

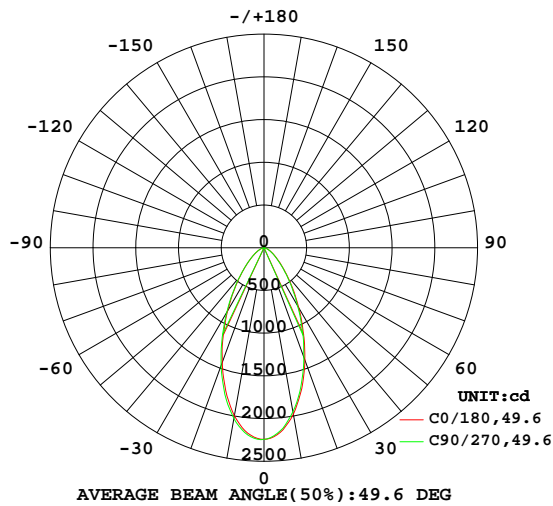
TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 50D 3000K CRI90 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

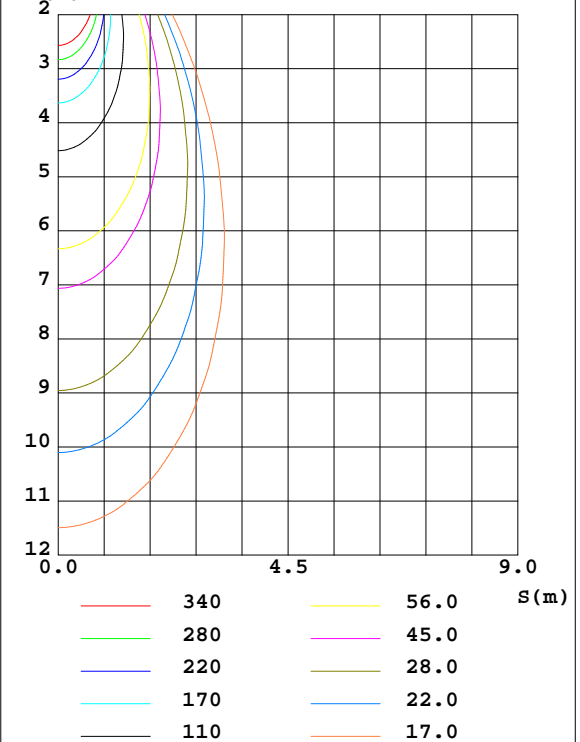
NAME: TLO030-61	TYPE: 50D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 77.56 lm/W			
MODEL		Imax(cd)	2246	S/MH(C0/180)	0.76
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	0.78
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2065.0	η UP,DN(C0-180)	1.2,47.9
NOMINAL FLUX(lm)	2064.97	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.1,49.8
LAMPS INSIDE	1	η up(%)	2.3	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	97.7	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: 2024-12-03

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 50D 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	1980	1947	1949	1977	1998	2030	2030	2004	0- 10	201.6	201.6	9.76,9.76
20	1400	1356	1364	1403	1430	1478	1472	1434	10- 20	477.2	678.8	32.9,32.9
30	815.2	784.8	788.9	821.6	850.4	886.3	869.9	845.3	20- 30	508.3	1187	57.5,57.5
40	415.1	398.9	402.2	423.4	436.2	454.7	442.1	424.2	30- 40	379.6	1567	75.9,75.9
50	199.8	191.1	192.9	202.0	210.3	216.6	212.1	200.7	40- 50	230.7	1797	87,87
60	95.31	89.79	90.73	93.53	99.19	101.3	100.7	93.54	50- 60	127.2	1925	93.2,93.2
70	40.72	37.03	37.89	39.90	42.04	43.28	42.68	39.68	60- 70	64.50	1989	96.3,96.3
80	9.567	7.483	7.856	8.325	9.493	9.876	9.840	9.035	70- 80	24.50	2014	97.5,97.5
90	0.9025	0.9255	0.9257	0.8960	0.7859	0.7568	0.7662	0.7935	80- 90	2.986	2017	97.7,97.7
100	1.638	1.686	1.674	1.599	1.447	1.382	1.398	1.451	90-100	1.250	2018	97.7,97.7
110	3.048	3.152	3.113	2.972	2.704	2.584	2.617	2.727	100-110	2.246	2020	97.8,97.8
120	5.473	5.656	5.623	5.395	4.979	4.755	4.817	5.006	110-120	3.890	2024	98,98
130	9.147	9.407	9.347	9.048	8.496	8.143	8.247	8.493	120-130	6.155	2030	98.3,98.3
140	13.56	13.81	13.95	13.53	12.94	12.51	12.63	12.85	130-140	8.435	2039	98.7,98.7
150	17.63	17.90	18.04	17.73	17.19	16.86	16.97	17.04	140-150	9.616	2048	99.2,99.2
160	20.07	20.40	20.75	20.45	19.97	19.91	20.13	19.82	150-160	8.730	2057	99.6,99.6
170	21.36	21.43	21.71	21.73	21.53	21.51	21.50	21.27	160-170	5.914	2063	99.9,99.9
180	22.36	22.53	22.28	22.53	22.38	22.54	22.29	22.53	170-180	2.085	2065	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

