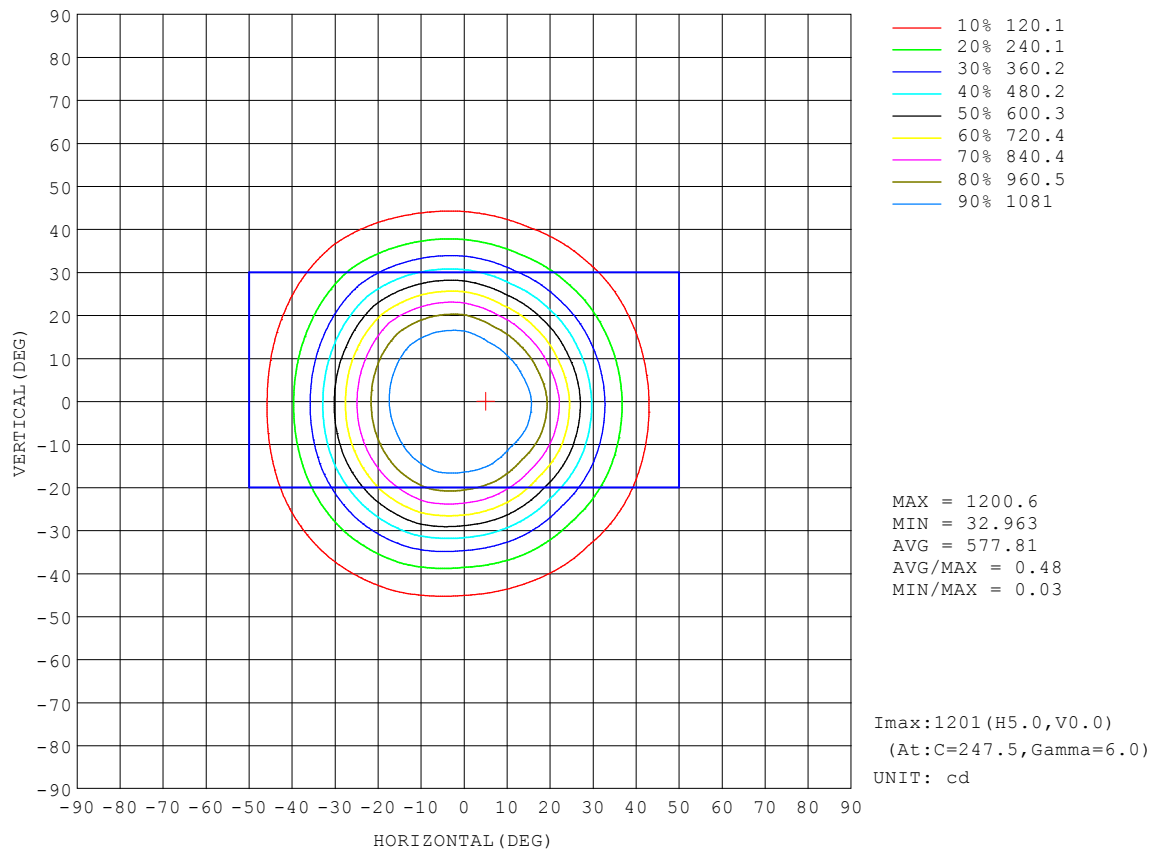
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 Humidity: 65.0%
 Test Distance: 5.190m [K=1.0000]
 Remarks:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

ISOCANDELA DIAGRAM

NAME: TLO015-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:



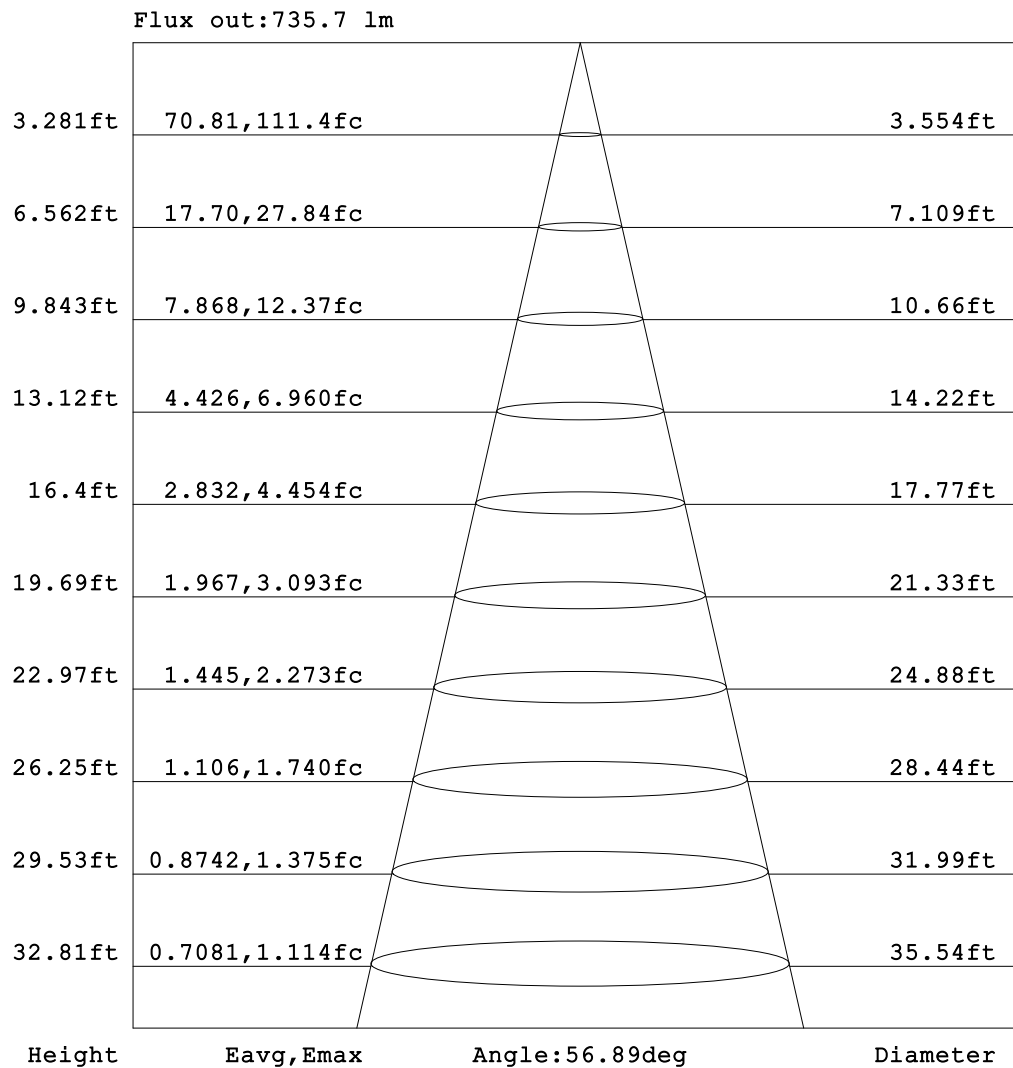
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Humidity: 65.0%
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Remarks:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

AAI Figure

NAME: TLO015-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:



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

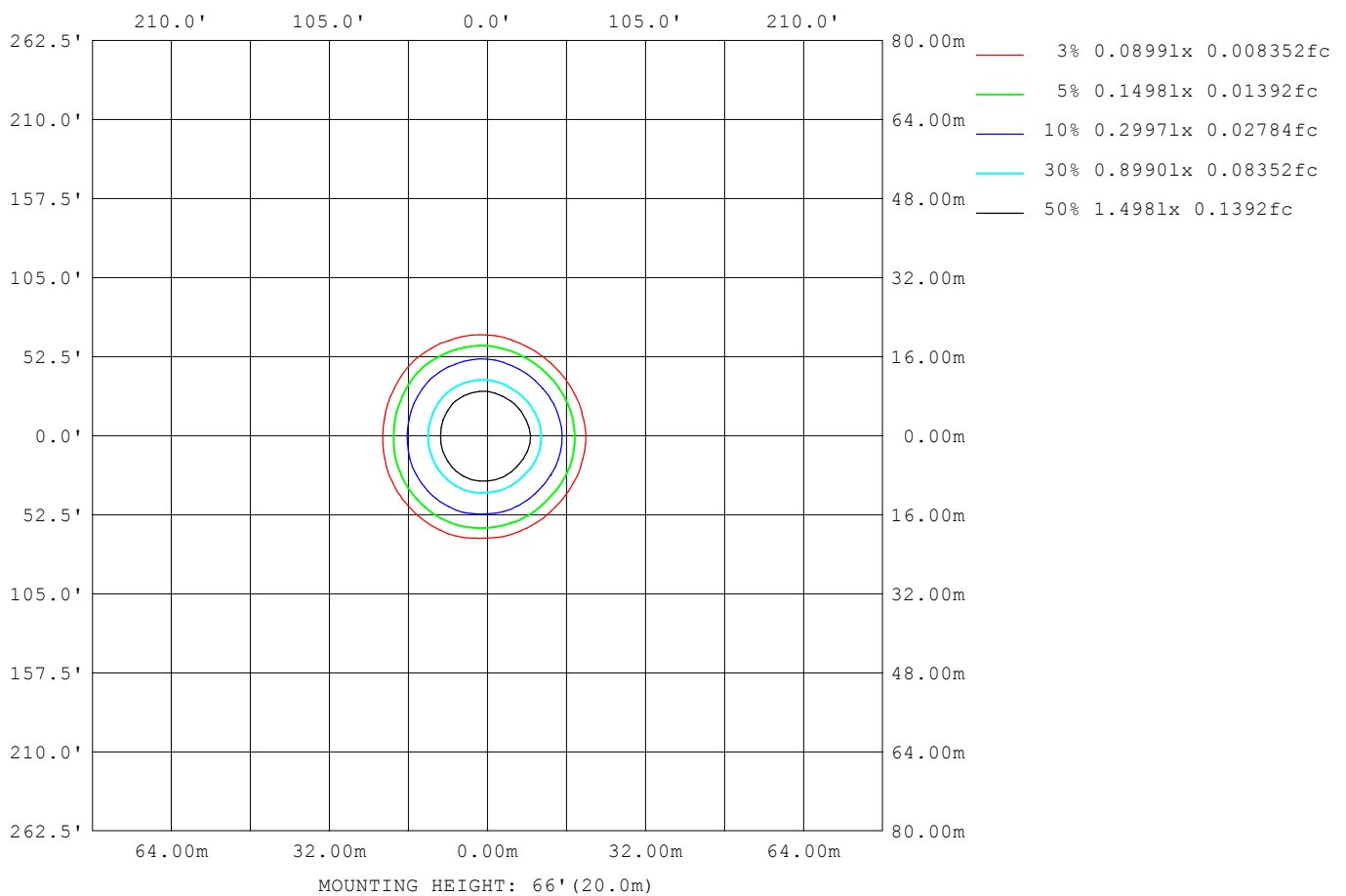
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Remarks:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

ISOLUX DIAGRAM

NAME: TLO015-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
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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:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

LED Avg.L Report

NAME: TLO015-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	22029
L_0~180 (75) av	4800
L_0~180 (85) av	1992
L_90~270 (65) av	21529
L_90~270 (75) av	4434
L_90~270 (85) av	1996
L_45 (65) av	22042
L_45 (75) av	4967
L_45 (85) av	1992

