

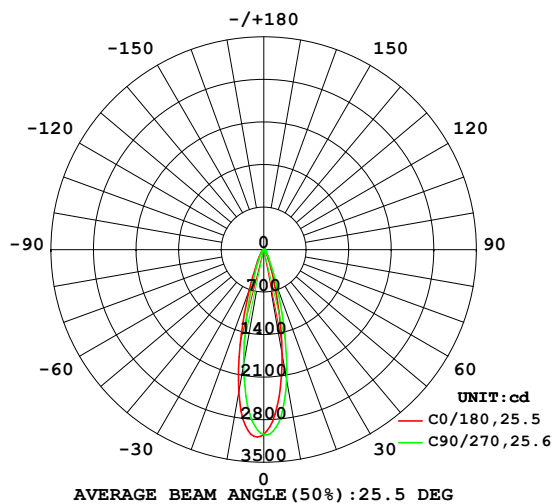
TLO010-21 36V250mA CXM-9-30-90-36-AA40 25.5D 3000K CRI90 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

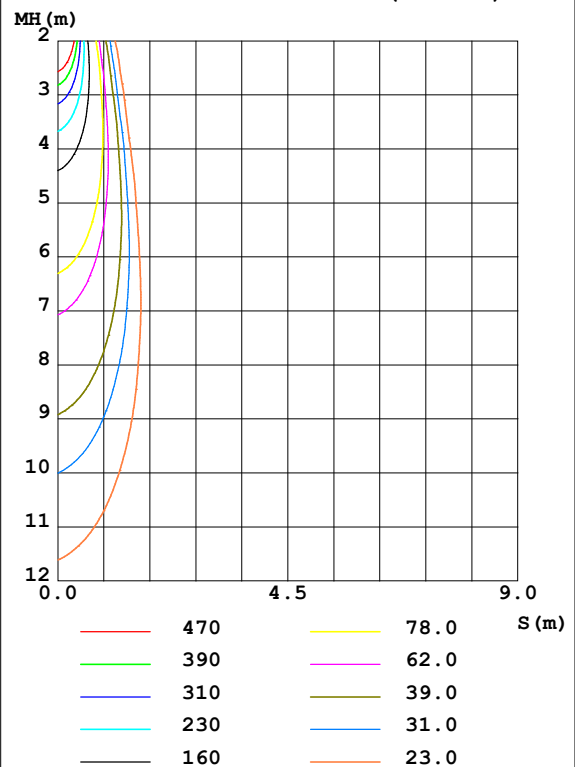
NAME: TLO010-21	TYPE: 25.5D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 87.32 lm/W			
MODEL		Imax(cd)	3121	S/MH(C0/180)	0.47
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.41
RATED VOLTAGE(V)	110	TOTAL FLUX(lm)	860.32	η UP,DN(C0-180)	1.2,50.7
NOMINAL FLUX(lm)	860.321	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,46.9
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	110	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: CJY
Test Date: 2024-01-25

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:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 25.5D 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	1740	1833	2180	2523	2375	2331	1922	1593	0- 10	242.3	242.3	28.2,28.2
20	403.2	447.4	608.8	786.7	678.4	669.0	474.8	363.3	10- 20	322.7	564.9	65.7,65.7
30	126.9	141.0	168.8	202.8	186.4	192.3	147.0	119.9	20- 30	135.2	700.2	81.4,81.4
40	54.88	59.76	70.03	80.27	74.43	75.83	60.08	52.58	30- 40	64.65	764.8	88.9,88.9
50	30.19	31.81	35.79	40.12	37.40	37.84	32.09	29.08	40- 50	36.64	801.5	93.2,93.2
60	15.57	16.78	19.40	22.07	20.54	20.44	17.00	14.87	50- 60	23.01	824.5	95.8,95.8
70	4.615	5.239	7.253	9.313	8.056	7.642	5.455	3.761	60- 70	12.06	836.5	97.2,97.2
80	0.2426	0.2473	0.2992	0.6352	0.2890	0.4589	0.1945	0.2578	70- 80	2.588	839.1	97.5,97.5
90	0.2554	0.2624	0.2559	0.2370	0.2058	0.2076	0.2371	0.2467	80- 90	0.2595	839.4	97.6,97.6
100	0.3895	0.3860	0.3575	0.3242	0.3227	0.3312	0.3713	0.3934	90-100	0.3178	839.7	97.6,97.6
110	0.6404	0.6352	0.5630	0.4997	0.5026	0.5255	0.5927	0.6381	100-110	0.4803	840.2	97.7,97.7
120	1.248	1.244	1.043	0.8769	0.8775	0.9364	1.096	1.248	110-120	0.7694	840.9	97.7,97.7
130	3.234	3.203	2.659	2.139	2.122	2.283	2.825	3.321	120-130	1.542	842.5	97.9,97.9
140	7.167	7.092	6.278	5.385	5.377	5.668	6.575	7.333	130-140	3.360	845.8	98.3,98.3
150	10.71	10.74	10.33	9.605	9.494	9.780	10.55	10.92	140-150	5.225	851.1	98.9,98.9
160	11.36	11.67	12.05	11.82	11.66	11.84	12.07	11.43	150-160	5.197	856.3	99.5,99.5
170	9.103	9.550	10.49	10.79	10.43	10.51	10.05	9.049	160-170	3.167	859.4	99.9,99.9
180	8.178	8.646	8.695	8.630	8.195	8.624	8.662	8.652	170-180	0.8839	860.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

