

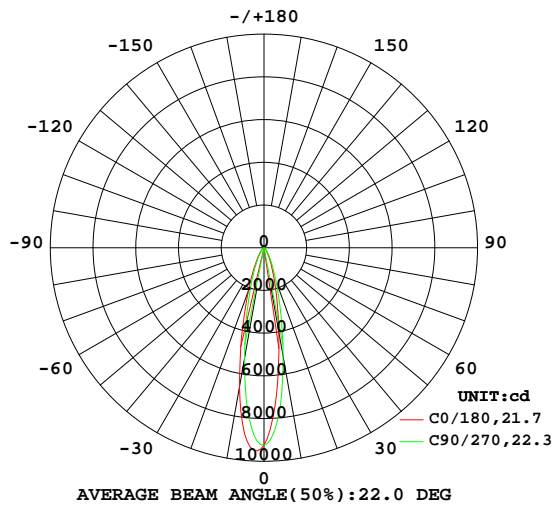
TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 22D 3000K CRI90 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

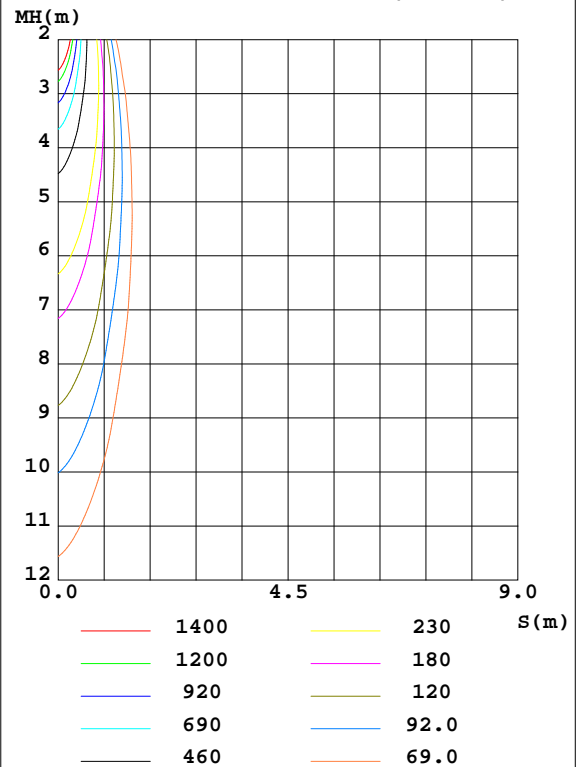
NAME: TLO030-61	TYPE: 22D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 92.89 lm/W			
MODEL		Imax(cd)	9559	S/MH(C0/180)	0.45
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	0.38
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2474.3	η UP,DN(C0-180)	1.2,47.6
NOMINAL FLUX(lm)	2474.3	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,50.0
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:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 22D 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	4033	4266	5176	6263	6623	6381	5281	4301	0- 10	670.9	670.9	27.1,27.1
20	1226	1331	1639	2022	2127	2086	1715	1367	10- 20	852.2	1523	61.6,61.6
30	397.0	442.3	533.3	681.1	695.1	685.1	547.6	452.9	20- 30	453.0	1976	79.9,79.9
40	158.0	170.5	206.8	253.1	258.1	250.9	205.5	172.6	30- 40	215.3	2191	88.6,88.6
50	78.19	80.26	93.98	112.1	114.9	110.0	95.06	82.70	40- 50	109.7	2301	93,93
60	41.47	40.28	48.95	56.79	60.17	56.64	50.62	42.77	50- 60	62.57	2364	95.5,95.5
70	17.32	17.32	21.49	26.73	29.54	27.34	23.83	18.86	60- 70	35.03	2399	96.9,96.9
80	2.459	2.803	4.547	6.997	9.246	7.947	6.086	3.418	70- 80	14.13	2413	97.5,97.5
90	0.7943	0.7893	0.7507	0.7016	0.5779	0.5801	0.6408	0.6950	80- 90	2.117	2415	97.6,97.6
100	1.211	1.201	1.098	0.9980	0.8776	0.8844	0.9977	1.100	90-100	0.9271	2416	97.6,97.6
110	2.069	2.028	1.796	1.595	1.408	1.450	1.641	1.854	100-110	1.420	2417	97.7,97.7
120	4.200	4.140	3.587	3.035	2.588	2.732	3.187	3.721	110-120	2.396	2420	97.8,97.8
130	10.11	9.810	8.427	7.059	6.017	6.348	7.572	8.874	120-130	4.743	2424	98,98
140	21.20	20.74	18.66	16.32	14.68	15.20	17.28	19.49	130-140	9.631	2434	98.4,98.4
150	30.42	30.03	28.81	27.41	26.18	26.49	27.89	29.34	140-150	14.62	2449	99,99
160	32.10	32.20	32.74	32.57	32.29	32.30	32.60	31.95	150-160	14.28	2463	99.5,99.5
170	26.42	26.61	28.67	29.87	30.43	29.97	28.77	26.80	160-170	8.847	2472	99.9,99.9
180	24.58	25.17	24.74	25.26	24.59	25.16	24.73	25.26	170-180	2.546	2474	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

