

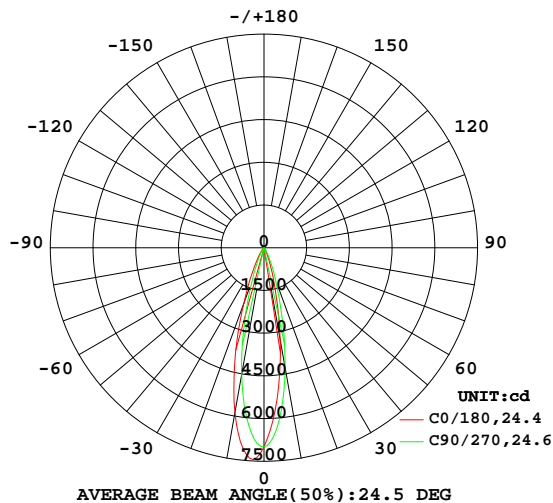
TLO020-21 36V500mA CXM-14-30-90-36-UC40 24D 3000K CRI90 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

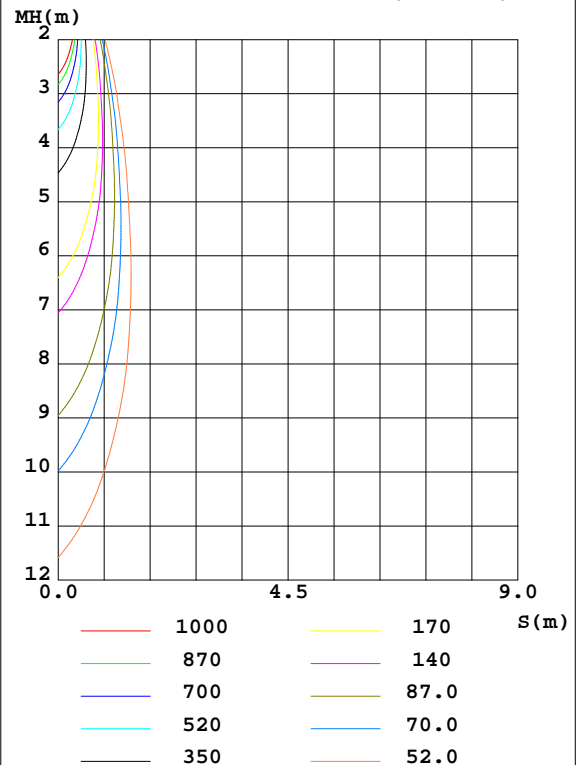
NAME: TLO020-21	TYPE: 24D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 99.27 lm/W			
MODEL		Imax(cd)	7474	S/MH(C0/180)	0.51
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.43
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1829.7	η UP,DN(C0-180)	1.2,46.5
NOMINAL FLUX(lm)	1829.68	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,51.1
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: 2024-11-15

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:

TLO020-21 36V500mA CXM-14-30-90-36-UC40 24D 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	3281	3450	4279	5394	5884	5595	4521	3595	0- 10	538.9	538.9	29.5,29.5
20	660.1	758.7	1155	1754	2069	1892	1209	782.0	10- 20	722.6	1261	68.9,68.9
30	123.2	148.2	252.5	415.0	478.0	414.9	245.0	147.9	20- 30	292.7	1554	84.9,84.9
40	63.12	66.12	85.70	112.3	122.2	109.2	85.57	67.81	30- 40	96.73	1651	90.2,90.2
50	44.22	44.15	51.58	56.71	60.87	58.59	53.02	45.53	40- 50	50.98	1702	93,93
60	30.28	31.08	35.46	39.78	43.15	40.93	36.68	32.23	50- 60	38.96	1741	95.1,95.1
70	15.63	16.43	21.62	26.06	29.11	26.91	19.73	16.95	60- 70	28.61	1769	96.7,96.7
80	2.042	2.218	4.601	8.675	10.28	7.586	3.601	2.528	70- 80	13.78	1783	97.5,97.5
90	0.6240	0.6567	0.6927	0.9381	1.141	0.6173	0.5073	0.5515	80- 90	2.252	1786	97.6,97.6
100	0.8365	0.8177	0.7604	0.6967	0.6355	0.6391	0.7190	0.7787	90-100	0.7052	1786	97.6,97.6
110	1.270	1.202	1.045	0.9368	0.8459	0.8603	0.9926	1.143	100-110	0.9182	1787	97.7,97.7
120	2.864	2.658	2.013	1.513	1.254	1.365	1.810	2.393	110-120	1.385	1789	97.8,97.8
130	8.109	7.624	5.737	4.125	3.279	3.653	5.034	6.834	120-130	3.040	1792	97.9,97.9
140	17.31	16.62	14.05	11.37	9.712	10.43	12.89	15.67	130-140	7.056	1799	98.3,98.3
150	24.50	24.07	22.64	20.64	19.17	19.83	21.85	23.64	140-150	11.22	1810	98.9,98.9
160	24.40	24.88	25.68	25.45	25.09	25.30	25.68	24.86	150-160	11.17	1821	99.5,99.5
170	18.66	19.15	21.59	22.98	23.49	23.13	21.86	19.48	160-170	6.785	1828	99.9,99.9
180	17.92	18.48	18.29	18.54	17.91	18.46	18.28	18.55	170-180	1.886	1830	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