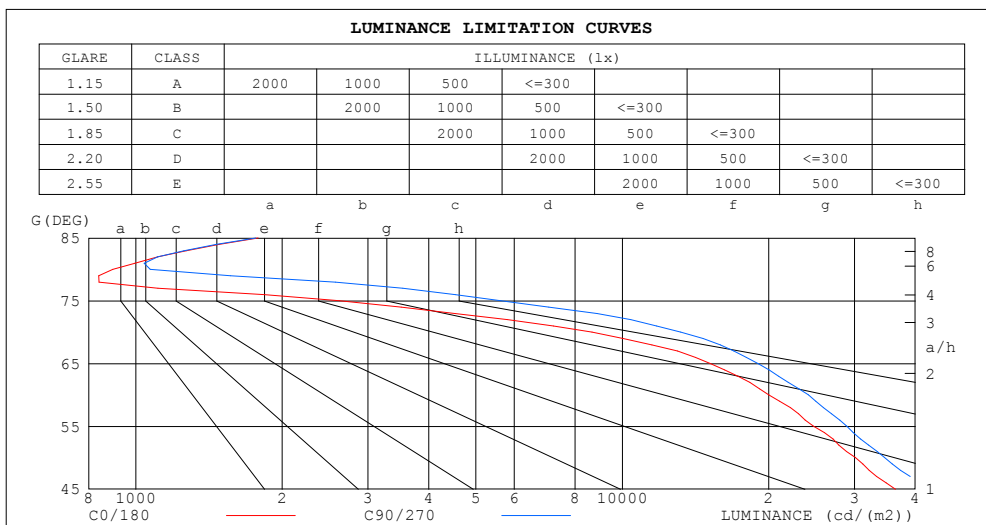
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:28DEG
 Operators:CJY
 Test Date:2024-01-25

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:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 25.5D 3000K CRI90 NA

LUMINANCE LIMITATION CURVES

NAME: TLO010-21	TYPE: 25.5D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1784	1766
80	897	1072
75	2624	5625
70	8665	13188
65	15154	19000
60	19999	24136
55	24727	28938
50	30155	34626
45	36425	42850

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
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Operators: CJY
Test Date: 2024-01-25

