

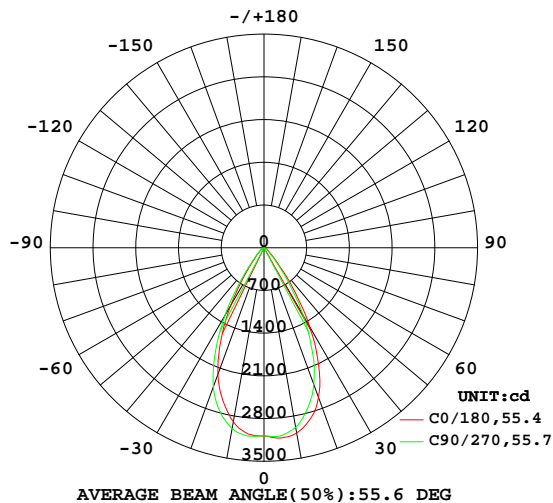
TLO030-21 36V700mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

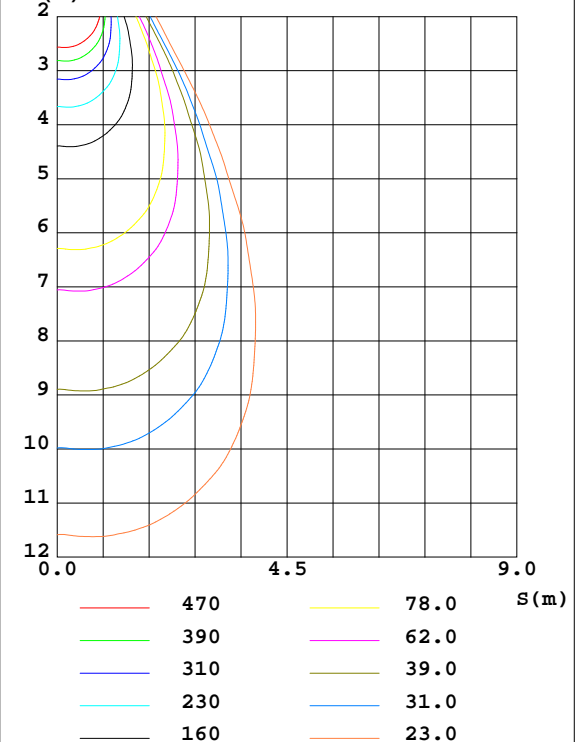
NAME: TLO030-21	TYPE: 56D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 101.78 lm/W			
MODEL		Imax(cd)	3131	S/MH(C0/180)	0.80
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	0.84
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2713.8	η UP,DN(C0-180)	1.2,50.0
NOMINAL FLUX(lm)	2713.76	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,47.7
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	97.6	CIBSE SHR MAX	0.85

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:

TLO030-21 36V700mA CXM-14-30-90-36-UC40 56D 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	3081	3034	2988	2936	2898	2954	3009	3064	0- 10	292.3	292.3	10.8,10.8
20	2612	2512	2388	2286	2209	2320	2429	2529	10- 20	768.2	1061	39.1,39.1
30	1502	1395	1286	1172	1092	1191	1275	1375	20- 30	853.2	1914	70.5,70.5
40	428.2	383.1	342.1	303.1	267.6	296.3	318.8	362.3	30- 40	457.5	2371	87.4,87.4
50	129.9	119.3	106.8	97.77	91.27	101.1	108.3	117.1	40- 50	147.8	2519	92.8,92.8
60	62.71	59.61	54.93	51.89	51.04	54.35	56.51	59.21	50- 60	68.86	2588	95.4,95.4
70	31.85	29.59	27.91	26.23	24.67	26.49	27.60	29.52	60- 70	40.98	2629	96.9,96.9
80	9.194	7.724	6.992	6.238	5.213	6.231	7.008	7.992	70- 80	17.93	2647	97.5,97.5
90	1.048	0.8340	0.8166	0.8200	0.7390	0.6981	0.6830	0.6756	80- 90	3.009	2650	97.6,97.6
100	1.112	1.155	1.198	1.245	1.212	1.123	1.067	1.013	90-100	0.9926	2651	97.7,97.7
110	2.204	2.360	2.498	2.671	2.663	2.431	2.262	2.081	100-110	1.735	2652	97.7,97.7
120	5.241	5.629	5.965	6.364	6.390	5.903	5.523	5.115	110-120	3.826	2656	97.9,97.9
130	10.68	11.27	11.85	12.43	12.55	11.79	11.17	10.53	120-130	7.555	2664	98.2,98.2
140	17.68	18.42	19.07	19.82	19.99	19.05	18.29	17.51	130-140	11.59	2675	98.6,98.6
150	24.53	25.12	25.79	26.38	26.42	25.64	24.99	24.19	140-150	13.85	2689	99.1,99.1
160	28.98	29.48	30.02	30.12	29.91	29.58	29.45	28.58	150-160	12.75	2702	99.6,99.6
170	31.80	31.69	31.83	32.08	32.37	31.93	31.65	31.32	160-170	8.668	2711	99.9,99.9
180	34.14	34.22	33.67	34.15	34.15	34.22	33.66	34.15	170-180	3.118	2714	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