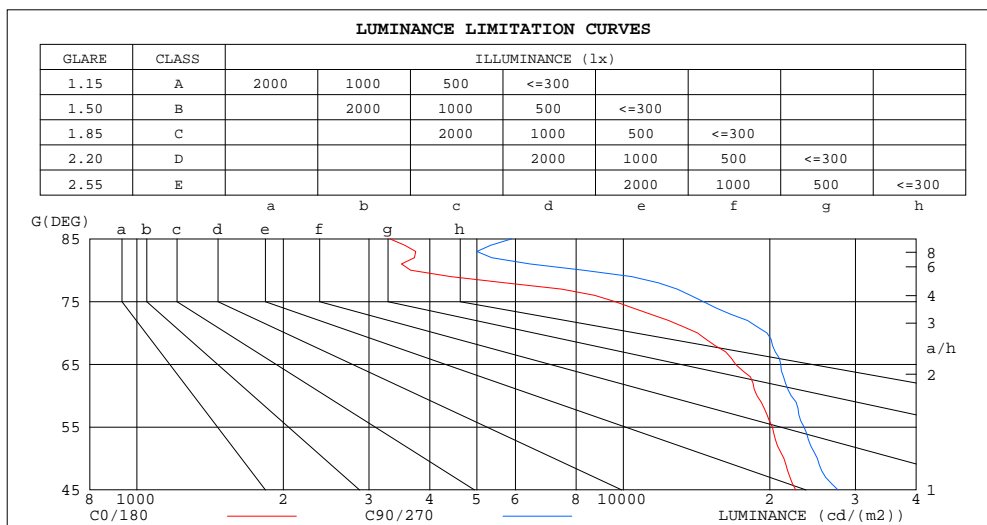
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:28DEG
 Operators:LXJ
 Test Date:2024-11-15

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:

TLO020-21 36V500mA CXM-14-30-90-36-UC40 24D 3000K CRI90 NA

LUMINANCE LIMITATION CURVES

NAME: TLO020-21	TYPE: 24D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3312	5896
80	3655	8269
75	9606	14596
70	14206	19732
65	17006	21067
60	18828	22132
55	20245	23519
50	21386	25047
45	22623	27636