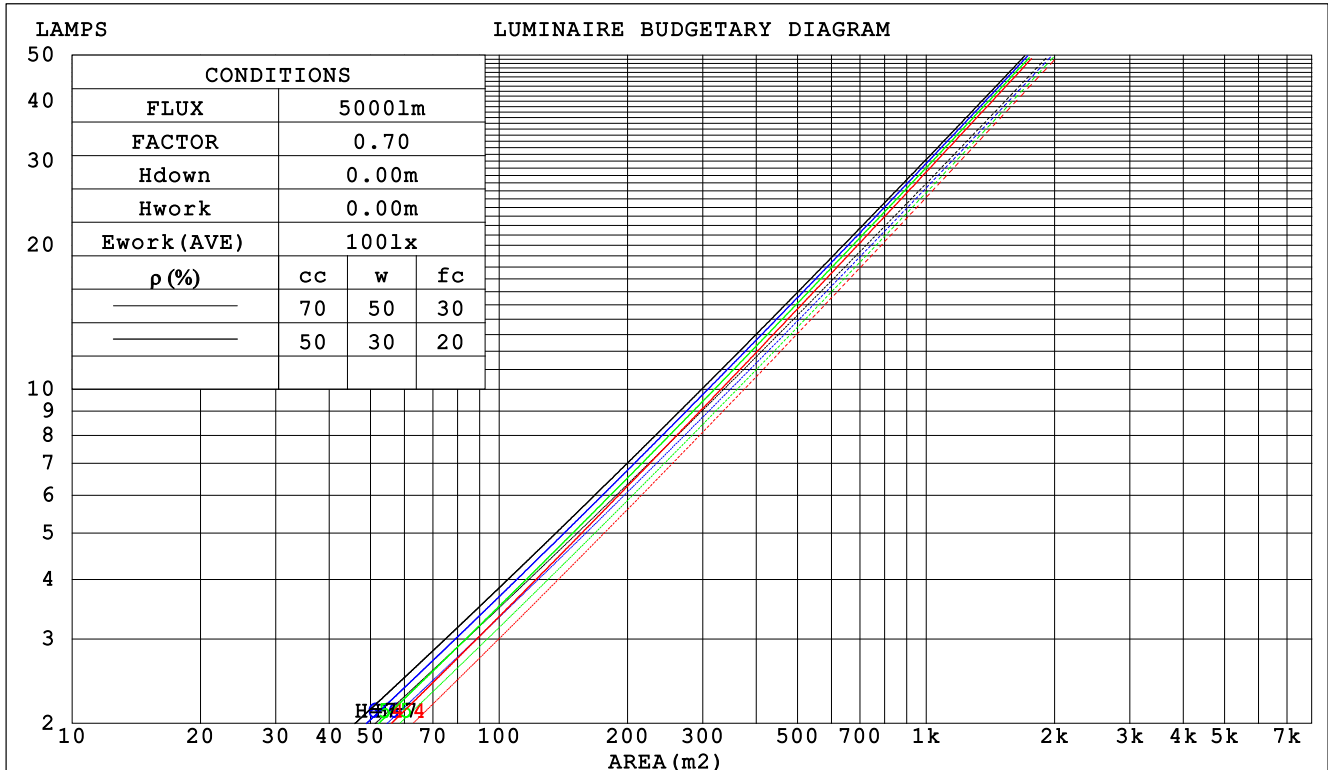
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Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 25.5D 3000K CRI90 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO010-21	TYPE: 25.5D	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	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.01	1.00	.99	.98	.96	.95	.95	.93
2.0	1.05	1.01	.98	1.03	.99	.97	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.99	.94	.91	.97	.93	.90	.94	.91	.88	.92	.89	.87	.89	.87	.85	.84
4.0	.94	.89	.85	.93	.88	.85	.90	.86	.84	.88	.85	.82	.86	.83	.81	.80
5.0	.89	.84	.81	.88	.84	.80	.86	.82	.79	.85	.81	.79	.83	.80	.78	.76
6.0	.85	.80	.77	.85	.80	.77	.83	.79	.76	.81	.78	.75	.80	.77	.74	.73
7.0	.82	.77	.73	.81	.76	.73	.80	.76	.73	.78	.75	.72	.77	.74	.72	.70
8.0	.79	.74	.70	.78	.73	.70	.77	.73	.70	.76	.72	.69	.75	.71	.69	.68
9.0	.76	.71	.68	.75	.71	.68	.74	.70	.67	.73	.70	.67	.72	.69	.67	.66
10.0	.73	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.65	.70	.67	.64	.63



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: CJY
Test Date: 2024-01-25

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:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 25.5D 3000K CRI90 NA

WEC AND CCEC

NAME: TLO010-21	TYPE:25.5D	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	.160	.091	.029	.153	.087	.028	.139	.080	.025	.126	.073	.023	.114	.066	.021		
2.0	.151	.083	.025	.145	.080	.025	.133	.074	.023	.122	.069	.021	.112	.063	.020		
3.0	.142	.075	.023	.136	.073	.022	.126	.068	.021	.117	.064	.020	.109	.060	.019		
4.0	.133	.069	.020	.129	.067	.020	.120	.064	.019	.112	.060	.018	.104	.057	.017		
5.0	.125	.064	.019	.121	.062	.018	.114	.059	.017	.107	.056	.017	.100	.054	.016		
6.0	.118	.059	.017	.115	.058	.017	.108	.056	.016	.102	.053	.016	.096	.051	.015		
7.0	.112	.055	.016	.109	.054	.015	.103	.052	.015	.098	.050	.015	.093	.048	.014		
8.0	.107	.052	.015	.104	.051	.014	.099	.049	.014	.094	.048	.014	.089	.046	.013		
9.0	.102	.049	.014	.099	.048	.014	.094	.047	.013	.090	.045	.013	.086	.044	.013		
10.0	.097	.046	.013	.095	.046	.013	.091	.044	.012	.087	.043	.012	.083	.042	.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	.189	.176	.165	.161	.151	.142	.110	.104	.098	.064	.060	.057	.020	.019	.018	
2.0	.172	.151	.134	.148	.130	.116	.101	.090	.081	.058	.052	.047	.019	.017	.015	
3.0	.159	.132	.111	.136	.114	.097	.093	.079	.068	.054	.046	.040	.017	.015	.013	
4.0	.147	.117	.095	.126	.101	.082	.087	.071	.058	.050	.041	.034	.016	.013	.011	
5.0	.138	.105	.082	.118	.091	.071	.081	.064	.050	.047	.037	.030	.015	.012	.010	
6.0	.129	.096	.072	.111	.083	.063	.077	.058	.044	.044	.034	.026	.014	.011	.009	
7.0	.122	.088	.064	.105	.076	.056	.072	.053	.040	.042	.031	.024	.014	.010	.008	
8.0	.116	.081	.058	.099	.071	.051	.069	.050	.036	.040	.029	.021	.013	.010	.007	
9.0	.110	.076	.053	.095	.066	.046	.066	.046	.033	.038	.027	.020	.012	.009	.006	
10.0	.105	.071	.049	.091	.062	.043	.063	.044	.030	.037	.026	.018	.012	.008	.006	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-01-25

