

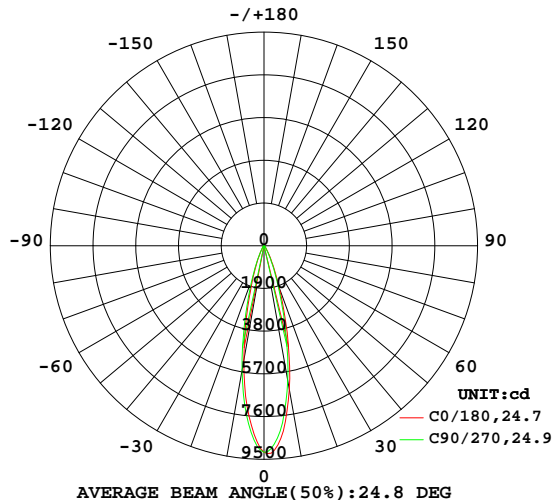
TLO025-21 36V600mA CXM-14-30-90-36-UC40 25D 3000K CRI90 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

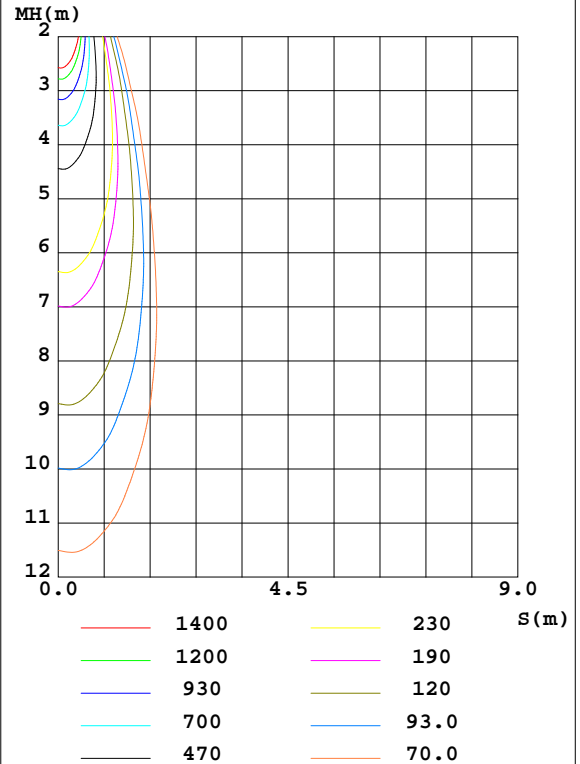
NAME: TLO025-21	TYPE: 25D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 104.21 lm/W			
MODEL		Imax(cd)	9261	S/MH(C0/180)	0.38
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	0.41
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2332.1	η UP,DN(C0-180)	1.2,52.1
NOMINAL FLUX(lm)	2332.11	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,45.5
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	97.6	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: LXJ
Test Date: 2024-12-02

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:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 25D 3000K CRI90 NA

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	6498	6288	6100	5747	5189	5455	5623	5981	0- 10	700.7	700.7	30,30
20	1965	1828	1728	1489	1303	1384	1515	1633	10- 20	924.3	1625	69.7,69.7
30	427.9	394.7	349.6	296.2	259.3	271.4	298.9	328.6	20- 30	358.1	1983	85,85
40	130.4	127.5	117.8	102.9	100.4	104.4	107.8	106.6	30- 40	115.9	2099	90,90
50	72.05	74.84	69.90	67.52	62.11	65.72	64.80	67.44	40- 50	66.50	2165	92.9,92.9
60	50.07	50.76	48.82	47.64	44.22	43.81	45.52	47.83	50- 60	51.28	2217	95.1,95.1
70	31.71	31.05	30.44	29.33	25.36	24.99	26.65	29.58	60- 70	37.68	2254	96.7,96.7
80	9.485	9.235	8.547	7.470	4.800	5.441	6.161	7.872	70- 80	18.43	2273	97.5,97.5
90	0.9710	0.9308	0.8610	0.7480	0.6911	0.6648	0.6662	0.6344	80- 90	2.893	2276	97.6,97.6
100	0.9263	0.9263	0.9395	0.9604	0.9876	0.9574	0.9496	0.9042	90-100	0.8871	2277	97.6,97.6
110	1.262	1.263	1.298	1.329	1.403	1.351	1.311	1.243	100-110	1.171	2278	97.7,97.7
120	2.229	2.307	2.418	2.591	2.727	2.565	2.416	2.207	110-120	1.718	2280	97.7,97.7
130	6.142	6.564	6.867	7.404	7.731	7.287	6.926	6.315	120-130	3.749	2283	97.9,97.9
140	15.98	16.56	17.16	18.03	18.56	17.80	17.32	16.37	130-140	8.907	2292	98.3,98.3
150	27.51	27.82	28.51	29.12	29.52	28.91	28.63	27.82	140-150	14.42	2307	98.9,98.9
160	32.08	32.21	32.97	33.07	32.66	32.60	32.76	32.05	150-160	14.46	2321	99.5,99.5
170	27.55	26.85	27.39	27.23	26.95	26.65	26.51	26.43	160-170	8.721	2330	99.9,99.9
180	22.58	22.77	22.10	22.78	22.62	22.80	22.12	22.78	170-180	2.355	2332	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