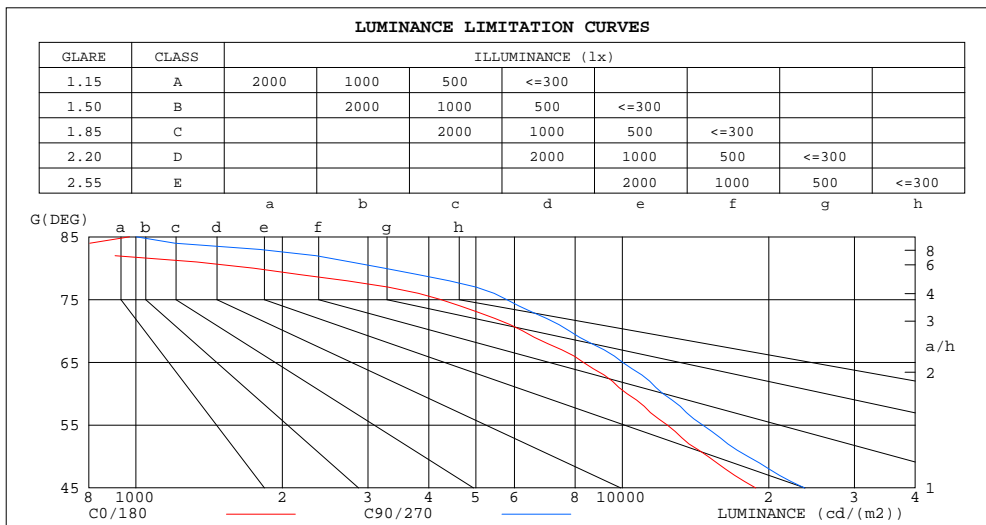
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:28DEG
 Operators:LXJ
 Test Date:2024-11-15

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:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 22D 3000K CRI90 NA

LUMINANCE LIMITATION CURVES

NAME: TLO030-61	TYPE: 22D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	970	1002
80	1746	3244
75	4237	5781
70	6242	7782
65	8312	10011
60	10225	12127
55	12377	14626
50	14996	18111
45	18803	23681

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

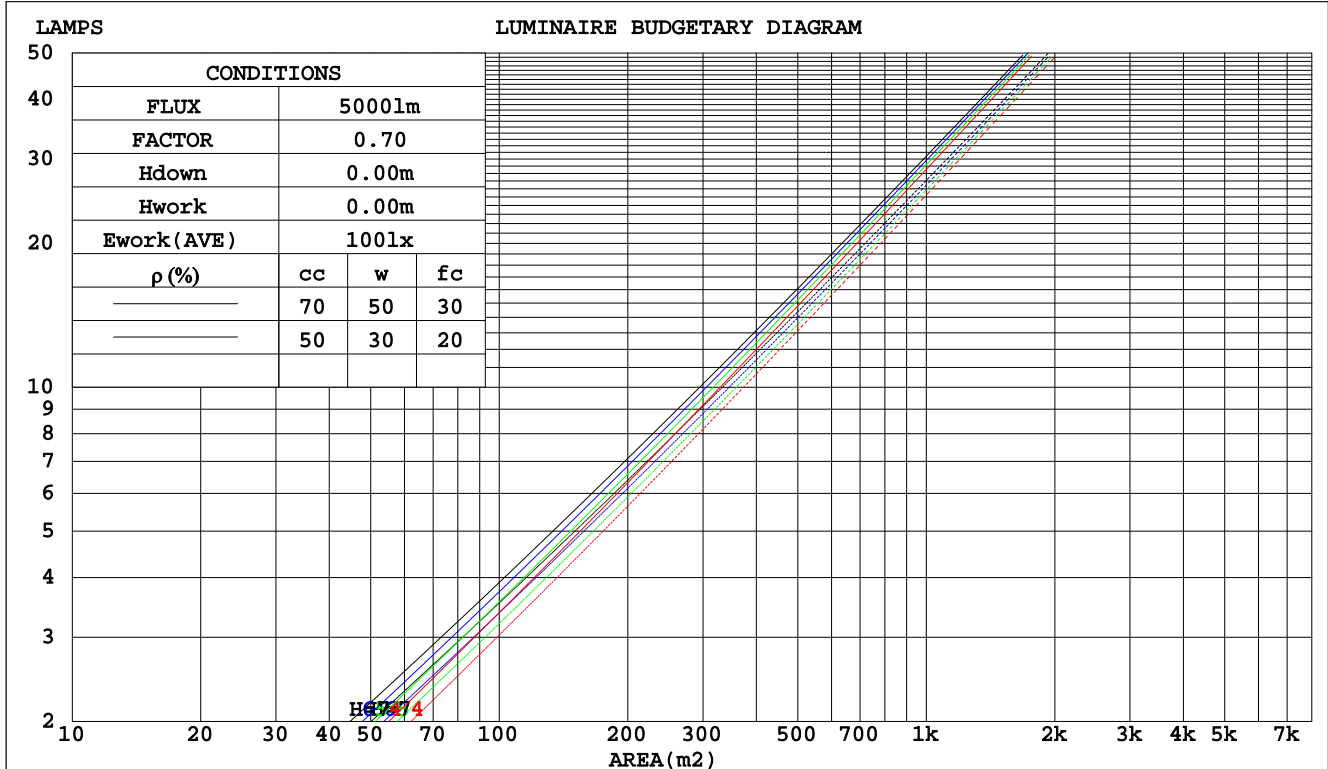
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 22D 3000K CRI90 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO030-61	TYPE:22D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	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	1.08	1.06	1.05	1.04	1.02	1.01	.00	.99	.98	.96	.95	.94	.92
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.95	.93	.91	.92	.91	.89	.87
3.0	.98	.94	.90	.97	.93	.89	.94	.90	.88	.91	.88	.86	.89	.86	.84	.83
4.0	.93	.88	.84	.92	.87	.84	.89	.86	.83	.87	.84	.81	.85	.82	.80	.79
5.0	.88	.83	.80	.87	.83	.79	.85	.81	.78	.84	.80	.77	.82	.79	.77	.75
6.0	.84	.79	.76	.84	.79	.75	.82	.78	.75	.80	.77	.74	.79	.76	.73	.72
7.0	.81	.76	.72	.80	.75	.72	.79	.74	.71	.77	.74	.71	.76	.73	.70	.69
8.0	.78	.72	.69	.77	.72	.69	.76	.71	.68	.75	.71	.68	.74	.70	.68	.66
9.0	.75	.70	.66	.74	.69	.66	.73	.69	.66	.72	.68	.65	.71	.68	.65	.64
10.0	.72	.67	.64	.71	.67	.64	.70	.66	.63	.70	.66	.63	.69	.65	.63	.62