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:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 25.5D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO010-21					TYPE:25.5D			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	18.9	19.7	19.2	19.9	20.1	19.7	20.5	19.9	20.7	20.9	
	3H	19.2	19.9	19.5	20.2	20.4	20.1	20.8	20.4	21.0	21.3
	4H	19.1	19.8	19.5	20.1	20.3	20.1	20.7	20.4	21.0	21.3
	6H	19.1	19.7	19.4	20.0	20.3	20.0	20.6	20.3	20.9	21.2
	8H	19.0	19.6	19.3	19.9	20.2	19.9	20.6	20.3	20.8	21.1
	12H	19.0	19.6	19.3	19.9	20.2	19.9	20.5	20.2	20.8	21.1
4H	2H	19.1	19.8	19.4	20.1	20.3	19.8	20.5	20.1	20.8	21.0
	3H	19.4	20.0	19.8	20.3	20.7	20.2	20.8	20.6	21.1	21.5
	4H	19.4	19.9	19.8	20.3	20.6	20.2	20.8	20.6	21.1	21.4
	6H	19.3	19.8	19.7	20.1	20.5	20.1	20.6	20.5	21.0	21.4
	8H	19.2	19.7	19.7	20.1	20.5	20.1	20.5	20.5	20.9	21.3
	12H	19.2	19.6	19.6	20.0	20.4	20.0	20.4	20.5	20.8	21.3
8H	4H	19.3	19.7	19.7	20.1	20.5	20.1	20.5	20.5	20.9	21.3
	6H	19.2	19.5	19.6	20.0	20.4	20.0	20.3	20.4	20.8	21.2
	8H	19.1	19.4	19.6	19.9	20.4	19.9	20.2	20.4	20.7	21.2
	12H	19.0	19.3	19.5	19.8	20.3	19.9	20.1	20.4	20.6	21.1
12H	4H	19.2	19.6	19.7	20.0	20.5	20.0	20.4	20.5	20.8	21.3
	6H	19.1	19.4	19.6	19.9	20.4	19.9	20.2	20.4	20.7	21.2
	8H	19.0	19.3	19.5	19.8	20.3	19.9	20.1	20.4	20.6	21.1
Variations with the observer position at spacings:											
S = 1.0H	+ 1.0 / - 1.5					+ 1.1 / - 1.4					
1.5H	+ 1.0 / - 0.8					+ 1.6 / - 0.9					
2.0H	+ 1.5 / - 1.4					+ 1.7 / - 1.6					

CIE Pub.117, 860.3 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:2024-01-25

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:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 25.5D 3000K CRI90 NA

UTILIZATION FACTORS TABLE

NAME: TLO010-21	TYPE:25.5D	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) $k(RI) \times RCR = 5$									
$k = 0.60$	85	78	74	84	78	74	83	77	74	70
0.80	92	86	82	91	86	82	90	85	81	77
1.00	97	91	87	96	90	87	94	90	86	82
1.25	101	96	92	100	95	91	98	93	90	86
1.50	104	99	95	103	98	95	100	96	93	88
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	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		

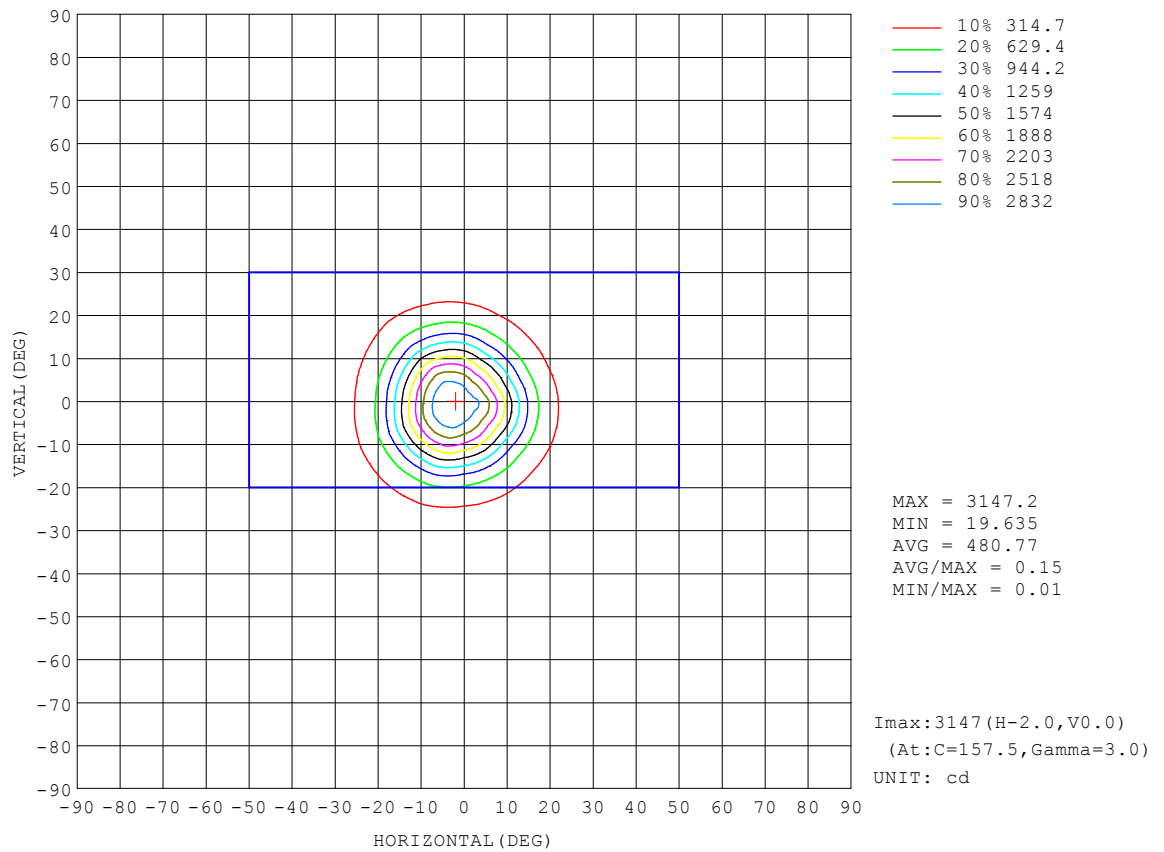
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 Remarks:

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ISOCANDELA DIAGRAM

NAME: TLO010-21	TYPE: 25.5D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:



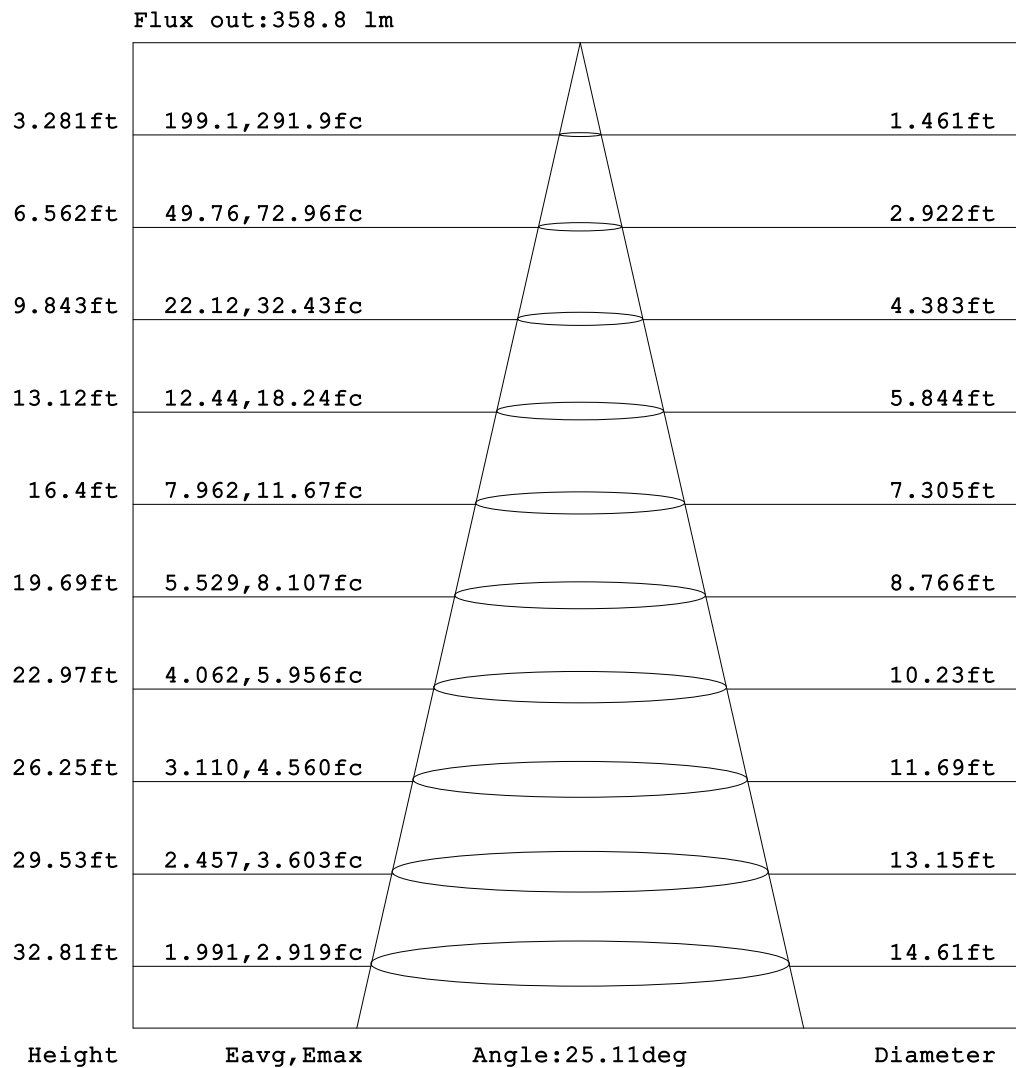
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Remarks:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 25.5D 3000K CRI90 NA

AAI Figure

NAME: TLO010-21	TYPE:25.5D	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.