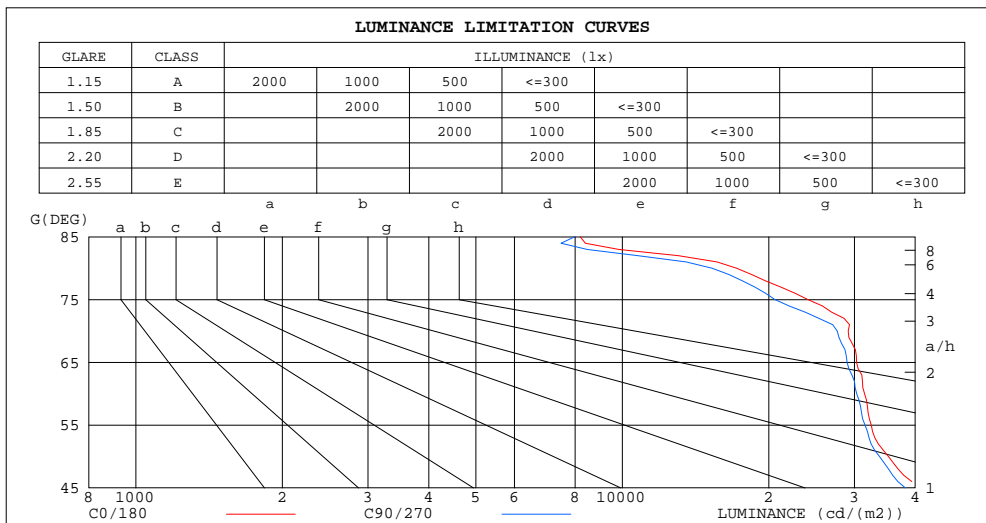
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:LXJ
Test Date:2024-12-02

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:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 25D 3000K CRI90 NA

LUMINANCE LIMITATION CURVES

NAME: TLO025-21	TYPE: 25D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	8194	7981
80	17165	15287
75	24068	20582
70	29139	27648
65	30297	28974
60	31467	30327
55	32486	31534
50	35222	33775
45	41038	38180

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: LXJ
Test Date: 2024-12-02

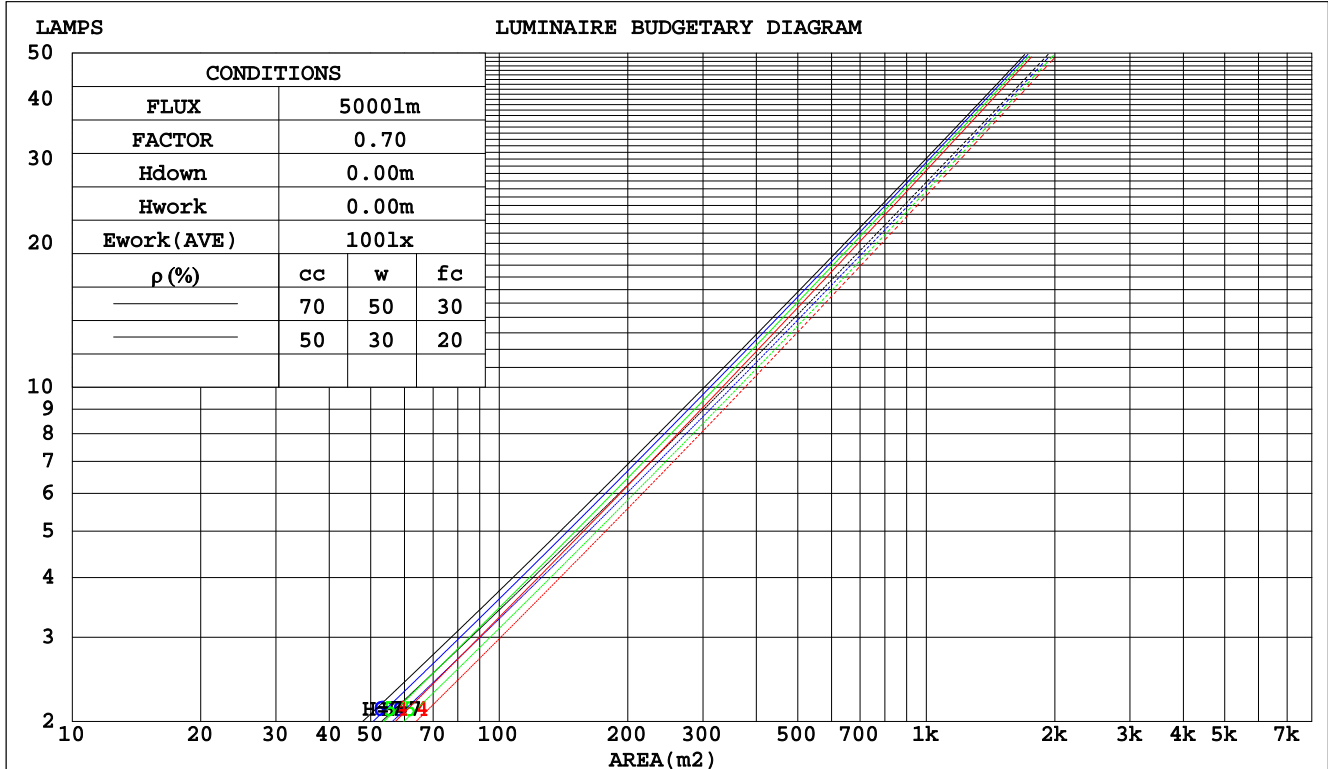
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 25D 3000K CRI90 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO025-21	TYPE: 25D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	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	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.01	1.00	.99	.98	.96	.96	.95	.93
2.0	1.05	1.01	.98	1.03	.00	.97	.99	.97	.95	.96	.94	.92	.93	.91	.90	.88
3.0	.99	.95	.92	.98	.94	.91	.95	.92	.89	.92	.90	.87	.90	.88	.86	.84
4.0	.95	.90	.86	.93	.89	.86	.91	.87	.85	.89	.86	.83	.87	.84	.82	.81
5.0	.90	.86	.82	.89	.85	.82	.87	.84	.81	.86	.82	.80	.84	.81	.79	.78
6.0	.87	.82	.78	.86	.81	.78	.84	.80	.77	.83	.79	.77	.81	.78	.76	.75
7.0	.83	.79	.75	.83	.78	.75	.81	.77	.74	.80	.76	.74	.79	.76	.73	.72
8.0	.80	.76	.72	.80	.75	.72	.79	.75	.72	.77	.74	.71	.76	.73	.71	.70
9.0	.78	.73	.70	.77	.73	.70	.76	.72	.69	.75	.72	.69	.74	.71	.69	.68
10.0	.75	.71	.68	.75	.70	.67	.74	.70	.67	.73	.69	.67	.72	.69	.67	.66