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:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 22D 3000K CRI90 NA

WEC AND CCEC

NAME: TLO030-61	TYPE:22D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	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	.165	.094	.030	.157	.090	.028	.143	.082	.026	.131	.075	.024	.119	.069	.022	
2.0	.155	.085	.026	.149	.082	.025	.137	.076	.024	.126	.071	.022	.116	.066	.021	
3.0	.145	.077	.023	.140	.075	.023	.130	.071	.021	.121	.066	.020	.112	.062	.019	
4.0	.137	.071	.021	.132	.069	.020	.123	.065	.020	.115	.062	.019	.108	.059	.018	
5.0	.129	.066	.019	.125	.064	.019	.117	.061	.018	.110	.058	.017	.104	.055	.017	
6.0	.122	.061	.017	.118	.060	.017	.112	.057	.017	.105	.055	.016	.100	.052	.016	
7.0	.115	.057	.016	.112	.056	.016	.106	.054	.015	.101	.052	.015	.096	.050	.015	
8.0	.110	.054	.015	.107	.053	.015	.102	.051	.014	.097	.049	.014	.092	.047	.014	
9.0	.104	.050	.014	.102	.050	.014	.097	.048	.014	.093	.046	.013	.089	.045	.013	
10.0	.100	.048	.013	.097	.047	.013	.093	.046	.013	.089	.044	.013	.085	.043	.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	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.189	.176	.164	.161	.151	.141	.110	.104	.098	.064	.060	.057	.020	.019	.018	
2.0	.173	.151	.133	.148	.130	.115	.101	.090	.080	.058	.052	.047	.019	.017	.015	
3.0	.159	.132	.111	.136	.114	.096	.094	.079	.067	.054	.046	.040	.017	.015	.013	
4.0	.148	.117	.094	.127	.101	.082	.087	.071	.057	.050	.041	.034	.016	.013	.011	
5.0	.138	.105	.081	.119	.091	.071	.082	.064	.050	.047	.037	.030	.015	.012	.010	
6.0	.130	.096	.071	.112	.083	.062	.077	.058	.044	.045	.034	.026	.014	.011	.009	
7.0	.123	.088	.064	.106	.076	.055	.073	.053	.039	.042	.031	.023	.014	.010	.008	
8.0	.117	.081	.057	.100	.071	.050	.069	.050	.035	.040	.029	.021	.013	.010	.007	
9.0	.111	.076	.052	.096	.066	.046	.066	.046	.032	.039	.027	.019	.012	.009	.006	
10.0	.106	.071	.048	.091	.062	.042	.063	.044	.030	.037	.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:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 22D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO030-61					TYPE:22D			WEIGHT:			
SPEC.:3000K CRI90					DIM.:			SERIAL No.:			
MFR.:					SUR.:90			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		12.7	13.5	13.0	13.7	13.9	13.7	14.5	13.9	14.7	14.9
3H		13.1	13.8	13.4	14.1	14.3	14.1	14.8	14.4	15.1	15.3
4H		13.2	13.9	13.5	14.1	14.4	14.2	14.9	14.5	15.1	15.4
6H		13.1	13.8	13.4	14.1	14.3	14.2	14.8	14.5	15.1	15.4
8H		13.1	13.7	13.4	14.0	14.3	14.1	14.8	14.5	15.1	15.4
12H		13.0	13.6	13.4	13.9	14.3	14.1	14.7	14.4	15.0	15.3
4H 2H		12.9	13.6	13.2	13.8	14.1	13.7	14.4	14.0	14.7	14.9
3H		13.4	14.0	13.7	14.3	14.6	14.2	14.8	14.6	15.2	15.5
4H		13.5	14.0	13.8	14.4	14.7	14.4	14.9	14.8	15.3	15.6
6H		13.4	13.9	13.8	14.3	14.7	14.4	14.9	14.8	15.3	15.6
8H		13.4	13.8	13.8	14.2	14.6	14.4	14.8	14.8	15.2	15.6
12H		13.3	13.7	13.8	14.2	14.6	14.3	14.7	14.7	15.1	15.6
8H 4H		13.4	13.9	13.8	14.3	14.7	14.3	14.8	14.7	15.1	15.6
6H		13.4	13.8	13.8	14.2	14.7	14.3	14.7	14.8	15.1	15.6
8H		13.3	13.7	13.8	14.1	14.6	14.3	14.6	14.8	15.1	15.6
12H		13.3	13.6	13.8	14.0	14.6	14.2	14.5	14.7	15.0	15.5
12H 4H		13.4	13.8	13.8	14.2	14.6	14.2	14.7	14.7	15.1	15.5
6H		13.3	13.7	13.8	14.1	14.6	14.3	14.6	14.8	15.1	15.5
8H		13.3	13.6	13.8	14.0	14.6	14.2	14.5	14.7	15.0	15.5
Variations with the observer position at spacings:											
S = 1.0H		+ 1.0 / - 1.4					+ 1.3 / - 1.4				
1.5H		+ 1.3 / - 0.9					+ 2.1 / - 1.1				
2.0H		+ 1.6 / - 1.3					+ 2.1 / - 1.5				

CIE Pub.117, 2474 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.1)

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:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 22D 3000K CRI90 NA

UTILIZATION FACTORS TABLE

NAME: TLO030-61	TYPE:22D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	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	78	74	84	78	74	83	77	73	70
0.80	92	86	82	91	85	82	90	85	81	77
1.00	97	91	87	96	90	86	94	90	86	81
1.25	101	95	92	100	95	91	97	93	90	85
1.50	104	99	95	102	98	95	100	96	93	88
2.00	107	102	99	105	101	98	102	99	96	90
2.50	109	105	101	107	103	100	103	100	98	91
3.00	110	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	109	108	107	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNM = 1.25		