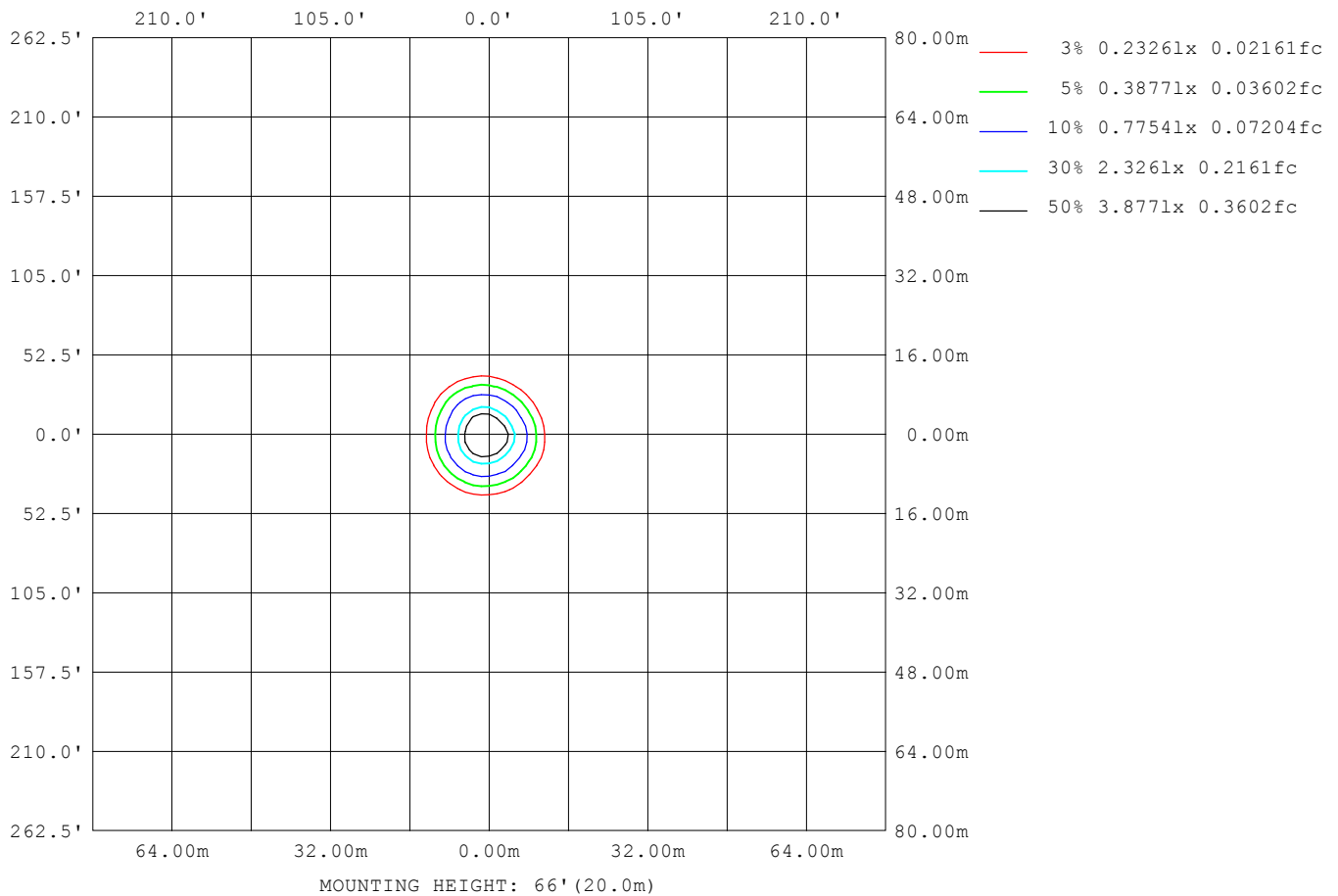
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TLO010-21 36V250mA CXM-9-30-90-36-AA40 25.5D 3000K CRI90 NA

ISOLUX DIAGRAM

NAME: TLO010-21	TYPE: 25.5D	WEIGHT: 1
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 45	Shielding Angle:



C Range: 0 - 360DEG
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Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 25.5D 3000K CRI90 NA

LED Avg.L Report

NAME: TLO010-21	TYPE:25.5D	WEIGHT:1
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:45	Shielding Angle:

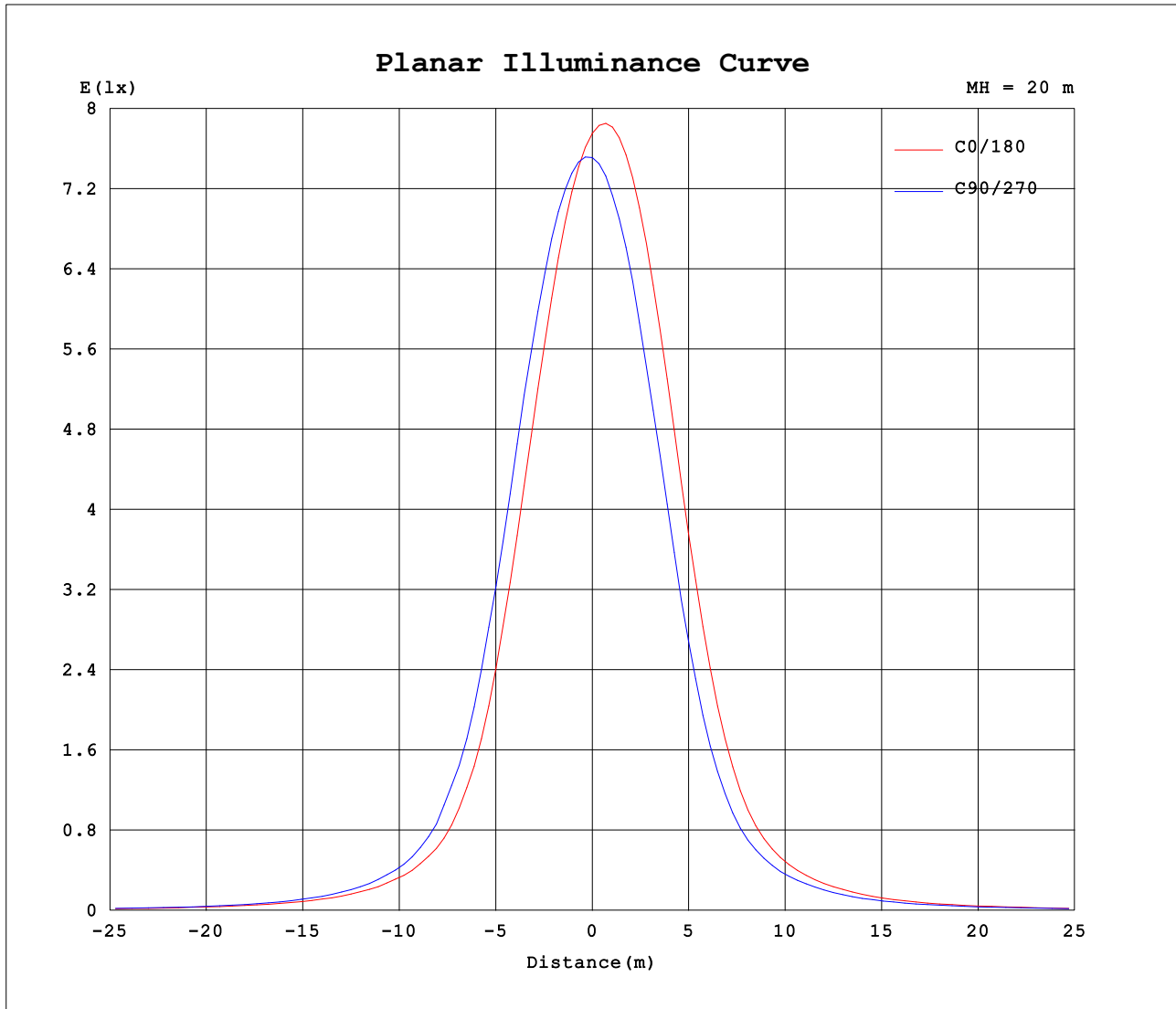
AvgL	cd/m2
L_0~180 (65) av	17856
L_0~180 (75) av	4450
L_0~180 (85) av	1554
L_90~270 (65) av	17891
L_90~270 (75) av	4474
L_90~270 (85) av	1620
L_45 (65) av	18273
L_45 (75) av	4928
L_45 (85) av	1577

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-01-25

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: CJY
Test Date: 2024-01-25

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:

TLO010-21 36V250mA CXM-9-30-90-36-AA40 25.5D 3000K CRI90 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO010-21	TYPE:25.5D	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	3040	3040	3040	3040	3040	3040	3040	3040	3040	3040	3040	3040	3040	3040	3040	3040			
5	2583	2623	2638	2749	2856	3006	3057	3064	2990	2969	2957	2826	2710	2542	2494	2495			
10	1740	1816	1833	2007	2180	2442	2523	2530	2375	2337	2331	2109	1922	1663	1593	1601			
15	889	963	969	1119	1269	1519	1603	1616	1436	1387	1396	1196	1038	842	788	788			
20	403	439	447	520	609	737	787	793	678	653	669	566	475	390	363	362			
25	212	229	236	267	292	348	366	368	324	320	329	282	245	210	198	196			
30	127	138	141	158	169	194	203	204	186	187	192	167	147	126	120	119			
35	81.6	85.2	89.0	98.9	105	119	124	124	115	116	118	104	90.0	80.1	76.5	76.1			
40	54.9	57.3	59.8	65.9	70.0	77.2	80.3	80.0	74.4	74.9	75.8	68.0	60.1	54.6	52.6	52.4			
45	40.1	41.3	42.8	46.7	48.7	53.3	55.2	54.6	51.1	51.2	52.1	47.4	43.0	39.7	38.6	38.4			
50	30.2	31.0	31.8	34.5	35.8	38.8	40.1	39.6	37.4	37.3	37.8	35.0	32.1	29.8	29.1	28.9			
55	22.1	23.1	23.6	25.7	26.7	29.1	30.0	29.7	28.2	28.0	28.3	26.0	23.7	22.0	21.4	21.2			
60	15.6	16.4	16.8	18.4	19.4	21.4	22.1	21.8	20.5	20.3	20.4	18.7	17.0	15.5	14.9	14.7			
65	9.97	10.7	10.8	12.1	12.9	14.8	15.2	15.1	14.0	13.7	13.8	12.4	11.1	9.78	9.25	9.14			
70	4.62	5.21	5.24	6.44	7.25	8.97	9.31	9.32	8.06	7.63	7.64	6.46	5.45	4.15	3.76	3.73			
75	1.06	1.34	1.32	1.89	2.34	3.47	3.68	3.63	2.60	2.36	2.43	1.82	1.34	0.81	0.67	0.69			
80	0.24	0.38	0.25	0.29	0.30	0.55	0.64	0.60	0.29	0.25	0.46	0.20	0.19	0.19	0.26	0.19			
85	0.24	0.24	0.25	0.25	0.25	0.26	0.24	0.26	0.19	0.19	0.19	0.19	0.20	0.20	0.20	0.20			
90	0.26	0.27	0.26	0.26	0.26	0.25	0.24	0.24	0.21	0.20	0.21	0.21	0.24	0.22	0.25	0.22			
95	0.31	0.33	0.31	0.32	0.29	0.30	0.27	0.28	0.25	0.23	0.26	0.26	0.30	0.29	0.32	0.29			
100	0.39	0.40	0.39	0.39	0.36	0.35	0.32	0.34	0.32	0.30	0.33	0.34	0.37	0.37	0.39	0.37			
105	0.49	0.50	0.49	0.49	0.44	0.43	0.40	0.41	0.40	0.39	0.41	0.42	0.47	0.47	0.50	0.47			
110	0.64	0.65	0.64	0.62	0.56	0.54	0.50	0.51	0.50	0.49	0.53	0.54	0.59	0.61	0.64	0.62			
115	0.86	0.86	0.86	0.81	0.74	0.69	0.65	0.66	0.65	0.65	0.68	0.72	0.78	0.83	0.85	0.83			
120	1.25	1.23	1.24	1.14	1.04	0.94	0.88	0.89	0.88	0.90	0.94	1.00	1.10	1.21	1.25	1.22			
125	1.99	1.92	1.96	1.76	1.61	1.39	1.31	1.30	1.30	1.36	1.40	1.55	1.71	1.93	1.99	1.98			
130	3.23	3.17	3.20	2.90	2.66	2.25	2.14	2.09	2.12	2.23	2.28	2.55	2.82	3.19	3.32	3.25			
135	5.05	4.95	4.99	4.59	4.25	3.71	3.50	3.47	3.50	3.60	3.74	4.06	4.50	4.97	5.18	5.06			
140	7.17	7.03	7.09	6.67	6.28	5.67	5.39	5.36	5.38	5.50	5.67	6.08	6.57	7.12	7.33	7.18			
145	9.15	9.04	9.13	8.77	8.42	7.85	7.56	7.51	7.51	7.64	7.82	8.23	8.73	9.23	9.38	9.23			
150	10.7	10.6	10.7	10.5	10.3	9.85	9.61	9.53	9.49	9.62	9.78	10.2	10.5	10.9	10.9	10.8			
155	11.5	11.5	11.6	11.7	11.6	11.3	11.1	11.0	11.0	11.0	11.2	11.5	11.7	11.9	11.7	11.5			
160	11.4	11.4	11.7	11.9	12.1	12.0	11.8	11.8	11.7	11.7	11.8	12.0	12.1	11.9	11.4	11.2			
165	10.4	10.5	10.9	11.4	11.6	11.8	11.7	11.6	11.4	11.4	11.5	11.6	11.4	11.0	10.4	10.2			
170	9.10	9.32	9.55	10.1	10.5	10.8	10.8	10.8	10.4	10.5	10.5	10.3	10.05	9.54	9.05	8.91			
175	8.05	8.23	8.59	8.90	9.19	9.49	9.60	9.43	9.12	9.20	9.39	9.16	8.81	8.62	8.28	7.98			
180	8.18	8.28	8.65	8.61	8.70	8.62	8.63	8.28	8.19	8.28	8.62	8.64	8.66	8.61	8.65	8.24			

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