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: LXJ
Test Date: 2024-12-02

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:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 25D 3000K CRI90 NA

WEC AND CCEC

NAME: TLO025-21	TYPE: 25D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	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	.159	.090	.029	.152	.087	.027	.138	.079	.025	.125	.072	.023	.113	.066	.021	
2.0	.148	.081	.025	.142	.078	.024	.131	.073	.023	.120	.067	.021	.110	.062	.020	
3.0	.138	.074	.022	.133	.071	.021	.123	.067	.020	.114	.062	.019	.105	.058	.018	
4.0	.129	.067	.020	.125	.065	.019	.116	.062	.018	.108	.058	.018	.101	.055	.017	
5.0	.121	.062	.018	.117	.060	.018	.110	.057	.017	.103	.054	.016	.097	.052	.016	
6.0	.114	.057	.016	.111	.056	.016	.104	.054	.016	.098	.051	.015	.093	.049	.014	
7.0	.108	.053	.015	.105	.052	.015	.099	.050	.014	.094	.048	.014	.089	.046	.014	
8.0	.103	.050	.014	.100	.049	.014	.095	.047	.014	.090	.046	.013	.086	.044	.013	
9.0	.098	.047	.013	.095	.046	.013	.091	.045	.013	.086	.043	.012	.082	.042	.012	
10.0	.093	.045	.012	.091	.044	.012	.087	.043	.012	.083	.041	.012	.079	.040	.011	

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	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.188	.176	.165	.161	.151	.142	.110	.104	.098	.063	.060	.057	.020	.019	.018	
2.0	.172	.151	.134	.147	.130	.116	.101	.090	.081	.058	.052	.047	.019	.017	.015	
3.0	.158	.132	.112	.135	.114	.097	.093	.079	.068	.054	.046	.040	.017	.015	.013	
4.0	.146	.117	.095	.125	.101	.083	.086	.071	.058	.050	.041	.034	.016	.013	.011	
5.0	.136	.105	.082	.117	.091	.072	.081	.064	.051	.047	.037	.030	.015	.012	.010	
6.0	.128	.095	.072	.110	.083	.063	.076	.058	.045	.044	.034	.027	.014	.011	.009	
7.0	.120	.088	.065	.103	.076	.056	.071	.053	.040	.042	.031	.024	.013	.010	.008	
8.0	.114	.081	.058	.098	.070	.051	.068	.049	.036	.039	.029	.022	.013	.010	.007	
9.0	.108	.075	.053	.093	.065	.047	.065	.046	.033	.038	.027	.020	.012	.009	.007	
10.0	.103	.071	.049	.089	.061	.043	.062	.043	.031	.036	.026	.018	.012	.008	.006	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: LXJ
Test Date: 2024-12-02