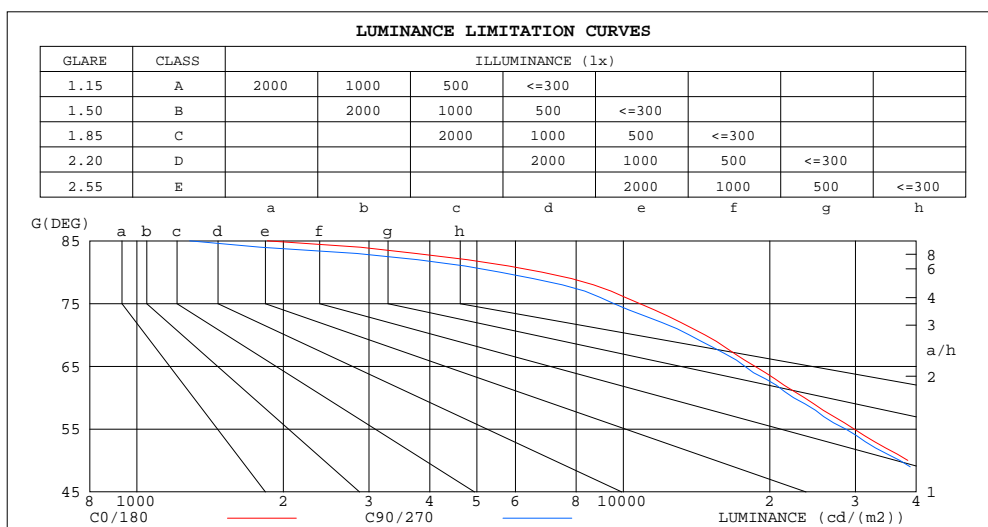
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 Test Speed: HIGH
 Temperature:28DEG
 Operators:LXJ
 Test Date:2024-12-03

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 50D 3000K CRI90 NA

LUMINANCE LIMITATION CURVES

NAME: TLO030-61	TYPE: 50D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1854	1284
80	6810	5581
75	10803	9558
70	14716	13664
65	18640	17774
60	23563	22384
55	29828	28656
50	38431	37020
45	50289	48373