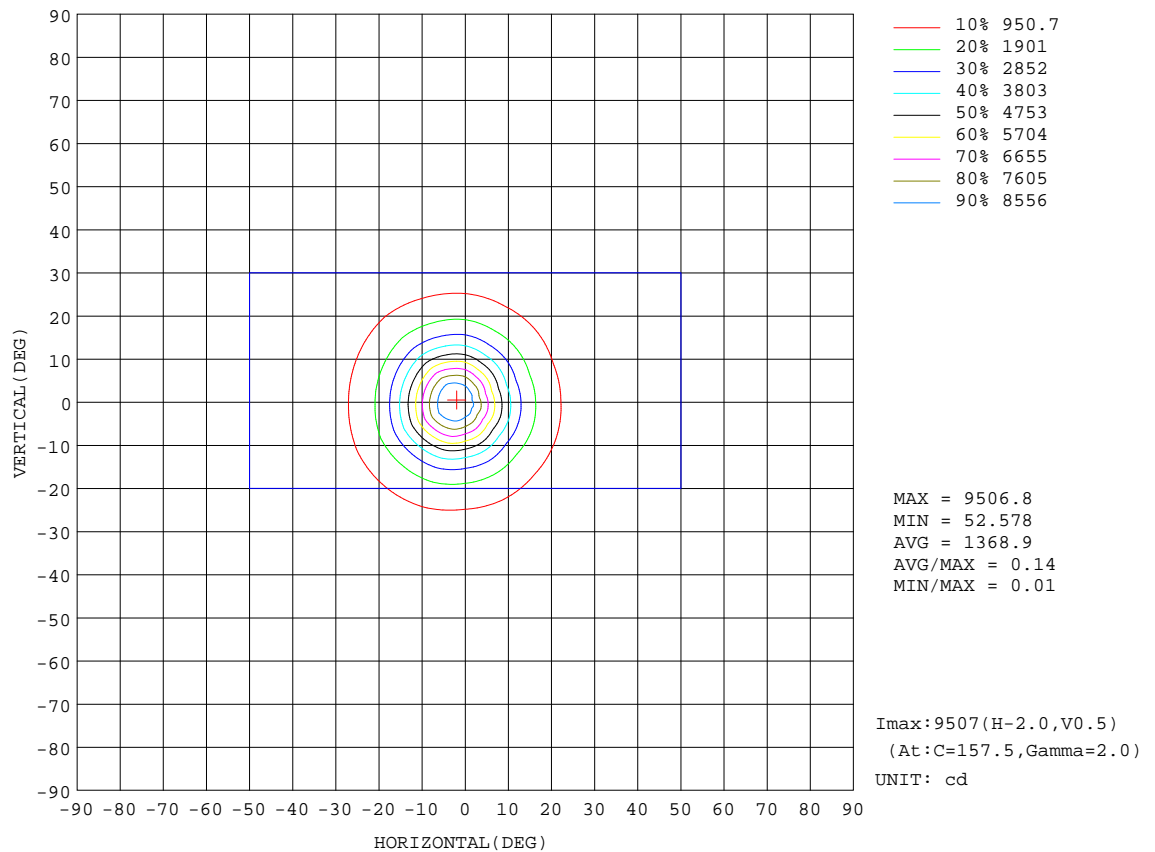
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Operators:LXJ
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γ Range: 0 - 180DEG
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Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

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ISOCANDELA DIAGRAM