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:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 25D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO025-21					TYPE:25D			WEIGHT:			
SPEC.:3000K CRI90					DIM.:			SERIAL No.:			
MFR.:					SUR.:64			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		16.4	17.2	16.7	17.4	17.6	16.2	16.9	16.4	17.1	17.3
3H		17.6	18.3	17.9	18.6	18.8	17.4	18.1	17.7	18.3	18.5
4H		18.1	18.7	18.4	19.0	19.2	17.8	18.4	18.1	18.7	18.9
6H		18.3	18.9	18.6	19.2	19.5	17.9	18.6	18.3	18.8	19.1
8H		18.3	18.9	18.6	19.2	19.5	18.0	18.6	18.3	18.8	19.1
12H		18.3	18.8	18.6	19.1	19.5	17.9	18.5	18.3	18.8	19.1
4H 2H		16.9	17.5	17.2	17.8	18.1	16.7	17.3	17.0	17.6	17.8
3H		18.3	18.9	18.6	19.2	19.5	18.1	18.7	18.5	19.0	19.3
4H		18.8	19.3	19.2	19.7	20.0	18.6	19.1	19.0	19.4	19.8
6H		19.1	19.6	19.5	19.9	20.3	18.8	19.3	19.2	19.7	20.1
8H		19.1	19.6	19.5	19.9	20.4	18.8	19.3	19.3	19.7	20.1
12H		19.1	19.5	19.5	19.9	20.3	18.8	19.2	19.2	19.6	20.1
8H 4H		18.9	19.4	19.4	19.8	20.2	18.7	19.2	19.1	19.5	20.0
6H		19.3	19.6	19.8	20.1	20.5	19.0	19.4	19.5	19.8	20.3
8H		19.3	19.7	19.8	20.1	20.6	19.1	19.4	19.6	19.8	20.3
12H		19.3	19.6	19.8	20.1	20.6	19.0	19.3	19.6	19.8	20.3
12H 4H		18.9	19.3	19.4	19.7	20.2	18.7	19.1	19.1	19.5	19.9
6H		19.3	19.6	19.8	20.0	20.5	19.0	19.3	19.5	19.8	20.3
8H		19.3	19.6	19.8	20.1	20.6	19.1	19.3	19.6	19.8	20.3
Variations with the observer position at spacings:											
S = 1.0H		+ 0.4 / - 0.5					+ 0.4 / - 0.5				
1.5H		+ 0.4 / - 0.4					+ 0.4 / - 0.4				
2.0H		+ 0.4 / - 0.5					+ 0.3 / - 0.5				

CIE Pub.117, 2332 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.9$)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:LXJ
Test Date:2024-12-02

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: TLO025-21	TYPE: 25D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	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	75	71
0.80	93	87	83	92	86	83	91	86	82	78
1.00	97	91	88	96	91	87	94	90	86	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	96	103	98	95	100	96	94	89
2.00	107	103	99	105	101	98	102	99	96	91
2.50	109	105	102	107	103	101	104	101	98	92
3.00	111	107	104	108	105	103	105	102	100	93
4.00	113	110	107	110	108	106	106	104	103	95
5.00	114	112	110	112	110	108	107	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNM = 1.25		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: LXJ
Test Date: 2024-12-02

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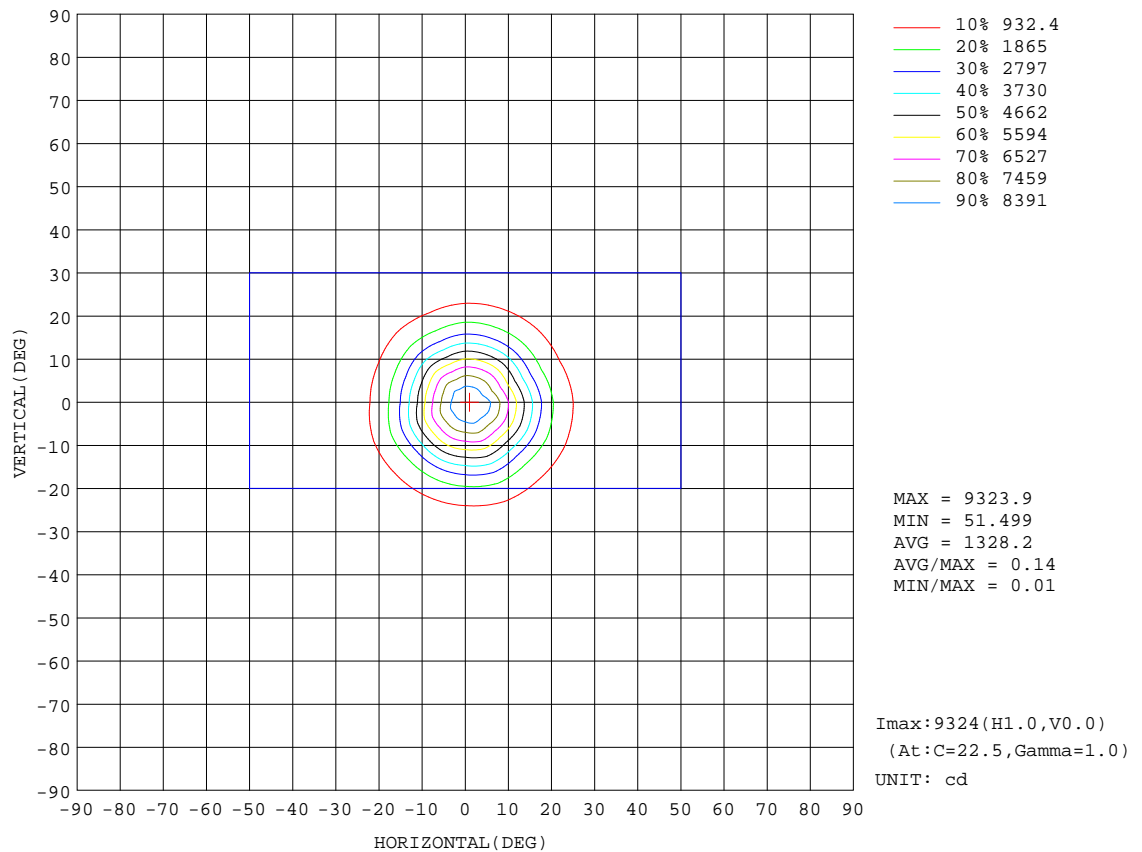
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