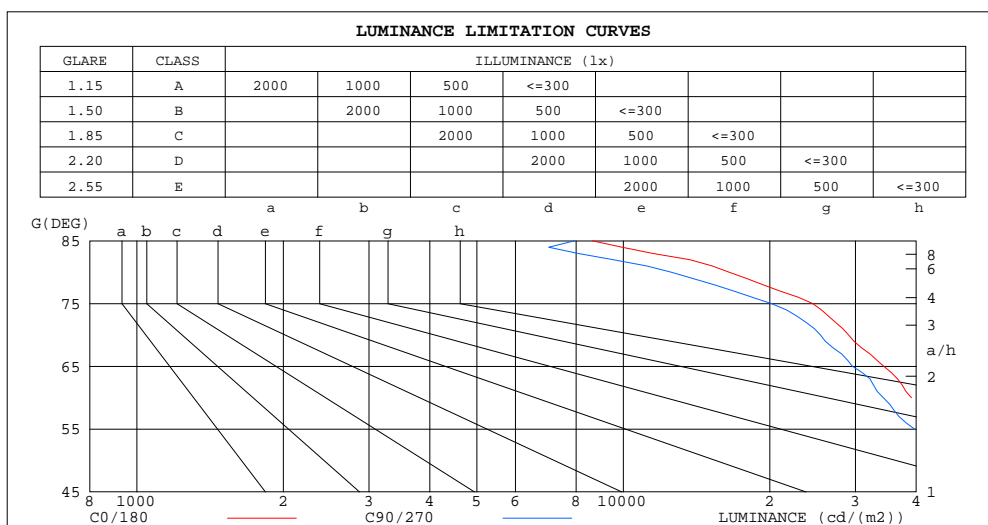
C Range: 0 - 360DEG
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 Test Speed: HIGH
 Temperature:28DEG
 Operators:LXJ
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:

TLO030-21 36V700mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

LUMINANCE LIMITATION CURVES

NAME: TLO030-21	TYPE:56D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:64	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	8640	7933
80	16507	12544
75	24502	20155
70	29037	25422
65	34316	29568
60	39103	34225
55	46436	39673
50	62987	51766
45	96668	78523

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

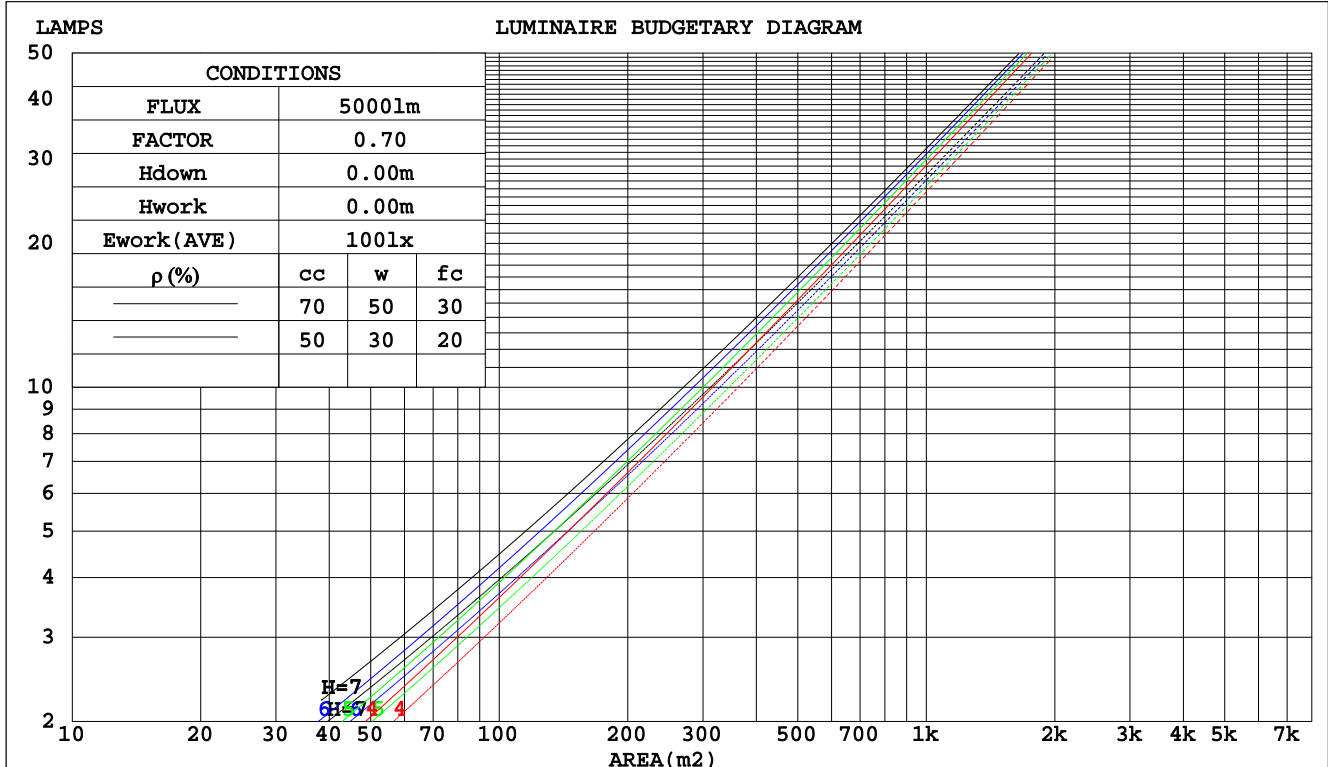
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Humidity:65.0%
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Remarks:

TLO030-21 36V700mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO030-21	TYPE:56D	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	1.10	1.07	1.05	1.07	1.05	1.03	1.03	1.01	.99	.99	.97	.96	.95	.94	.93	.91
2.0	1.02	.98	.94	.00	.96	.93	.96	.93	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.95	.89	.85	.93	.88	.85	.90	.86	.83	.87	.84	.81	.85	.82	.80	.78
4.0	.88	.83	.78	.87	.82	.78	.84	.80	.76	.82	.78	.75	.80	.77	.74	.73
5.0	.83	.77	.72	.81	.76	.72	.79	.75	.71	.77	.73	.70	.76	.72	.69	.68
6.0	.77	.71	.67	.77	.71	.67	.75	.70	.66	.73	.69	.65	.72	.68	.65	.63
7.0	.73	.67	.63	.72	.66	.62	.71	.65	.62	.69	.65	.61	.68	.64	.61	.59
8.0	.69	.63	.59	.68	.62	.58	.67	.62	.58	.66	.61	.58	.64	.60	.57	.56
9.0	.65	.59	.55	.64	.59	.55	.63	.58	.55	.62	.58	.54	.61	.57	.54	.53
10.0	.61	.56	.52	.61	.55	.52	.60	.55	.51	.59	.54	.51	.58	.54	.51	.50



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:

TLO030-21 36V700mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

WEC AND CCEC

NAME: TLO030-21	TYPE:56D	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	.186	.106	.034	.179	.102	.032	.165	.095	.030	.152	.088	.028	.140	.081	.026		
2.0	.178	.097	.030	.171	.094	.029	.160	.089	.028	.149	.083	.026	.138	.078	.025		
3.0	.169	.090	.027	.163	.087	.026	.153	.083	.025	.143	.079	.024	.134	.074	.023		
4.0	.160	.083	.024	.155	.081	.024	.146	.077	.023	.138	.074	.022	.130	.071	.022		
5.0	.152	.077	.022	.147	.076	.022	.140	.073	.021	.132	.070	.021	.125	.067	.020		
6.0	.144	.072	.021	.140	.071	.020	.133	.068	.020	.127	.066	.019	.121	.064	.019		
7.0	.137	.068	.019	.134	.067	.019	.128	.065	.019	.122	.062	.018	.116	.060	.018		
8.0	.131	.064	.018	.128	.063	.018	.122	.061	.017	.117	.059	.017	.112	.058	.017		
9.0	.125	.061	.017	.122	.060	.017	.117	.058	.016	.113	.056	.016	.108	.055	.016		
10.0	.120	.057	.016	.117	.057	.016	.113	.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	.208	.208	.208	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.190	.175	.162	.162	.151	.140	.111	.104	.097	.064	.060	.056	.020	.019	.018	
2.0	.175	.151	.130	.150	.130	.112	.103	.090	.078	.059	.052	.046	.019	.017	.015	
3.0	.163	.132	.107	.140	.114	.093	.096	.079	.065	.056	.046	.038	.018	.015	.013	
4.0	.153	.117	.090	.132	.101	.078	.090	.071	.055	.052	.041	.033	.017	.013	.011	
5.0	.145	.106	.077	.124	.092	.067	.086	.064	.048	.050	.038	.028	.016	.012	.009	
6.0	.137	.097	.068	.118	.084	.059	.081	.059	.042	.047	.035	.025	.015	.011	.008	
7.0	.131	.089	.060	.112	.077	.052	.078	.054	.037	.045	.032	.022	.015	.010	.007	
8.0	.125	.083	.054	.108	.072	.047	.074	.051	.034	.043	.030	.020	.014	.010	.007	
9.0	.120	.078	.050	.103	.068	.043	.072	.048	.031	.042	.028	.018	.014	.009	.006	
10.0	.115	.074	.046	.099	.064	.040	.069	.045	.028	.040	.027	.017	.013	.009	.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:

TLO030-21 36V700mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO030-21					TYPE:56D			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		21.1	22.1	21.4	22.3	22.5	20.5	21.4	20.7	21.6	21.8
3H		21.3	22.1	21.5	22.4	22.6	20.6	21.5	20.9	21.7	22.0
4H		21.3	22.1	21.6	22.4	22.7	20.6	21.5	20.9	21.7	22.0
6H		21.3	22.1	21.6	22.3	22.6	20.6	21.4	20.9	21.7	22.0
8H		21.3	22.0	21.6	22.3	22.6	20.6	21.3	20.9	21.6	21.9
12H		21.2	21.9	21.6	22.2	22.6	20.5	21.2	20.9	21.6	21.9
4H 2H		21.0	21.8	21.3	22.1	22.4	20.4	21.2	20.7	21.5	21.8
3H		21.3	22.0	21.6	22.3	22.6	20.6	21.4	21.0	21.7	22.0
4H		21.4	22.0	21.7	22.3	22.7	20.7	21.4	21.1	21.7	22.1
6H		21.4	21.9	21.8	22.3	22.7	20.7	21.3	21.2	21.7	22.1
8H		21.4	21.9	21.8	22.3	22.7	20.7	21.2	21.1	21.6	22.1
12H		21.3	21.8	21.8	22.2	22.7	20.7	21.2	21.1	21.6	22.0
8H 4H		21.3	21.8	21.7	22.2	22.6	20.7	21.2	21.1	21.6	22.0
6H		21.3	21.8	21.8	22.2	22.7	20.7	21.2	21.2	21.6	22.1
8H		21.3	21.7	21.8	22.2	22.7	20.7	21.1	21.2	21.5	22.0
12H		21.3	21.6	21.8	22.1	22.6	20.7	21.0	21.2	21.5	22.0
12H 4H		21.2	21.7	21.7	22.1	22.6	20.6	21.1	21.1	21.5	22.0
6H		21.3	21.7	21.8	22.1	22.6	20.7	21.1	21.2	21.5	22.0
8H		21.3	21.6	21.8	22.1	22.6	20.7	21.0	21.2	21.5	22.0
Variations with the observer position at spacings:											
S = 1.0H		+ 2.4 / - 2.7					+ 1.8 / - 2.7				
1.5H		+ 4.0 / - 2.4					+ 3.4 / - 2.3				
2.0H		+ 2.6 / - 1.2					+ 2.2 / - 1.4				

CIE Pub.117, 2714 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 3.5$)

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:

TLO030-21 36V700mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

UTILIZATION FACTORS TABLE

NAME: TLO030-21	TYPE:56D	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	84	77	73	83	77	73	82	76	72	69
0.80	91	85	81	91	85	81	89	84	80	76
1.00	96	90	86	95	90	86	93	89	85	81
1.25	101	95	91	99	94	91	97	93	90	85
1.50	104	98	95	102	97	94	99	96	93	88
2.00	107	102	99	105	101	98	102	98	96	90
2.50	109	104	101	107	103	100	103	100	98	91
3.00	110	107	104	108	105	102	104	102	100	93
4.00	112	109	107	110	108	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNM = 1.25		