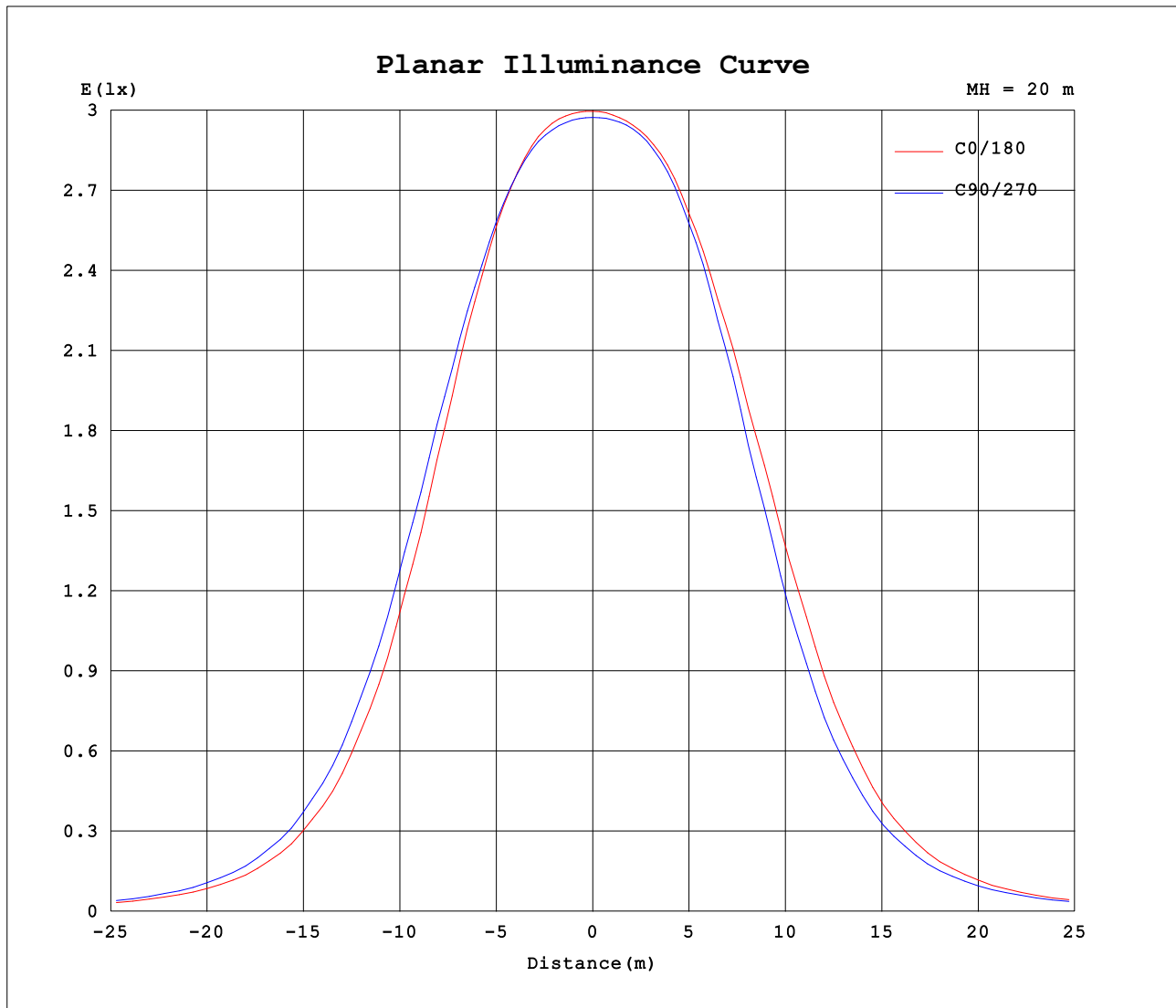
Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-15

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:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-15

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:

TLO015-21 36V350mA CXM-9-30-90-36-AA40 57.2D 3000K CRI90 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO015-21	TYPE: 57.2D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	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	1191	1191	1191	1191	1191	1191	1191	1191	1191	1191	1191	1191	1191	1191	1191	1191			
5	1193	1193	1192	1192	1192	1191	1190	1189	1190	1191	1193	1193	1193	1192	1192	1192			
10	1174	1173	1168	1175	1179	1184	1182	1181	1180	1183	1188	1187	1180	1169	1167	1171			
15	1093	1094	1081	1102	1114	1132	1133	1130	1124	1129	1141	1130	1114	1080	1074	1082			
20	924	934	917	955	981	1021	1025	1021	1009	1012	1029	997	966	907	894	902			
25	694	706	697	743	783	840	850	849	830	829	839	791	746	674	658	665			
30	465	474	471	513	553	613	623	626	607	598	607	555	509	449	435	443			
35	286	291	290	321	350	398	412	406	389	382	390	350	317	275	264	271			
40	168	169	171	190	210	239	246	242	229	227	230	206	187	161	153	158			
45	96.9	98.2	98.1	110	122	141	142	141	132	131	135	120	109	94.4	89.6	92.3			
50	58.8	60.0	59.4	66.1	72.6	81.2	84.1	81.8	76.7	77.6	78.6	72.0	65.4	57.6	55.6	56.7			
55	38.1	38.9	38.2	42.2	45.6	50.2	52.0	51.2	48.8	48.6	49.5	45.6	42.2	37.1	36.1	36.8			
60	23.3	24.1	23.2	26.6	29.1	32.2	33.5	33.4	31.9	31.5	32.1	29.5	27.0	22.4	21.5	22.1			
65	11.6	12.0	11.5	13.5	15.1	18.1	19.1	19.5	18.0	17.5	18.0	15.7	13.8	11.1	10.6	10.9			
70	5.07	5.25	4.95	6.19	7.26	8.83	9.59	9.69	8.78	8.45	8.76	7.45	6.39	4.67	4.26	4.48			
75	1.07	1.14	1.03	1.50	2.03	3.02	3.53	3.53	2.88	2.70	2.87	2.16	1.62	0.92	0.74	0.83			
80	0.30	0.37	0.30	0.37	0.32	0.46	0.55	0.55	0.40	0.36	0.40	0.29	0.27	0.25	0.26	0.25			
85	0.30	0.30	0.30	0.30	0.30	0.32	0.30	0.37	0.25	0.25	0.25	0.25	0.25	0.24	0.25	0.25			
90	0.34	0.35	0.35	0.35	0.32	0.32	0.31	0.32	0.26	0.27	0.26	0.25	0.29	0.29	0.31	0.29			
95	0.45	0.47	0.46	0.45	0.41	0.39	0.36	0.39	0.34	0.32	0.34	0.34	0.39	0.40	0.42	0.39			
100	0.63	0.65	0.64	0.62	0.57	0.53	0.49	0.52	0.47	0.44	0.47	0.49	0.54	0.58	0.61	0.57			
105	0.92	0.94	0.94	0.88	0.81	0.74	0.70	0.72	0.67	0.66	0.68	0.73	0.79	0.87	0.90	0.86			
110	1.40	1.40	1.42	1.32	1.22	1.09	1.04	1.06	1.00	1.01	1.01	1.11	1.20	1.33	1.37	1.33			
115	2.10	2.09	2.14	1.97	1.84	1.63	1.57	1.59	1.52	1.56	1.54	1.69	1.82	2.01	2.06	2.01			
120	3.05	3.03	3.09	2.88	2.70	2.41	2.34	2.36	2.28	2.33	2.31	2.50	2.68	2.94	3.01	2.95			
125	4.21	4.19	4.28	4.01	3.80	3.44	3.36	3.38	3.30	3.35	3.33	3.55	3.77	4.09	4.17	4.08			
130	5.54	5.53	5.62	5.33	5.09	4.69	4.60	4.62	4.54	4.58	4.56	4.82	5.06	5.42	5.51	5.39			
135	6.97	6.96	7.06	6.76	6.52	6.09	5.99	6.00	5.93	5.95	5.94	6.19	6.47	6.84	6.94	6.80			
140	8.42	8.40	8.49	8.24	8.00	7.57	7.44	7.47	7.39	7.40	7.40	7.64	7.92	8.28	8.38	8.22			
145	9.78	9.76	9.86	9.64	9.44	9.01	8.90	8.92	8.84	8.85	8.84	9.07	9.33	9.66	9.71	9.54			
150	10.9	10.9	11.0	10.9	10.8	10.4	10.3	10.3	10.2	10.2	10.2	10.4	10.6	10.8	10.9	10.7			
155	11.8	11.9	11.9	11.9	11.9	11.5	11.4	11.4	11.3	11.2	11.3	11.5	11.7	11.8	11.7	11.6			
160	12.4	12.4	12.5	12.6	12.6	12.4	12.2	12.2	12.1	12.0	12.1	12.3	12.4	12.4	12.3	12.2			
165	12.8	12.9	13.0	13.1	13.1	13.0	12.8	12.8	12.7	12.7	12.7	12.9	13.0	12.9	12.8	12.6			
170	13.3	13.3	13.4	13.5	13.5	13.4	13.3	13.3	13.3	13.3	13.3	13.3	13.4	13.3	13.2	13.1			
175	13.7	13.8	13.9	13.9	13.8	13.8	13.8	13.8	13.8	13.8	14.0	13.8	13.8	13.8	13.8	13.6			
180	14.1	14.1	14.3	14.1	14.1	14.1	14.1	13.9	14.1	14.1	14.3	14.1	14.1	14.0	14.1	13.9			

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