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TLO025-21 36V600mA CXM-14-30-90-36-UC40 25D 3000K CRI90 NA

ISOCANDELA DIAGRAM

NAME: TLO025-21	TYPE: 25D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: LXJ
Test Date: 2024-12-02

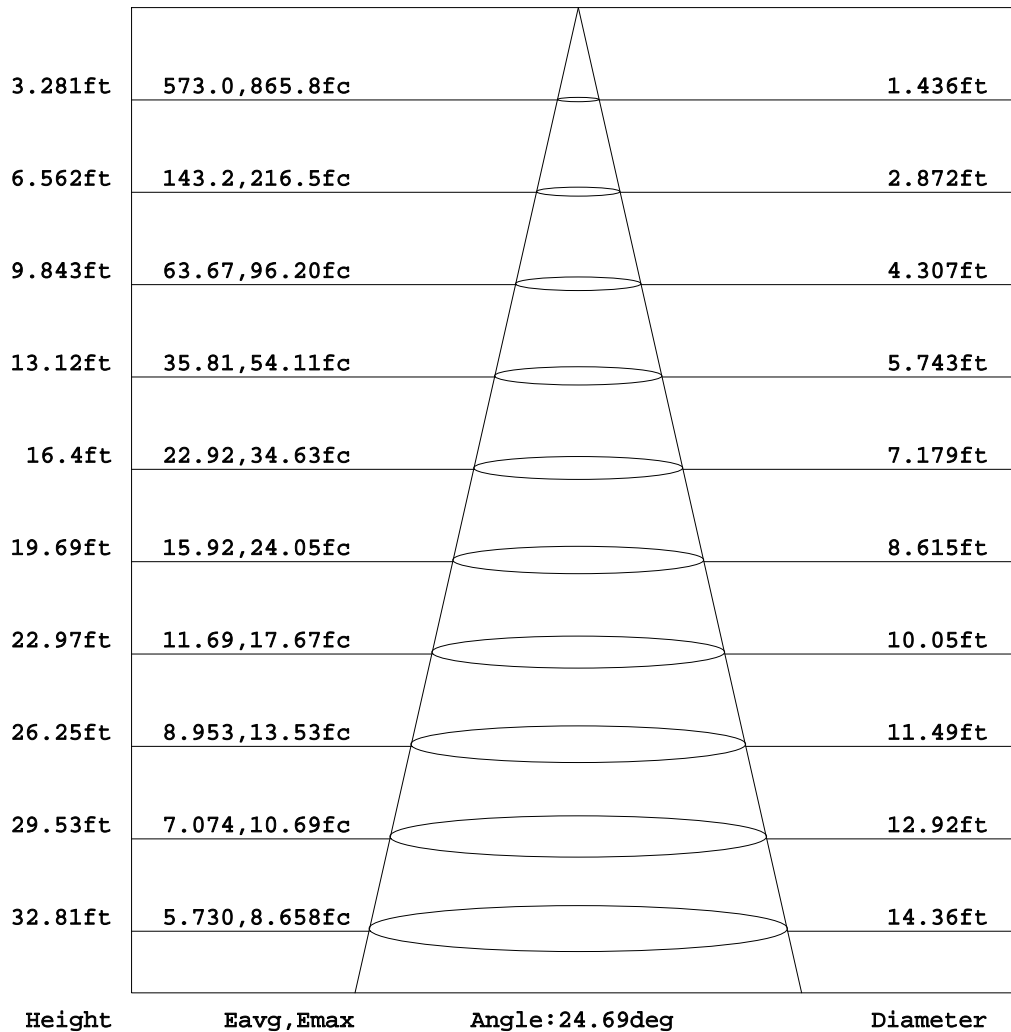
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 25D 3000K CRI90 NA