NAME: TLO030-61	TYPE:22D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:



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

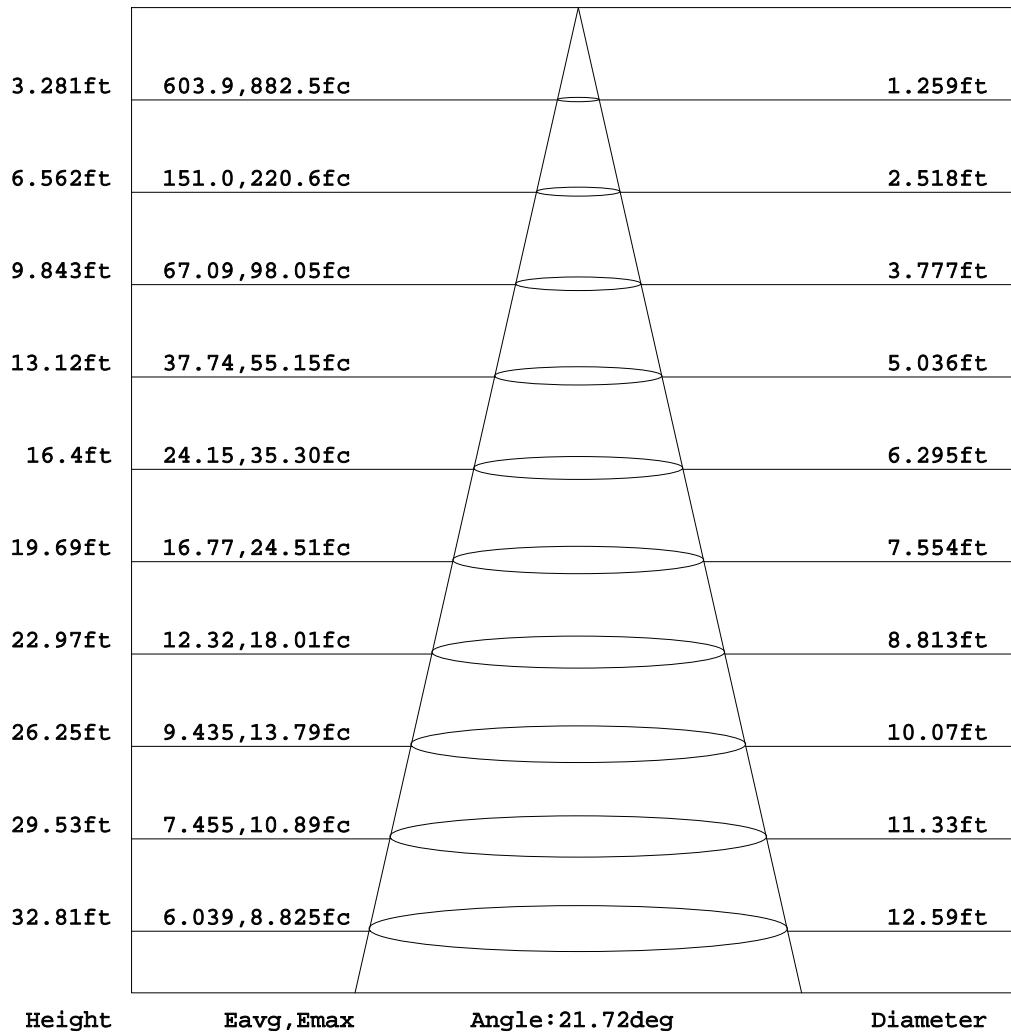
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TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 22D 3000K CRI90 NA