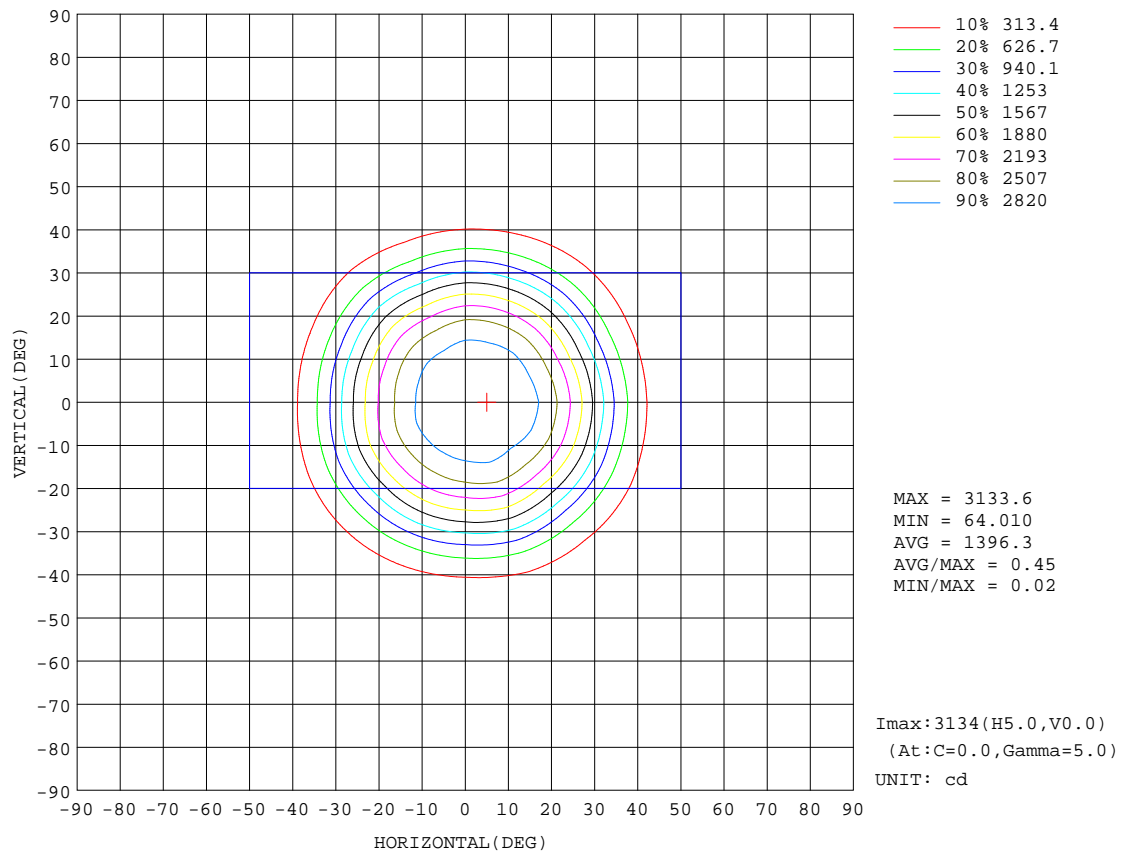
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ISOCANDELA DIAGRAM

NAME: TLO030-21	TYPE: 56D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:



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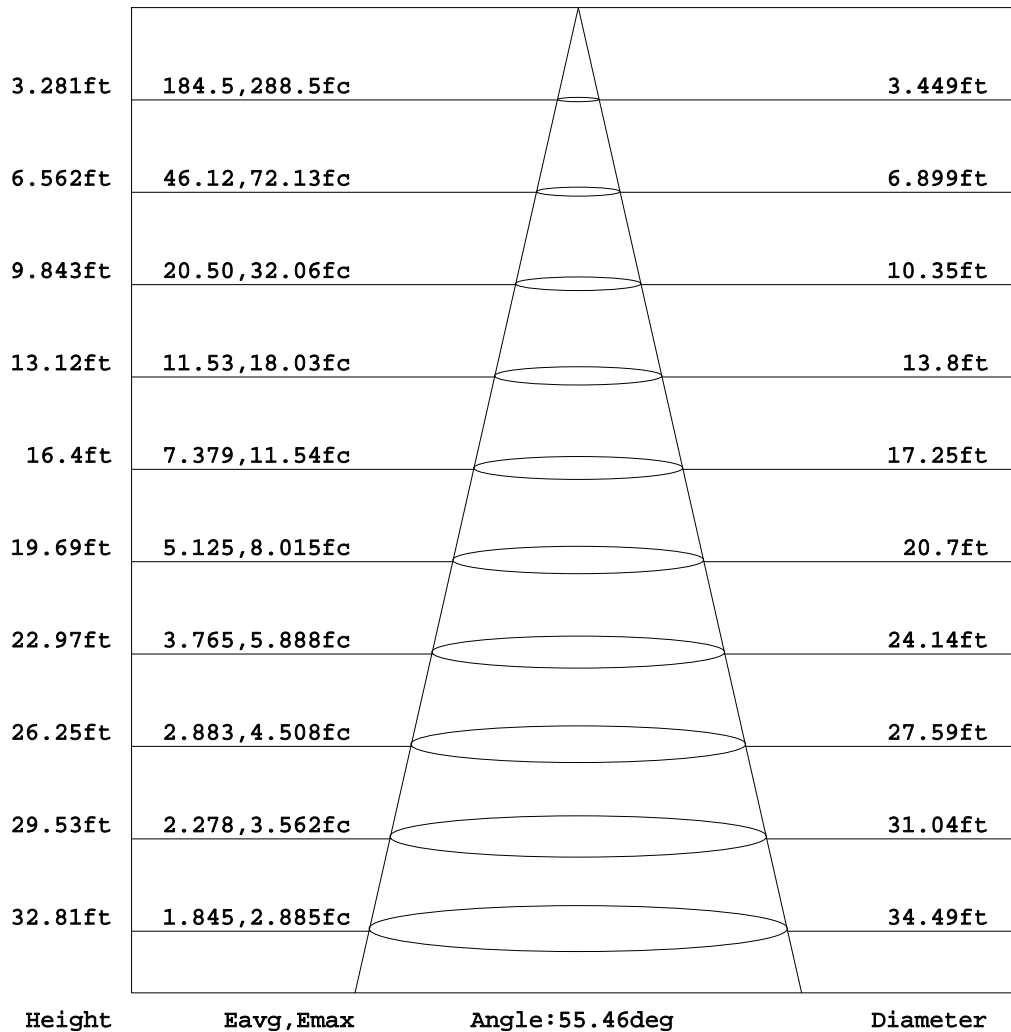
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TLO030-21 36V700mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