AAI Figure

NAME: TLO025-21	TYPE: 25D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:

Flux out: 1033 lm



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

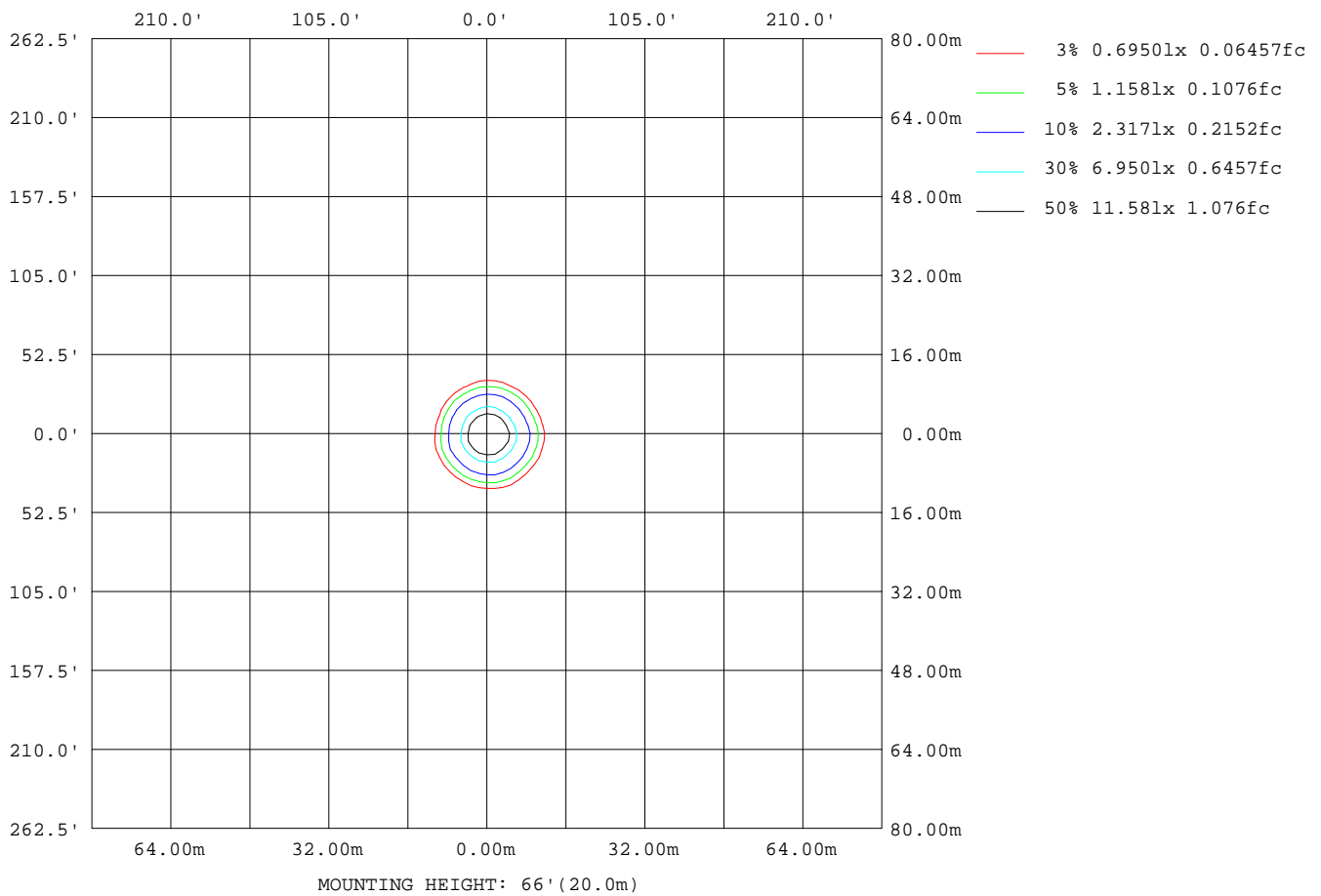
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Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 25D 3000K CRI90 NA

ISOLUX DIAGRAM

NAME: TLO025-21	TYPE: 25D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	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:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 25D 3000K CRI90 NA

LED Avg.L Report

NAME: TLO025-21	TYPE:25D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:64	Shielding Angle:

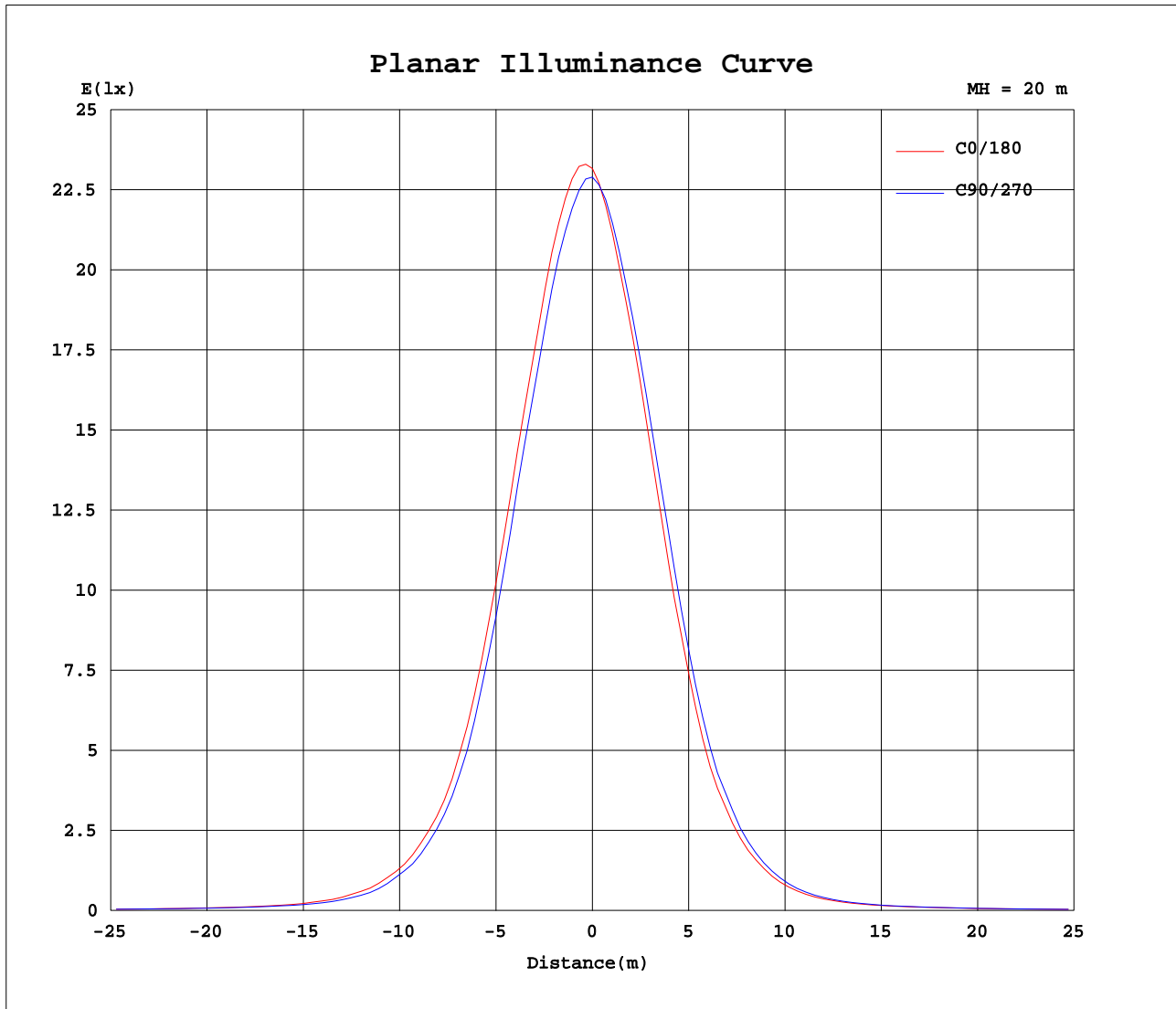
AvgL	cd/m2
L_0~180(65)av	28054
L_0~180(75)av	20491
L_0~180(85)av	7285
L_90~270(65)av	28056
L_90~270(75)av	19708
L_90~270(85)av	7432
L_45(65)av	28092
L_45(75)av	20266
L_45(85)av	7374

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:LXJ
Test Date:2024-12-02

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: LXJ
Test Date: 2024-12-02

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:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 25D 3000K CRI90 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO025-21	TYPE: 25D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:

Table--1

UNIT: cd

C(°)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
γ (°)	0	9187	9187	9187	9187	9187	9187	9187	9187	9187	9187	9187	9187	9187	9187	9187			
5	8601	8622	8399	8507	8278	8160	8012	7991	7624	7646	7820	7730	7933	8028	8160	8179			
10	6498	6554	6288	6423	6100	6025	5747	5730	5189	5205	5455	5343	5623	5756	5981	5965			
15	3993	4070	3795	3934	3599	3473	3251	3235	2798	2772	2969	2890	3139	3245	3448	3437			
20	1965	2001	1828	1919	1728	1642	1489	1548	1303	1267	1384	1339	1515	1525	1633	1639			
25	929	943	856	887	786	737	698	683	573	574	606	597	666	681	750	771			
30	428	431	395	400	350	325	296	309	259	251	271	265	299	298	329	355			
35	220	217	202	204	179	163	156	162	145	142	151	148	160	155	166	182			
40	130	132	127	127	118	107	103	109	100	101	104	103	108	105	107	118			
45	92.3	94.2	93.0	93.1	86.9	82.6	81.3	82.2	76.3	77.9	80.4	79.5	80.8	80.9	82.3	86.8			
50	72.0	74.4	74.8	73.6	69.9	68.7	67.5	66.4	62.1	63.9	65.7	64.3	64.8	66.4	67.4	69.1			
55	59.3	61.8	62.2	60.8	58.2	58.3	57.5	56.0	52.8	53.5	54.5	53.4	54.3	56.2	57.2	57.9			
60	50.1	51.6	50.8	51.0	48.8	48.8	47.6	46.9	44.2	44.3	43.8	44.6	45.5	47.1	47.8	48.4			
65	40.7	41.3	40.5	41.2	39.4	39.1	38.1	37.7	35.4	35.0	35.1	35.2	36.7	37.5	38.8	38.9			
70	31.7	32.0	31.0	32.4	30.4	30.0	29.3	28.6	25.4	24.8	25.0	25.0	26.6	28.2	29.6	30.4			
75	19.8	20.3	18.5	19.5	17.2	17.3	16.7	16.7	14.2	14.3	14.9	14.7	15.6	16.3	17.2	17.1			
80	9.49	10.0	9.24	9.73	8.55	8.42	7.47	7.39	4.80	4.78	5.44	5.07	6.16	6.86	7.87	7.73			
85	2.27	2.32	2.22	2.35	2.24	2.22	2.17	2.17	1.80	1.75	1.88	1.79	1.92	1.93	1.98	2.00			
90	0.97	1.09	0.93	1.04	0.86	0.79	0.75	0.75	0.69	0.66	0.66	0.65	0.67	0.64	0.63	0.64			
95	0.80	0.82	0.80	0.82	0.82	0.84	0.83	0.86	0.84	0.80	0.81	0.80	0.80	0.76	0.76	0.74			
100	0.93	0.94	0.93	0.94	0.94	0.97	0.96	0.99	0.99	0.96	0.96	0.95	0.95	0.90	0.90	0.89			
105	1.07	1.09	1.07	1.09	1.09	1.11	1.12	1.15	1.17	1.14	1.12	1.12	1.11	1.06	1.06	1.04			
110	1.26	1.27	1.26	1.28	1.30	1.31	1.33	1.38	1.40	1.38	1.35	1.35	1.31	1.25	1.24	1.23			
115	1.58	1.58	1.60	1.60	1.65	1.69	1.74	1.80	1.84	1.83	1.75	1.76	1.67	1.60	1.55	1.55			
120	2.23	2.21	2.31	2.26	2.42	2.46	2.59	2.63	2.73	2.74	2.56	2.62	2.42	2.31	2.21	2.21			
125	3.56	3.57	3.76	3.67	3.96	4.07	4.30	4.35	4.51	4.55	4.23	4.36	3.99	3.81	3.61	3.60			
130	6.14	6.19	6.56	6.36	6.87	7.07	7.40	7.48	7.73	7.76	7.29	7.50	6.93	6.66	6.32	6.27			
135	10.4	10.4	10.9	10.7	11.4	11.7	12.1	12.2	12.6	12.5	11.9	12.2	11.5	11.0	10.7	10.5			
140	16.0	16.1	16.6	16.4	17.2	17.6	18.0	18.2	18.6	18.5	17.8	18.1	17.3	16.9	16.4	16.3			
145	22.1	22.2	22.6	22.5	23.3	23.7	24.1	24.3	24.6	24.5	23.9	24.2	23.4	23.0	22.5	22.4			
150	27.5	27.6	27.8	27.8	28.5	28.8	29.1	29.3	29.5	29.5	28.9	29.3	28.6	28.3	27.8	27.8			
155	31.1	31.1	31.2	31.4	32.0	32.2	32.3	32.4	32.4	32.3	32.0	32.3	32.0	31.6	31.3	31.2			
160	32.1	32.1	32.2	32.7	33.0	33.1	33.1	32.9	32.7	32.6	32.6	32.9	32.8	32.4	32.0	32.0			
165	30.7	30.8	30.6	31.5	31.5	31.6	31.2	31.0	30.6	30.6	30.6	30.7	30.8	30.4	30.2	30.4			
170	27.6	27.5	26.9	27.5	27.4	27.3	27.2	27.5	26.9	27.0	26.6	26.3	26.5	26.5	26.4	26.8			
175	23.9	23.8	23.7	23.7	23.2	23.4	24.0	23.9	23.6	23.8	23.8	22.9	22.7	23.1	23.4	23.2			
180	22.6	22.5	22.8	22.2	22.1	22.0	22.8	22.3	22.6	22.5	22.8	22.1	22.1	22.0	22.8	22.3			

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