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: LXJ
Test Date: 2024-12-03

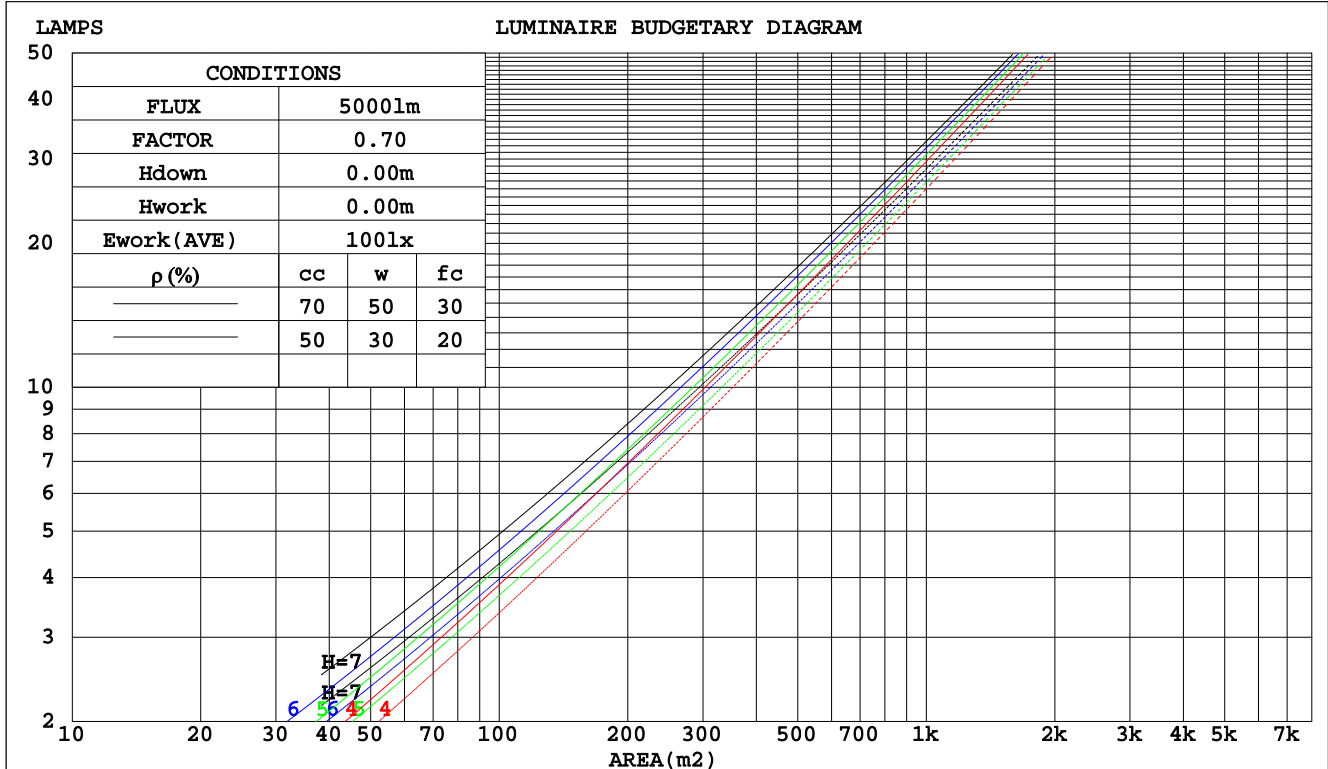
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Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 50D 3000K CRI90 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO030-61	TYPE:50D	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	1.09	1.06	1.03	1.06	1.04	1.01	1.02	.00	.98	.98	.96	.94	.94	.92	.91	.89
2.0	.00	.95	.91	.98	.93	.90	.94	.90	.87	.90	.88	.85	.87	.85	.83	.81
3.0	.91	.86	.81	.90	.85	.80	.87	.82	.79	.84	.80	.77	.81	.78	.76	.74
4.0	.84	.78	.73	.83	.77	.73	.80	.75	.71	.78	.74	.70	.76	.72	.69	.67
5.0	.78	.71	.67	.77	.71	.66	.75	.69	.65	.73	.68	.65	.71	.67	.64	.62
6.0	.73	.66	.61	.72	.65	.61	.70	.64	.60	.68	.63	.59	.67	.62	.59	.57
7.0	.68	.61	.56	.67	.61	.56	.65	.60	.56	.64	.59	.55	.63	.58	.55	.53
8.0	.63	.57	.52	.63	.56	.52	.61	.56	.52	.60	.55	.51	.59	.54	.51	.49
9.0	.60	.53	.49	.59	.53	.49	.58	.52	.48	.57	.52	.48	.56	.51	.48	.46
10.0	.56	.50	.46	.56	.50	.45	.55	.49	.45	.54	.49	.45	.53	.48	.45	.43