AAI Figure

NAME: TLO030-21	TYPE:56D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:64	Shielding Angle:

Flux out:1764 lm



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

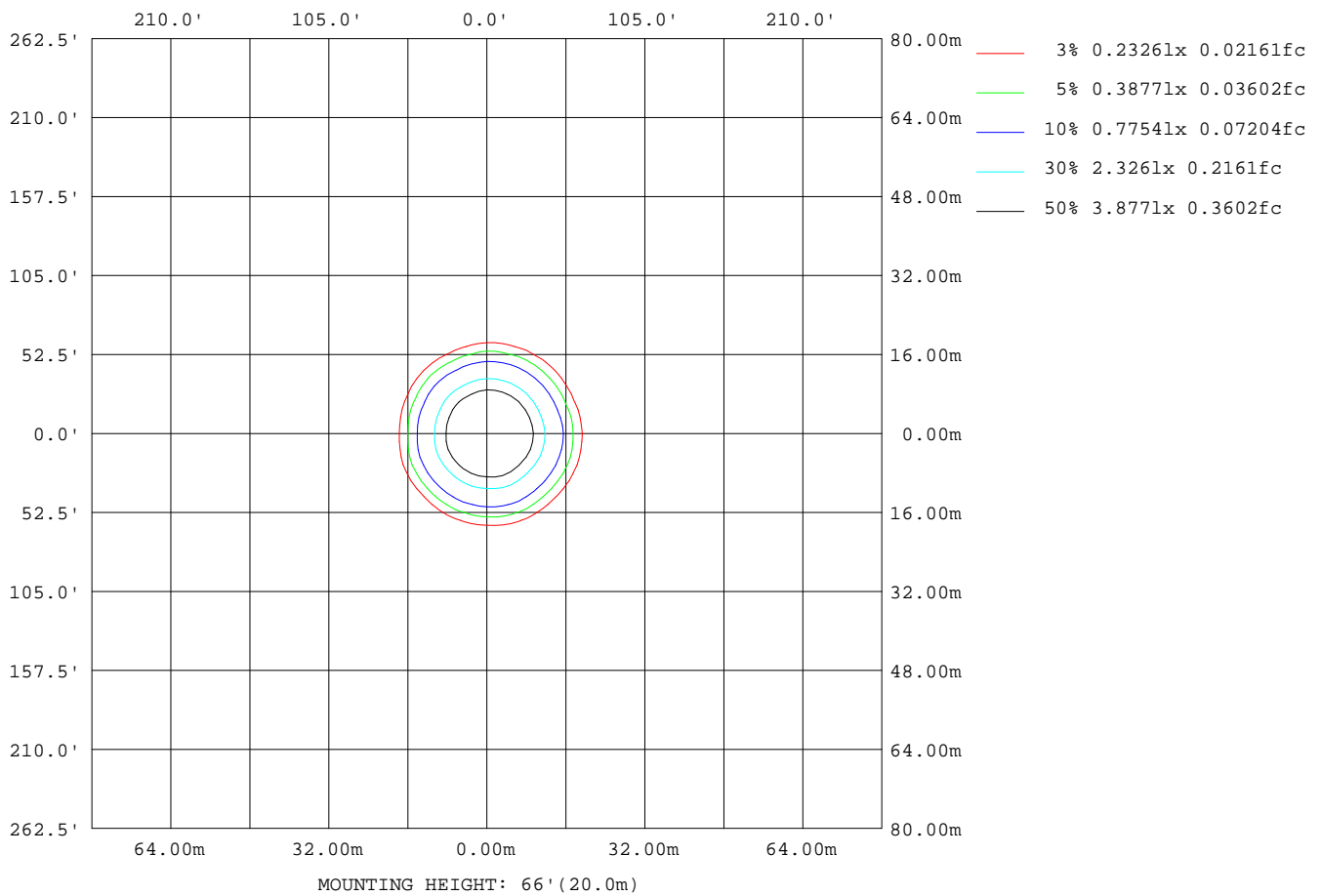
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ISOLUX DIAGRAM

NAME: TLO030-21	TYPE: 56D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:



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Remarks:

TLO030-21 36V700mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

LED Avg.L Report

NAME: TLO030-21	TYPE:56D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:64	Shielding Angle:

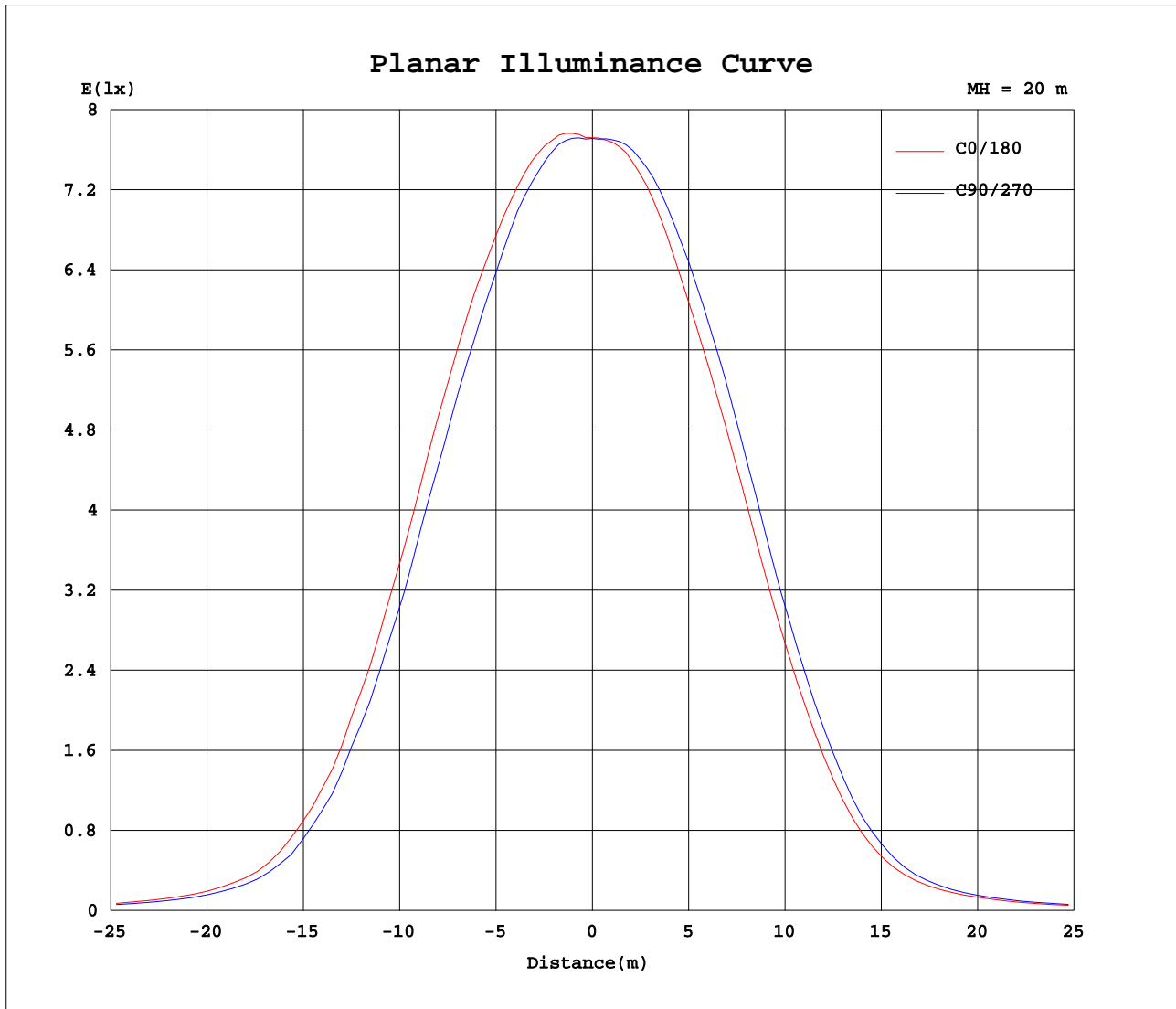
AvgL	cd/m2
L_0~180(65)av	30577
L_0~180(75)av	20441
L_0~180(85)av	7863
L_90~270(65)av	29680
L_90~270(75)av	19871
L_90~270(85)av	7783
L_45(65)av	30037
L_45(75)av	20008
L_45(85)av	7791

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:

TLO030-21 36V700mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO030-21	TYPE: 56D	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	3085	3085	3085	3085	3085	3085	3085	3085	3085	3085	3085	3085	3085	3085	3085	3085			
5	3131	3122	3119	3104	3096	3085	3075	3071	3061	3064	3083	3084	3095	3112	3120	3126			
10	3081	3065	3034	3031	2988	2960	2936	2934	2898	2911	2954	2961	3009	3035	3064	3066			
15	2911	2891	2823	2824	2741	2692	2664	2647	2600	2629	2693	2707	2784	2811	2866	2868			
20	2612	2595	2512	2500	2388	2338	2286	2284	2209	2232	2320	2322	2429	2469	2529	2543			
25	2116	2106	2006	2014	1877	1834	1762	1769	1673	1686	1781	1772	1888	1935	2000	2020			
30	1502	1495	1395	1418	1286	1248	1172	1185	1092	1098	1191	1164	1275	1309	1375	1390			
35	893	875	805	821	733	683	640	628	563	578	626	609	682	709	758	772			
40	428	420	383	385	342	321	303	294	268	271	296	285	319	338	362	370			
45	219	217	198	198	178	170	160	159	151	154	162	157	172	182	192	196			
50	130	129	119	116	107	103	97.8	95.9	91.3	95.1	101	99.7	108	113	117	117			
55	85.4	84.5	80.4	78.3	73.0	70.6	68.2	69.1	67.0	68.3	71.5	71.5	75.8	77.4	79.2	79.9			
60	62.7	62.7	59.6	59.0	54.9	53.7	51.9	52.6	51.0	51.7	54.3	53.7	56.5	57.4	59.2	59.8			
65	46.5	46.7	43.0	43.3	40.1	39.5	38.1	38.3	36.4	37.0	38.9	38.2	40.4	41.2	42.9	43.3			
70	31.9	31.8	29.6	29.9	27.9	27.2	26.2	26.3	24.7	25.0	26.5	25.9	27.6	28.3	29.5	29.6			
75	20.3	20.2	18.0	18.8	16.7	16.2	15.3	15.5	13.6	13.9	15.2	14.6	16.3	17.0	18.0	18.2			
80	9.19	9.04	7.72	8.21	6.99	6.83	6.24	6.47	5.21	5.42	6.23	5.98	7.01	7.47	7.99	8.05			
85	2.42	2.38	2.26	2.28	2.22	2.22	2.18	2.23	1.98	1.98	2.11	2.02	2.14	2.14	2.17	2.16			
90	1.05	1.05	0.83	0.90	0.82	0.81	0.82	0.83	0.74	0.71	0.70	0.69	0.68	0.68	0.68	0.69			
95	0.89	0.92	0.92	0.93	0.94	0.98	0.97	1.00	0.92	0.89	0.87	0.85	0.83	0.79	0.80	0.78			
100	1.11	1.14	1.15	1.16	1.20	1.23	1.24	1.28	1.21	1.17	1.12	1.11	1.07	1.02	1.01	1.00			
105	1.49	1.51	1.57	1.56	1.66	1.70	1.75	1.78	1.73	1.68	1.58	1.59	1.49	1.43	1.39	1.37			
110	2.20	2.23	2.36	2.32	2.50	2.57	2.67	2.71	2.66	2.63	2.43	2.47	2.26	2.19	2.08	2.09			
115	3.42	3.48	3.68	3.64	3.89	4.05	4.18	4.28	4.21	4.12	3.86	3.88	3.59	3.45	3.30	3.30			
120	5.24	5.33	5.63	5.57	5.97	6.15	6.36	6.46	6.39	6.30	5.90	5.96	5.52	5.34	5.11	5.10			
125	7.70	7.79	8.21	8.13	8.66	8.89	9.16	9.29	9.23	9.08	8.60	8.64	8.08	7.84	7.55	7.54			
130	10.7	10.8	11.3	11.2	11.9	12.1	12.4	12.6	12.5	12.3	11.8	11.8	11.2	10.8	10.5	10.5			
135	14.1	14.2	14.8	14.7	15.4	15.7	16.1	16.2	16.2	15.9	15.4	15.3	14.6	14.2	13.9	13.8			
140	17.7	17.8	18.4	18.4	19.1	19.4	19.8	20.0	20.0	19.7	19.1	19.0	18.3	17.9	17.5	17.4			
145	21.3	21.4	22.0	21.9	22.6	23.0	23.3	23.6	23.5	23.1	22.6	22.5	21.8	21.4	21.0	20.9			
150	24.5	24.7	25.1	25.1	25.8	26.1	26.4	26.6	26.4	26.1	25.6	25.7	25.0	24.6	24.2	24.1			
155	27.2	27.2	27.7	27.7	28.3	28.5	28.6	28.7	28.6	28.3	28.0	28.1	27.6	27.2	26.8	26.6			
160	29.0	28.9	29.5	29.6	30.0	30.1	30.1	30.1	29.9	29.7	29.6	29.8	29.5	29.1	28.6	28.5			
165	30.5	30.4	30.6	30.9	31.2	31.1	31.1	31.1	31.2	30.9	30.7	30.9	30.7	30.4	29.9	30.0			
170	31.8	31.6	31.7	31.7	31.8	31.8	32.1	32.3	32.4	32.3	31.9	31.8	31.7	31.5	31.3	31.4			
175	33.0	32.9	33.2	32.8	32.7	33.0	33.5	33.4	33.6	33.7	33.5	33.0	32.8	33.1	33.0	32.9			
180	34.1	34.1	34.2	33.7	33.7	33.7	34.2	33.9	34.1	34.0	34.2	33.7	33.7	33.8	34.1	33.9			

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