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: LXJ
Test Date: 2024-11-15

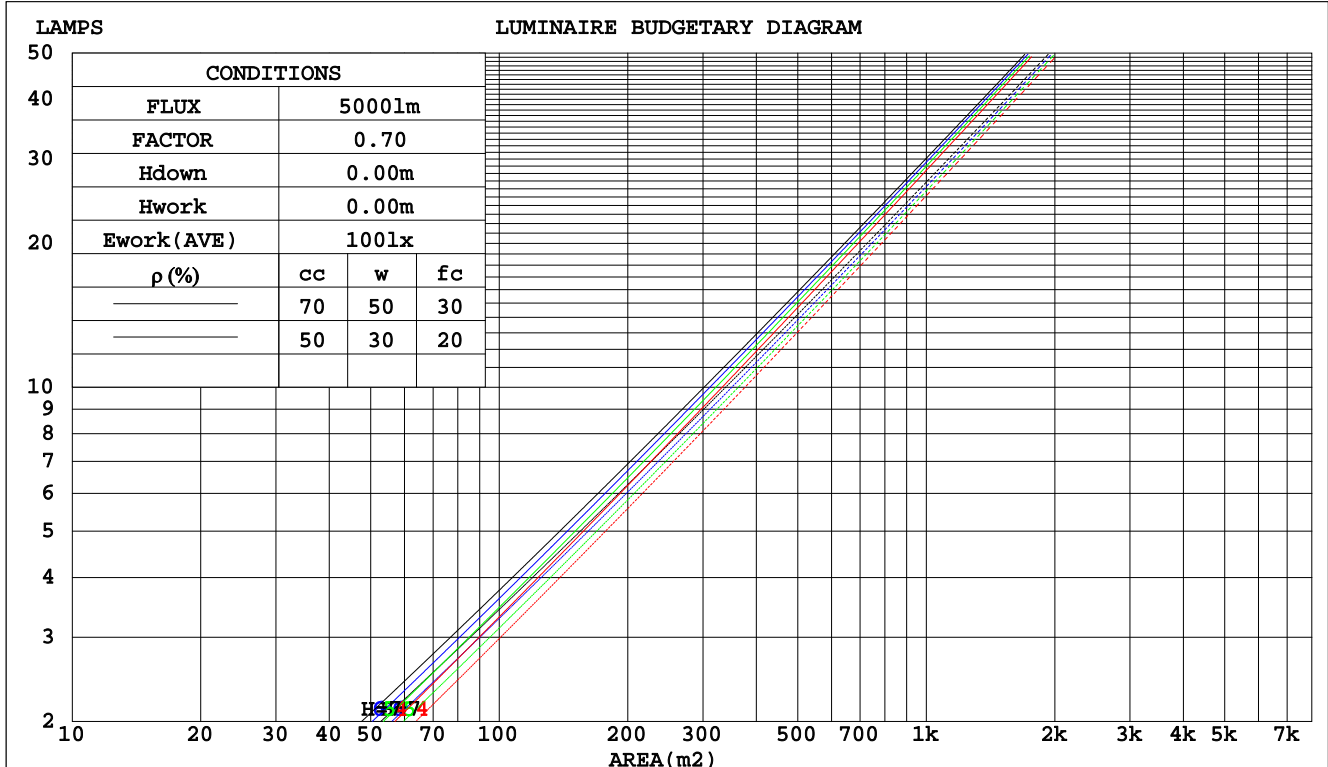
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO020-21 36V500mA CXM-14-30-90-36-UC40 24D 3000K CRI90 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO020-21	TYPE: 24D	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						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	.94	.90	.86	.93	.89	.86	.91	.87	.84	.89	.86	.83	.87	.84	.82	.81
5.0	.90	.85	.82	.89	.85	.81	.87	.83	.81	.85	.82	.80	.84	.81	.79	.77
6.0	.87	.82	.78	.86	.81	.78	.84	.80	.77	.83	.79	.77	.81	.78	.76	.75
7.0	.83	.78	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.79	.76	.73	.72
8.0	.80	.75	.72	.80	.75	.72	.78	.74	.72	.77	.74	.71	.76	.73	.71	.70
9.0	.77	.73	.70	.77	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.68	.67
10.0	.75	.70	.67	.74	.70	.67	.74	.70	.67	.73	.69	.67	.72	.69	.66	.65



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: LXJ
Test Date: 2024-11-15

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:

TLO020-21 36V500mA CXM-14-30-90-36-UC40 24D 3000K CRI90 NA

WEC AND CCEC

NAME: TLO020-21	TYPE: 24D	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	.091	.029	.152	.087	.028	.138	.079	.025	.125	.072	.023	.114	.066	.021		
2.0	.149	.082	.025	.143	.079	.024	.131	.073	.023	.120	.067	.021	.110	.062	.020		
3.0	.139	.074	.022	.133	.071	.022	.124	.067	.020	.114	.063	.019	.106	.059	.018		
4.0	.130	.067	.020	.125	.066	.019	.117	.062	.018	.109	.058	.018	.101	.055	.017		
5.0	.122	.062	.018	.118	.061	.018	.110	.058	.017	.104	.055	.016	.097	.052	.016		
6.0	.115	.058	.016	.111	.056	.016	.105	.054	.016	.099	.051	.015	.093	.049	.015		
7.0	.109	.054	.015	.106	.053	.015	.100	.051	.015	.094	.048	.014	.089	.046	.014		
8.0	.103	.050	.014	.100	.049	.014	.095	.048	.014	.091	.046	.013	.086	.044	.013		
9.0	.098	.048	.013	.096	.047	.013	.091	.045	.013	.087	.044	.012	.083	.042	.012		
10.0	.094	.045	.012	.092	.044	.012	.087	.043	.012	.084	.041	.012	.080	.040	.012		

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	.126	.101	.082	.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	.026	.014	.011	.009	
7.0	.120	.088	.065	.104	.076	.056	.072	.053	.040	.042	.031	.024	.013	.010	.008	
8.0	.114	.081	.058	.098	.070	.051	.068	.049	.036	.039	.029	.021	.013	.010	.007	
9.0	.108	.075	.053	.093	.065	.046	.065	.046	.033	.038	.027	.020	.012	.009	.007	
10.0	.103	.071	.049	.089	.061	.043	.062	.043	.030	.036	.026	.018	.012	.008	.006	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: LXJ
Test Date: 2024-11-15

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:

TLO020-21 36V500mA CXM-14-30-90-36-UC40 24D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO020-21					TYPE: 24D			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		13.9	14.6	14.1	14.8	15.0	14.8	15.6	15.1	15.8	15.9
3H		15.0	15.7	15.3	15.9	16.1	16.1	16.8	16.4	17.0	17.3
4H		15.2	15.9	15.5	16.1	16.4	16.5	17.1	16.8	17.4	17.6
6H		15.2	15.8	15.5	16.1	16.4	16.6	17.2	16.9	17.5	17.8
8H		15.2	15.8	15.5	16.1	16.4	16.6	17.2	16.9	17.5	17.8
12H		15.1	15.7	15.5	16.0	16.4	16.5	17.1	16.9	17.4	17.7
4H	2H	14.5	15.1	14.8	15.4	15.6	15.2	15.9	15.5	16.1	16.4
	3H	15.7	16.2	16.0	16.5	16.9	16.6	17.2	17.0	17.5	17.8
	4H	15.9	16.5	16.3	16.8	17.2	17.0	17.6	17.4	17.9	18.3
	6H	16.0	16.4	16.4	16.8	17.2	17.2	17.7	17.6	18.0	18.4
	8H	15.9	16.4	16.4	16.8	17.2	17.2	17.6	17.6	18.0	18.4
8H	12H	15.9	16.3	16.3	16.7	17.1	17.1	17.5	17.6	18.0	18.4
	4H	16.0	16.4	16.4	16.8	17.2	17.0	17.5	17.5	17.9	18.3
	6H	16.0	16.4	16.5	16.8	17.3	17.2	17.6	17.7	18.0	18.5
	8H	16.0	16.3	16.5	16.8	17.3	17.2	17.5	17.7	18.0	18.4
	12H	16.0	16.2	16.5	16.7	17.2	17.2	17.4	17.7	17.9	18.4
12H	4H	16.0	16.4	16.4	16.8	17.2	17.0	17.4	17.4	17.8	18.2
	6H	16.0	16.3	16.5	16.8	17.2	17.1	17.5	17.6	17.9	18.4
	8H	16.0	16.2	16.5	16.7	17.2	17.1	17.4	17.6	17.9	18.4
Variations with the observer position at spacings:											
S = 1.0H		+ 0.3 / - 0.4				+ 0.4 / - 0.4					
1.5H		+ 0.1 / - 0.3				+ 0.6 / - 0.4					
2.0H		+ 0.4 / - 0.5				+ 0.5 / - 0.6					

CIE Pub.117, 1830 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.1$)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: LXJ
Test Date: 2024-11-15

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:

TLO020-21 36V500mA CXM-14-30-90-36-UC40 24D 3000K CRI90 NA

UTILIZATION FACTORS TABLE

NAME: TLO020-21	TYPE: 24D	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) x RCR = 5									
k = 0.60	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	86	83	91	86	82	78
1.00	97	92	88	96	91	87	94	91	87	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	96	103	98	95	100	97	94	89
2.00	107	103	99	105	101	98	102	99	97	91
2.50	109	105	102	107	103	101	104	101	98	92
3.00	111	107	104	109	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				SHRNOM = 1.25		

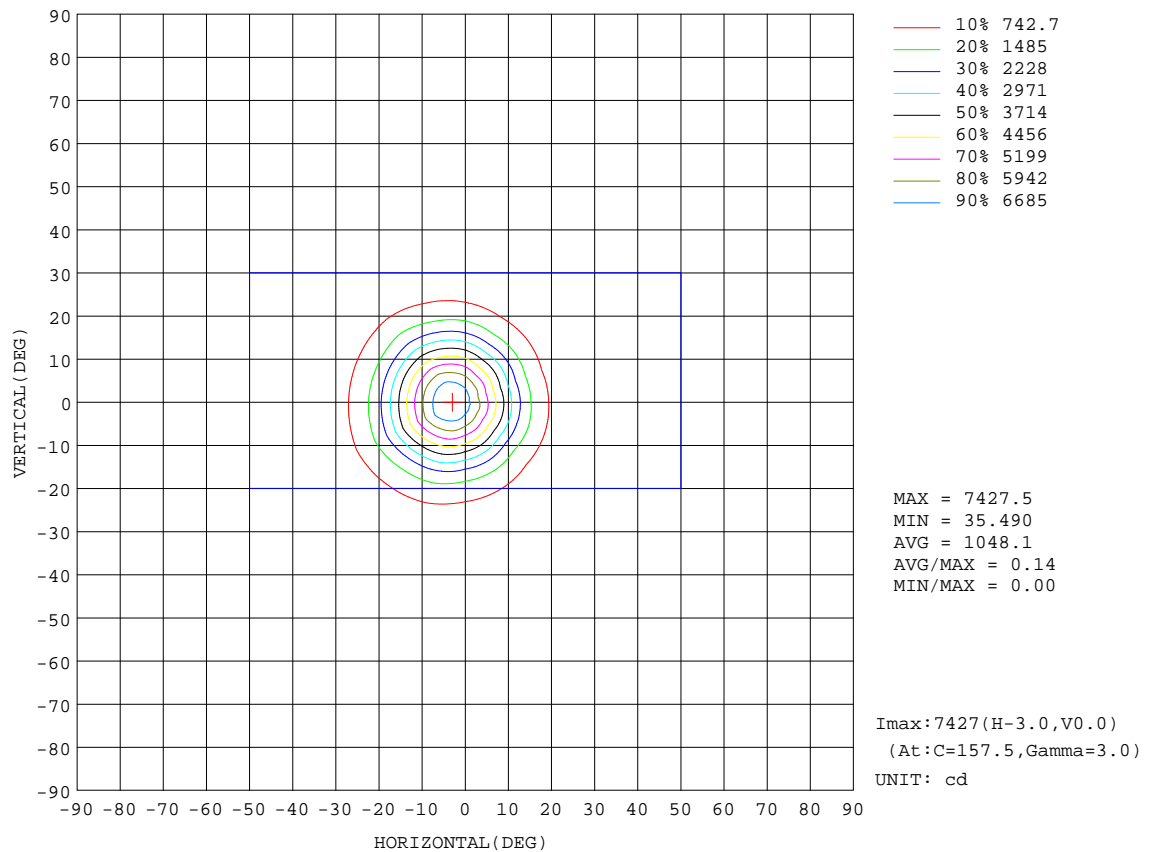
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 Humidity: 65.0%
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 Remarks:

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ISOCANDELA DIAGRAM

NAME: TLO020-21	TYPE: 24D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:



C Range: 0 - 360DEG
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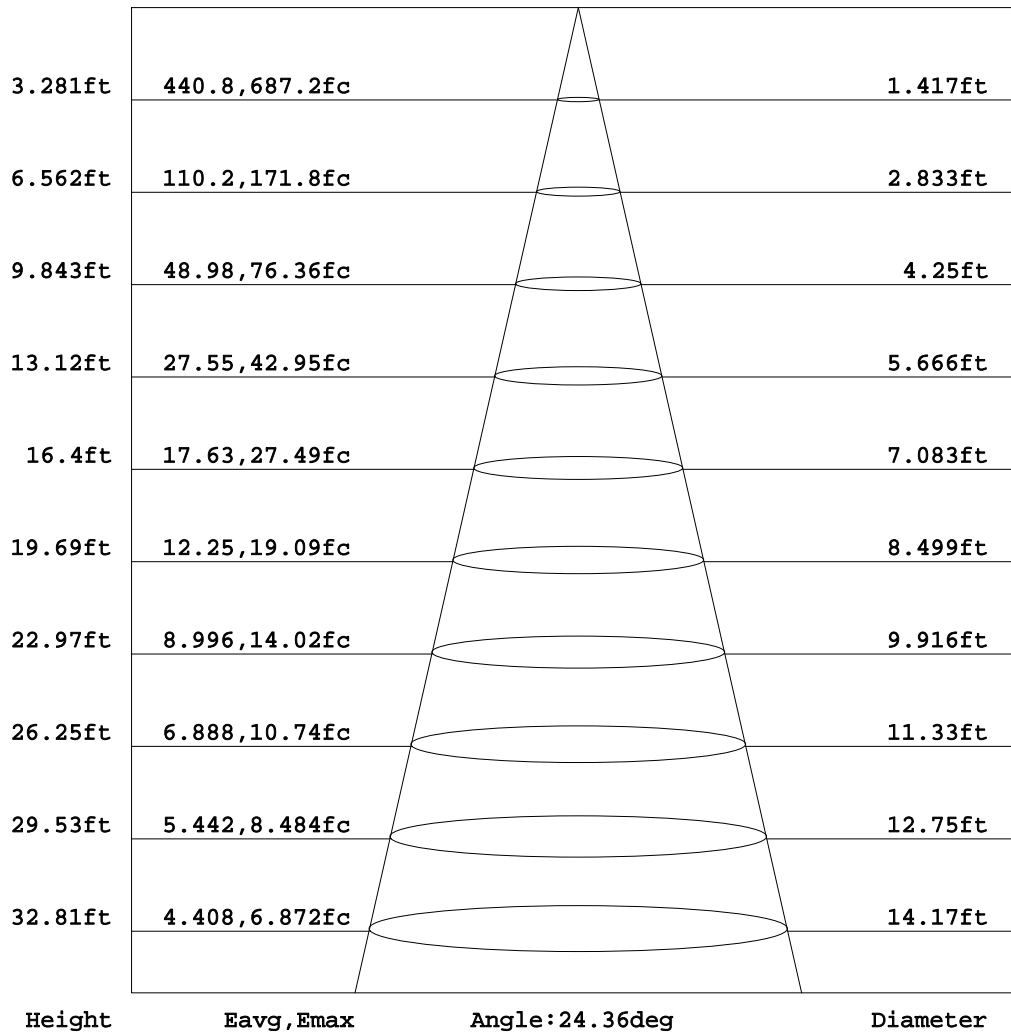
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Humidity: 65.0%
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Remarks:

TLO020-21 36V500mA CXM-14-30-90-36-UC40 24D 3000K CRI90 NA

AAI Figure

NAME: TLO020-21	TYPE: 24D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:

Flux out: 794.5 lm



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

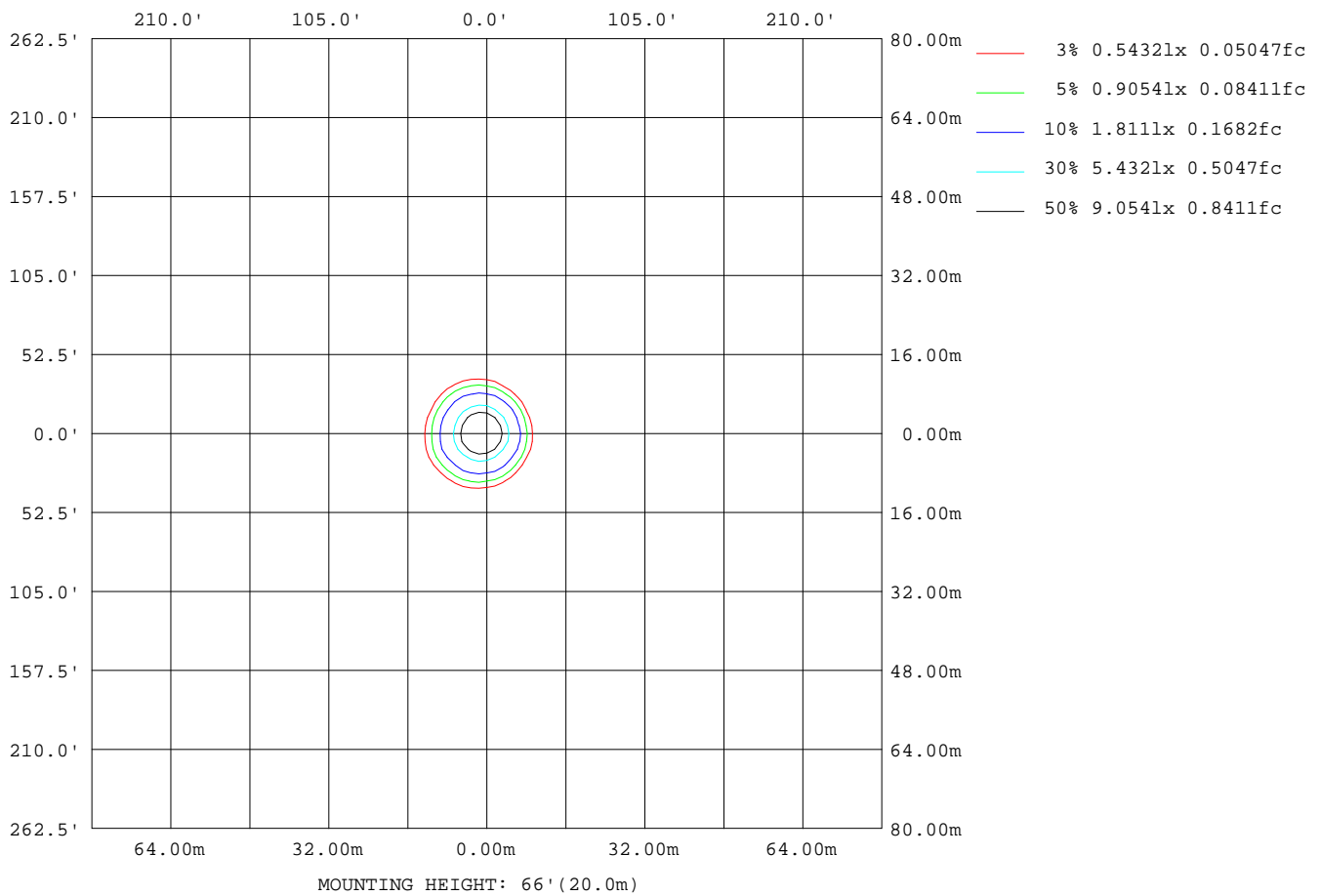
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ISOLUX DIAGRAM

NAME: TLO020-21	TYPE: 24D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	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:

TLO020-21 36V500mA CXM-14-30-90-36-UC40 24D 3000K CRI90 NA

LED Avg.L Report

NAME: TLO020-21	TYPE:24D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:64	Shielding Angle:

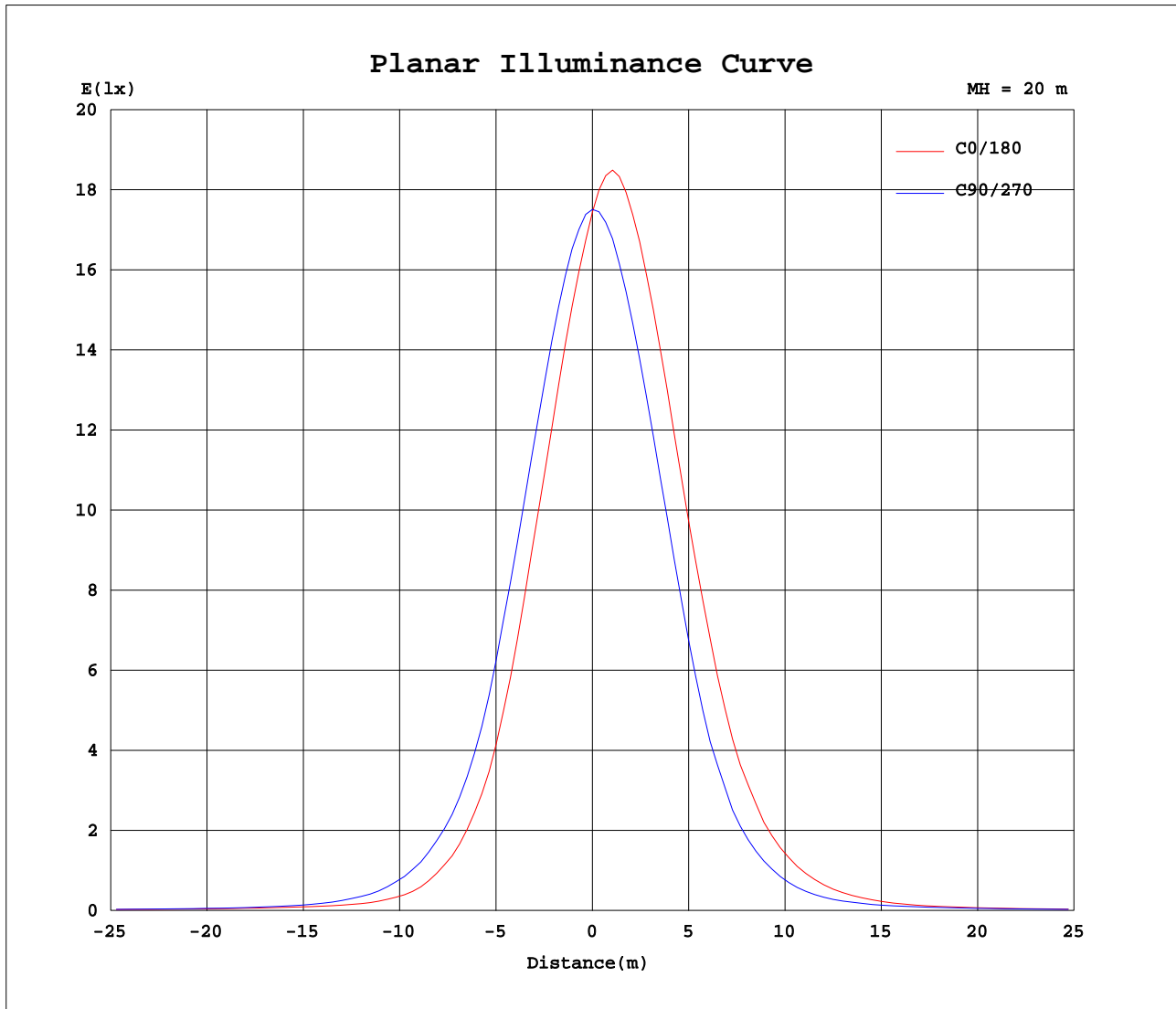
AvgL	cd/m2
L_0~180(65)av	21725
L_0~180(75)av	16849
L_0~180(85)av	6148
L_90~270(65)av	20936
L_90~270(75)av	14408
L_90~270(85)av	5108
L_45(65)av	21367
L_45(75)av	15355
L_45(85)av	5234

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:LXJ
Test Date:2024-11-15

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:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: LXJ
Test Date: 2024-11-15

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:

TLO020-21 36V500mA CXM-14-30-90-36-UC40 24D 3000K CRI90 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO020-21	TYPE: 24D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:

Table--1

UNIT: cd

C(°) γ (°)	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	6992	6992	6992	6992	6992	6992	6992	6992	6992	6992	6992	6992	6992	6992	6992	6992			
5	5322	5381	5479	5771	6091	6568	6901	7337	7274	7192	7029	6600	6243	5827	5558	5318			
10	3281	3355	3450	3886	4279	4931	5394	5973	5884	5790	5595	5018	4521	3950	3595	3274			
15	1546	1653	1704	2067	2384	3010	3421	3997	3888	3792	3640	3091	2600	2060	1782	1535			
20	660	708	759	966	1155	1506	1754	2161	2069	1967	1892	1496	1209	925	782	641			
25	260	284	321	432	552	738	865	1063	1005	938	902	696	555	393	313	259			
30	123	131	148	198	253	345	415	505	478	438	415	327	245	177	148	129			
35	81.8	78.8	89.4	109	135	172	204	241	232	205	196	164	130	102	90.0	84.4			
40	63.1	60.9	66.1	74.4	85.7	99.2	112	132	122	108	109	98.0	85.6	75.0	67.8	63.9			
45	51.5	49.9	52.8	56.2	62.6	70.1	74.6	81.9	80.8	74.5	75.4	69.9	65.0	59.1	54.1	51.8			
50	44.2	43.0	44.2	46.2	51.6	55.3	56.7	60.5	60.9	58.3	58.6	55.0	53.0	49.6	45.5	43.9			
55	37.4	36.7	37.5	39.4	43.2	46.8	47.3	50.2	50.9	49.6	48.4	45.5	44.5	41.7	38.8	37.3			
60	30.3	30.3	31.1	32.9	35.5	38.3	39.8	42.7	43.2	42.5	40.9	37.8	36.7	33.7	32.2	30.6			
65	23.1	23.4	24.2	26.4	28.5	31.0	32.8	35.6	35.8	35.3	33.8	29.7	28.3	26.6	25.1	23.4			
70	15.6	16.0	16.4	19.0	21.6	24.1	26.1	28.8	29.1	28.5	26.9	21.0	19.7	19.0	17.0	15.7			
75	8.00	8.23	8.44	10.2	12.1	14.4	16.8	20.2	20.0	19.3	16.8	13.1	11.8	10.2	9.04	8.01			
80	2.04	2.19	2.22	3.11	4.60	7.42	8.68	10.6	10.3	9.71	7.59	4.01	3.60	3.12	2.53	1.95			
85	0.93	1.06	1.16	1.46	1.65	1.79	2.00	2.93	2.51	2.63	1.65	1.36	1.21	1.07	1.04	0.80			
90	0.62	0.67	0.66	0.65	0.69	0.73	0.94	1.27	1.14	0.92	0.62	0.46	0.51	0.52	0.55	0.56			
95	0.72	0.73	0.71	0.70	0.66	0.65	0.60	0.61	0.53	0.50	0.54	0.55	0.61	0.62	0.66	0.68			
100	0.84	0.84	0.82	0.81	0.76	0.74	0.70	0.71	0.64	0.60	0.64	0.66	0.72	0.74	0.78	0.80			
105	1.00	0.99	0.96	0.94	0.88	0.85	0.80	0.80	0.74	0.71	0.75	0.76	0.84	0.87	0.92	0.96			
110	1.27	1.24	1.20	1.13	1.04	0.99	0.94	0.93	0.85	0.82	0.86	0.90	0.99	1.06	1.14	1.22			
115	1.80	1.74	1.69	1.51	1.36	1.21	1.12	1.08	0.99	0.97	1.03	1.12	1.26	1.42	1.56	1.73			
120	2.86	2.77	2.66	2.28	2.01	1.68	1.51	1.40	1.25	1.27	1.37	1.56	1.81	2.15	2.39	2.72			
125	4.86	4.70	4.52	3.83	3.32	2.70	2.38	2.10	1.89	1.95	2.10	2.48	2.93	3.56	4.03	4.58			
130	8.11	7.89	7.62	6.58	5.74	4.72	4.12	3.64	3.28	3.40	3.65	4.28	5.03	6.12	6.83	7.72			
135	12.5	12.2	11.9	10.6	9.45	8.03	7.16	6.41	5.86	6.04	6.42	7.35	8.41	9.88	10.9	12.1			
140	17.3	17.0	16.6	15.3	14.1	12.5	11.4	10.5	9.71	9.93	10.4	11.6	12.9	14.6	15.7	16.9			
145	21.6	21.3	21.0	19.8	18.7	17.3	16.2	15.3	14.5	14.7	15.2	16.4	17.7	19.3	20.2	21.4			
150	24.5	24.2	24.1	23.3	22.6	21.5	20.6	20.0	19.2	19.3	19.8	20.9	21.9	23.1	23.6	24.5			
155	25.5	25.3	25.4	25.2	25.1	24.5	23.9	23.6	22.9	23.0	23.4	24.1	24.7	25.3	25.3	25.6			
160	24.4	24.3	24.9	25.3	25.7	25.7	25.5	25.5	25.1	25.0	25.3	25.5	25.7	25.5	24.9	24.7			
165	21.8	21.6	22.6	23.7	24.5	25.1	25.2	25.6	25.3	25.1	25.2	25.0	24.6	23.7	22.5	22.1			
170	18.7	18.6	19.2	20.4	21.6	22.5	23.0	23.8	23.5	23.4	23.1	22.6	21.9	20.6	19.5	19.1			
175	16.7	16.8	17.5	18.0	18.7	19.7	20.5	21.0	20.5	20.7	20.7	19.8	19.1	18.7	17.9	17.4			
180	17.9	17.9	18.5	18.1	18.3	18.3	18.5	18.4	17.9	17.9	18.5	18.1	18.3	18.4	18.5	18.4			

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