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:LXJ
Test Date:2024-12-03

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 50D 3000K CRI90 NA

WEC AND CCEC

NAME: TLO030-61	TYPE:50D	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	.207	.118	.037	.199	.114	.036	.185	.106	.034	.172	.099	.032	.160	.093	.030		
2.0	.199	.109	.033	.193	.106	.033	.181	.100	.031	.169	.095	.030	.159	.090	.028		
3.0	.189	.101	.030	.183	.098	.030	.173	.094	.028	.163	.089	.027	.154	.085	.026		
4.0	.179	.093	.027	.174	.091	.027	.165	.087	.026	.156	.084	.025	.148	.080	.024		
5.0	.169	.086	.025	.165	.084	.025	.156	.081	.024	.149	.079	.023	.142	.076	.023		
6.0	.160	.080	.023	.156	.079	.023	.149	.076	.022	.142	.074	.022	.136	.071	.021		
7.0	.151	.075	.021	.148	.074	.021	.142	.072	.021	.135	.069	.020	.130	.067	.020		
8.0	.144	.070	.020	.141	.069	.020	.135	.067	.019	.129	.066	.019	.124	.064	.019		
9.0	.137	.066	.018	.134	.065	.018	.129	.064	.018	.124	.062	.018	.119	.060	.017		
10.0	.130	.062	.017	.128	.062	.017	.123	.060	.017	.118	.059	.017	.114	.057	.016		

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	.191	.175	.160	.164	.150	.138	.112	.103	.096	.064	.060	.056	.021	.019	.018	
2.0	.178	.150	.127	.152	.130	.110	.104	.090	.077	.060	.052	.045	.019	.017	.015	
3.0	.167	.132	.104	.143	.114	.090	.098	.079	.063	.057	.046	.037	.018	.015	.012	
4.0	.158	.118	.087	.135	.102	.076	.093	.071	.053	.054	.042	.032	.017	.014	.010	
5.0	.150	.106	.075	.128	.092	.065	.089	.064	.046	.051	.038	.027	.017	.012	.009	
6.0	.142	.098	.065	.122	.084	.057	.084	.059	.040	.049	.035	.024	.016	.011	.008	
7.0	.136	.090	.058	.117	.078	.051	.081	.055	.036	.047	.032	.021	.015	.011	.007	
8.0	.130	.084	.053	.112	.073	.046	.078	.051	.032	.045	.030	.019	.015	.010	.006	
9.0	.125	.079	.048	.108	.069	.042	.075	.048	.030	.043	.028	.018	.014	.009	.006	
10.0	.120	.075	.045	.103	.065	.039	.072	.046	.028	.042	.027	.016	.014	.009	.005	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:LXJ
Test Date:2024-12-03

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 50D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO030-61					TYPE:50D			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		19.9	21.0	20.2	21.2	21.5	19.8	20.9	20.1	21.1	21.3
3H		20.3	21.3	20.6	21.5	21.8	20.1	21.1	20.4	21.3	21.6
4H		20.3	21.3	20.7	21.5	21.8	20.1	21.1	20.5	21.3	21.6
6H		20.3	21.2	20.7	21.5	21.8	20.1	21.0	20.4	21.3	21.6
8H		20.3	21.1	20.6	21.4	21.7	20.1	20.9	20.4	21.2	21.5
12H		20.2	21.1	20.6	21.4	21.7	20.0	20.8	20.4	21.1	21.5
4H 2H		20.0	20.9	20.3	21.2	21.5	19.9	20.8	20.2	21.1	21.3
3H		20.4	21.2	20.8	21.6	21.9	20.3	21.1	20.6	21.4	21.7
4H		20.6	21.3	21.0	21.6	22.0	20.4	21.1	20.8	21.4	21.8
6H		20.6	21.2	21.0	21.6	22.0	20.4	21.0	20.8	21.4	21.8
8H		20.6	21.2	21.0	21.5	22.0	20.3	20.9	20.8	21.3	21.7
12H		20.5	21.1	21.0	21.5	21.9	20.3	20.8	20.7	21.2	21.7
8H 4H		20.5	21.1	20.9	21.5	21.9	20.3	20.9	20.8	21.3	21.7
6H		20.6	21.0	21.0	21.5	22.0	20.3	20.8	20.8	21.3	21.7
8H		20.5	21.0	21.0	21.4	21.9	20.3	20.7	20.8	21.2	21.7
12H		20.5	20.9	21.0	21.3	21.9	20.3	20.6	20.8	21.1	21.6
12H 4H		20.5	21.0	20.9	21.4	21.9	20.3	20.8	20.7	21.2	21.7
6H		20.5	20.9	21.0	21.4	21.9	20.3	20.7	20.8	21.2	21.7
8H		20.5	20.9	21.0	21.3	21.9	20.3	20.6	20.8	21.1	21.6
Variations with the observer position at spacings:											
S = 1.0H		+ 1.0 / - 1.5					+ 1.1 / - 1.6				
1.5H		+ 1.4 / - 1.0					+ 1.3 / - 1.0				
2.0H		+ 2.1 / - 1.7					+ 2.1 / - 1.7				