AAI Figure

NAME: TLO030-61	TYPE:22D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:

Flux out:771.5 lm



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

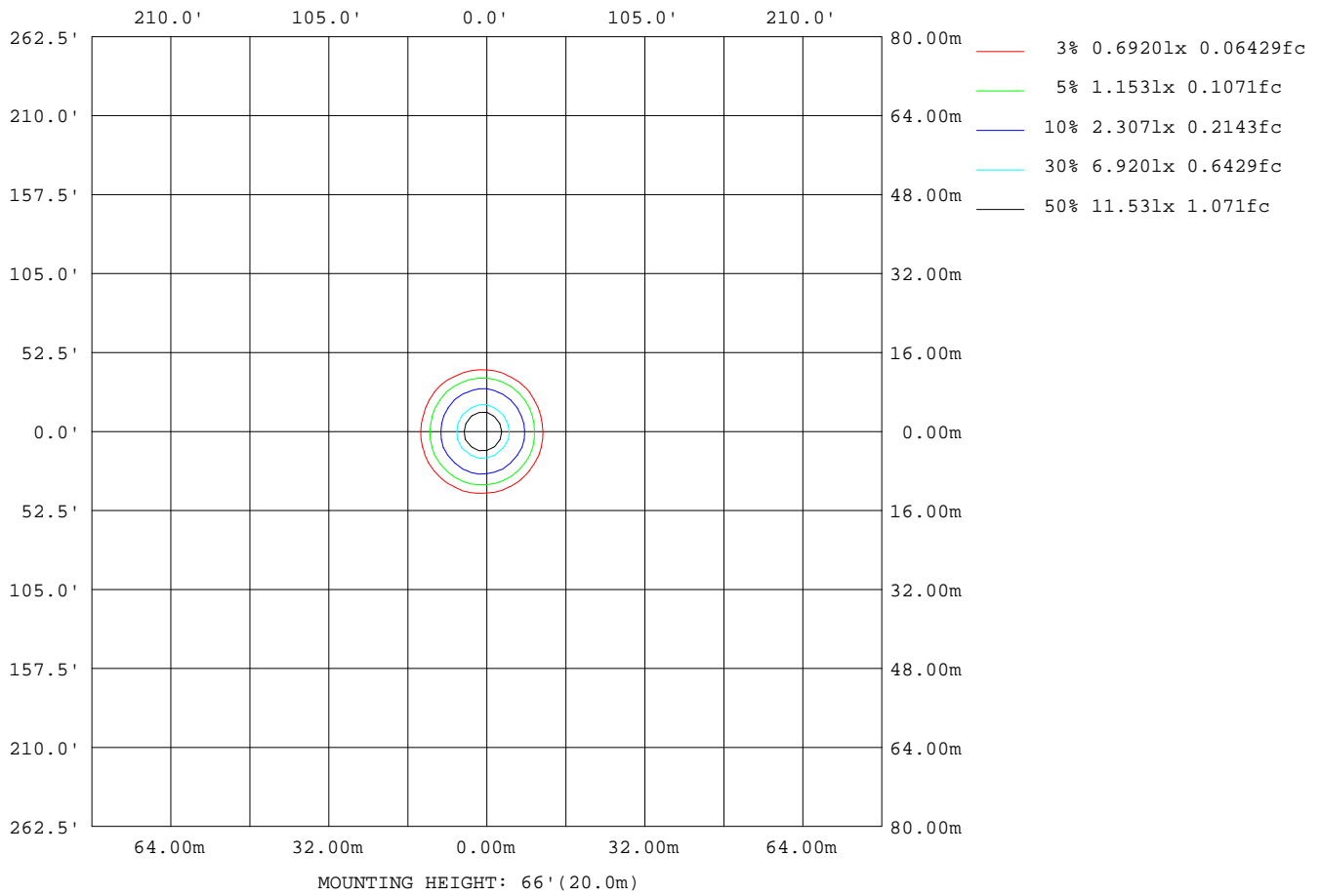
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TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 22D 3000K CRI90 NA

ISOLUX DIAGRAM

NAME: TLO030-61	TYPE: 22D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:



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:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 22D 3000K CRI90 NA

LED Avg.L Report

NAME: TLO030-61	TYPE:22D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:

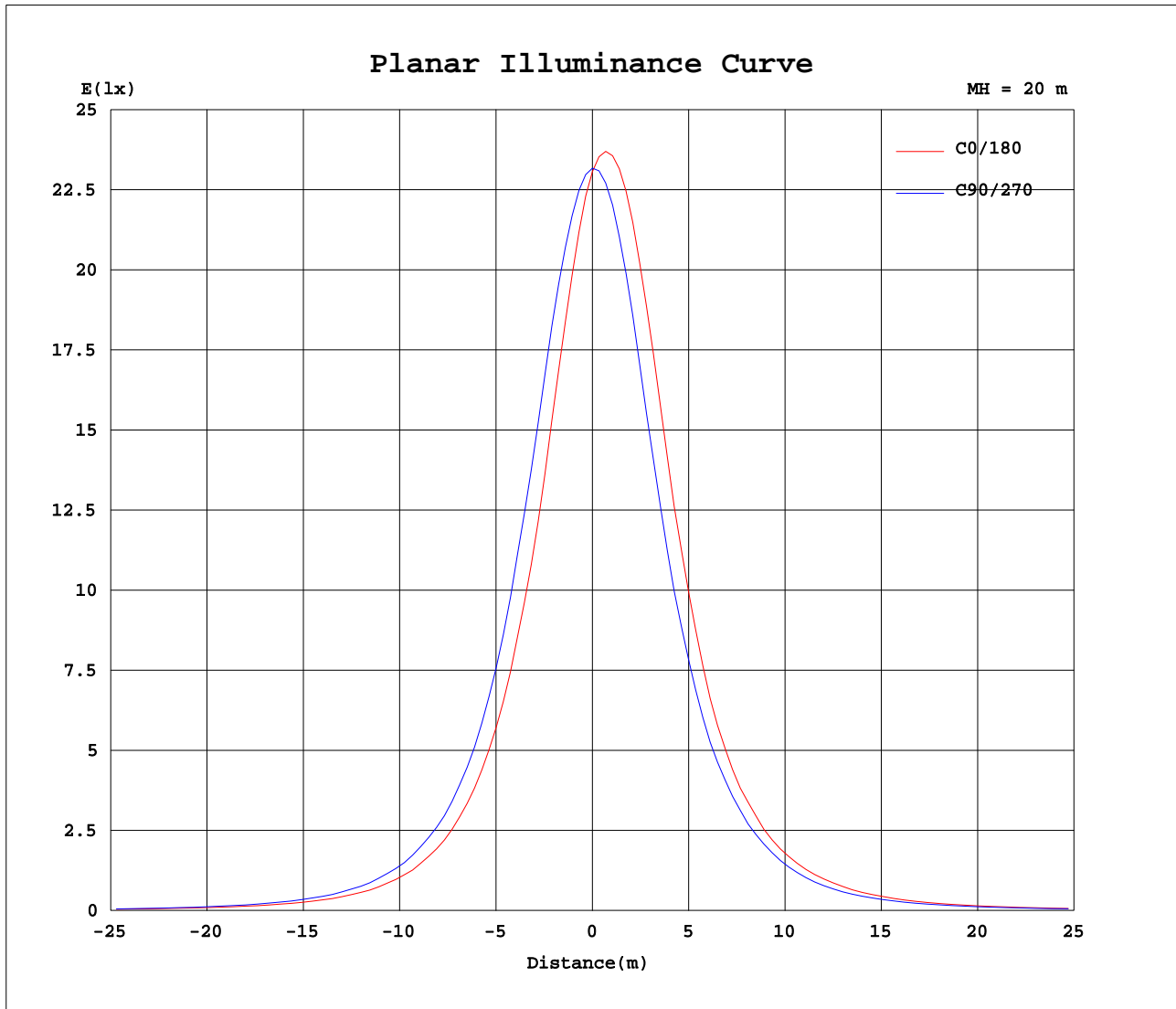
AvgL	cd/m2
L_0~180(65)av	10557
L_0~180(75)av	6375
L_0~180(85)av	1981
L_90~270(65)av	10267
L_90~270(75)av	6144
L_90~270(85)av	1194
L_45(65)av	10011
L_45(75)av	6086
L_45(85)av	1969