CIE Pub.117, 2065 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.5$)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:LXJ
Test Date:2024-12-03

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 50D 3000K CRI90 NA

UTILIZATION FACTORS TABLE

NAME: TLO030-61	TYPE:50D	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	76	68	63	76	68	63	75	67	63	58
0.80	85	77	72	84	77	72	83	76	72	67
1.00	91	84	79	90	83	79	88	83	78	73
1.25	96	90	85	95	89	85	93	87	84	78
1.50	100	94	89	98	93	89	96	91	87	82
2.00	104	99	94	102	97	94	99	95	92	85
2.50	106	101	98	104	100	97	101	97	94	87
3.00	108	104	101	106	102	99	102	99	97	89
4.00	111	107	105	109	106	103	104	102	100	92
5.00	113	110	107	110	107	105	106	104	102	93
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHR _{NOM} = 1.25										

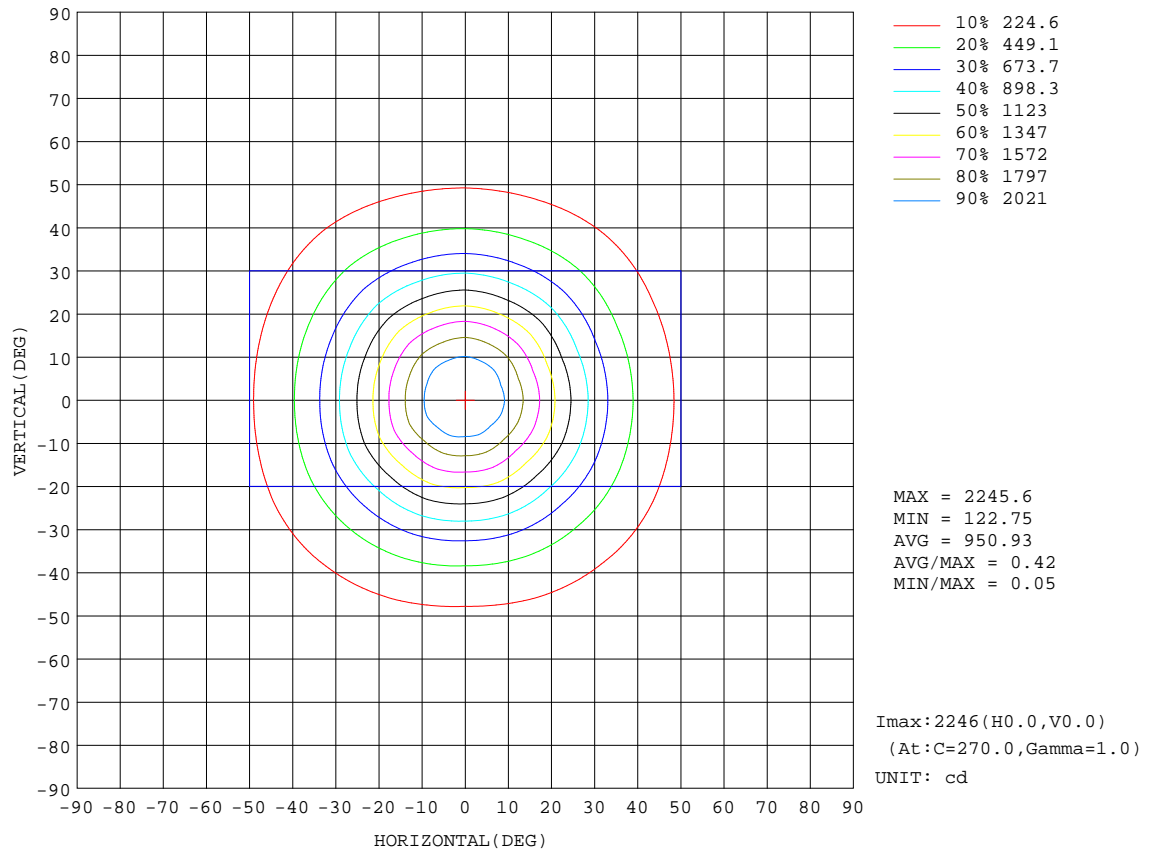
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ISOCANDELA DIAGRAM