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:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 22D 3000K CRI90 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO030-61	TYPE: 22D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	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	9240	9240	9240	9240	9240	9240	9240	9240	9240	9240	9240	9240	9240	9240	9240			
5	6832	6952	7052	7507	7883	8451	8805	9192	9101	9024	8935	8443	8022	7456	7104	6765			
10	4033	4169	4266	4784	5176	5843	6263	6801	6623	6467	6381	5740	5281	4659	4301	3999			
15	2237	2322	2398	2718	2963	3397	3659	4037	3905	3765	3758	3331	3056	2656	2426	2210			
20	1226	1290	1331	1526	1639	1883	2022	2218	2127	2070	2086	1849	1715	1490	1367	1225			
25	683	725	758	861	927	1066	1142	1245	1191	1170	1176	1045	969	851	781	689			
30	397	417	442	499	533	621	681	720	695	684	685	613	548	494	453	400			
35	246	253	268	298	323	370	408	430	415	411	409	356	326	294	271	243			
40	158	163	170	189	207	231	253	268	258	257	251	221	206	186	173	158			
45	108	110	114	125	135	152	164	174	169	168	161	146	138	125	117	108			
50	78.2	78.0	80.3	87.1	94.0	104	112	119	115	114	110	101	95.1	88.0	82.7	78.0			
55	57.6	56.9	57.1	62.7	67.7	74.0	79.6	84.0	82.1	80.6	78.6	72.6	69.2	63.6	59.8	57.0			
60	41.5	41.0	40.3	45.1	48.9	53.4	56.8	60.9	60.2	58.0	56.6	52.9	50.6	46.0	42.8	41.1			
65	28.5	28.4	27.6	31.4	34.2	37.8	39.8	43.8	43.8	41.6	40.2	37.7	36.1	32.2	29.4	28.3			
70	17.3	17.4	17.3	19.5	21.5	24.8	26.7	29.8	29.5	28.4	27.3	25.7	23.8	20.9	18.9	17.2			
75	8.89	9.09	8.34	10.7	12.1	14.3	15.8	18.1	17.8	17.2	17.2	15.1	13.7	11.4	9.74	8.87			
80	2.46	2.58	2.80	3.84	4.55	6.57	7.00	9.52	9.25	8.85	7.95	7.37	6.09	4.40	3.42	2.48			
85	0.69	0.70	0.69	0.69	0.71	1.32	1.85	2.69	2.11	2.36	2.44	1.61	0.98	0.59	0.57	0.58			
90	0.79	0.81	0.79	0.78	0.75	0.73	0.70	0.70	0.58	0.55	0.58	0.59	0.64	0.65	0.69	0.70			
95	0.98	0.98	0.96	0.94	0.90	0.87	0.82	0.81	0.71	0.68	0.71	0.74	0.79	0.82	0.87	0.89			
100	1.21	1.22	1.20	1.15	1.10	1.06	1.00	0.98	0.88	0.85	0.88	0.92	1.00	1.04	1.10	1.14			
105	1.56	1.54	1.53	1.45	1.38	1.31	1.24	1.20	1.11	1.08	1.12	1.18	1.26	1.34	1.41	1.47			
110	2.07	2.04	2.03	1.90	1.80	1.68	1.60	1.53	1.41	1.40	1.45	1.54	1.64	1.76	1.85	1.95			
115	2.88	2.82	2.84	2.61	2.47	2.27	2.14	2.02	1.85	1.87	1.93	2.09	2.22	2.43	2.55	2.72			
120	4.20	4.15	4.14	3.81	3.59	3.23	3.03	2.83	2.59	2.63	2.73	2.99	3.19	3.53	3.72	3.98			
125	6.46	6.33	6.33	5.79	5.42	4.87	4.53	4.22	3.87	3.91	4.08	4.48	4.84	5.38	5.66	6.13			
130	10.1	9.87	9.81	9.00	8.43	7.56	7.06	6.53	6.02	6.11	6.35	7.01	7.57	8.39	8.87	9.59			
135	15.3	15.0	14.8	13.8	13.0	11.7	11.0	10.3	9.55	9.67	10.01	10.9	11.8	12.9	13.7	14.6			
140	21.2	20.9	20.7	19.5	18.7	17.3	16.3	15.6	14.7	14.8	15.2	16.3	17.3	18.6	19.5	20.6			
145	26.6	26.2	26.1	25.0	24.3	23.1	22.3	21.6	20.7	20.7	21.1	22.2	23.1	24.3	25.1	26.1			
150	30.4	30.1	30.0	29.3	28.8	28.0	27.4	27.0	26.2	26.2	26.5	27.3	27.9	28.9	29.3	30.1			
155	32.3	32.0	32.1	31.9	31.7	31.2	30.9	30.8	30.2	30.1	30.3	30.8	31.2	31.7	31.7	32.2			
160	32.1	31.8	32.2	32.5	32.7	32.7	32.6	32.7	32.3	32.1	32.3	32.5	32.6	32.4	32.0	32.1			
165	29.8	29.5	30.3	31.1	31.7	32.2	32.3	32.7	32.4	32.2	32.2	32.0	31.8	30.9	29.9	29.9			
170	26.4	26.3	26.6	27.8	28.7	29.4	29.9	30.7	30.4	30.4	30.0	29.3	28.8	27.7	26.8	26.7			
175	23.8	23.9	24.7	24.8	25.3	26.3	27.2	27.6	27.2	27.3	27.4	26.3	25.7	25.4	24.9	24.4			
180	24.6	24.6	25.2	24.6	24.7	24.8	25.3	25.0	24.6	24.6	25.2	24.6	24.7	24.8	25.3	25.0			

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