NAME: TLO030-61	TYPE: 50D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:



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Test Date: 2024-12-03

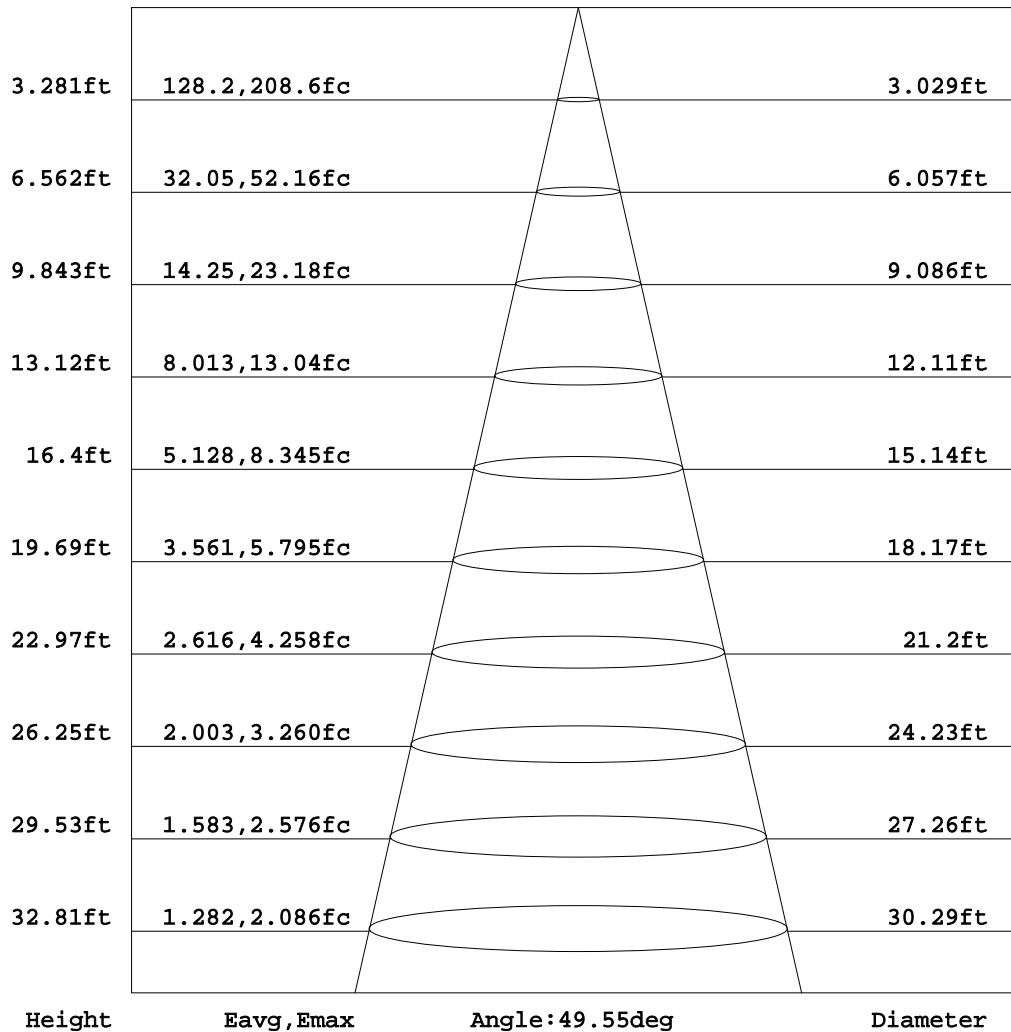
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AAI Figure

NAME: TLO030-61	TYPE:50D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:

Flux out:942.7 lm



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

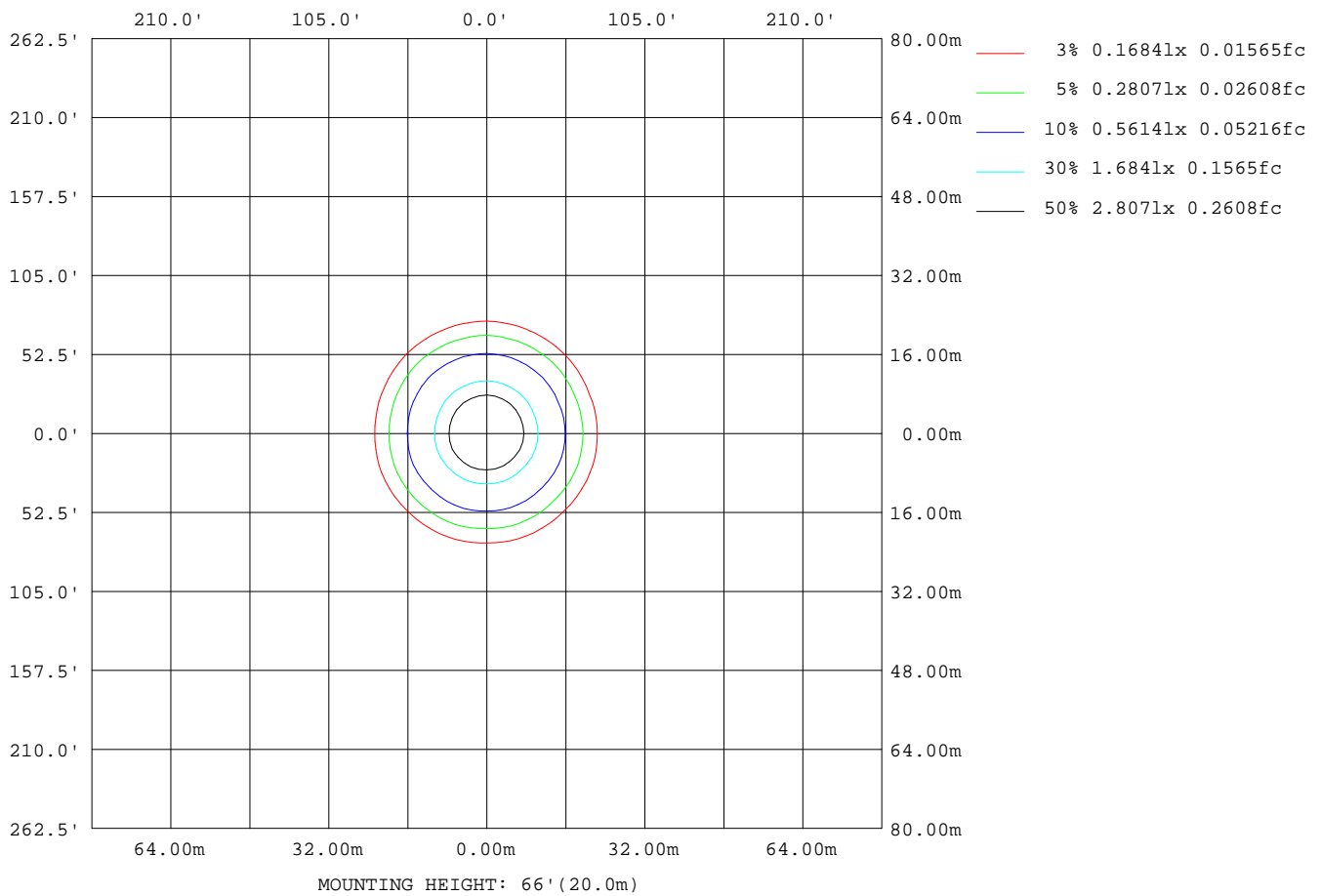
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TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 50D 3000K CRI90 NA

ISOLUX DIAGRAM

NAME: TLO030-61	TYPE: 50D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
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TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 50D 3000K CRI90 NA

LED Avg.L Report

NAME: TLO030-61	TYPE:50D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:

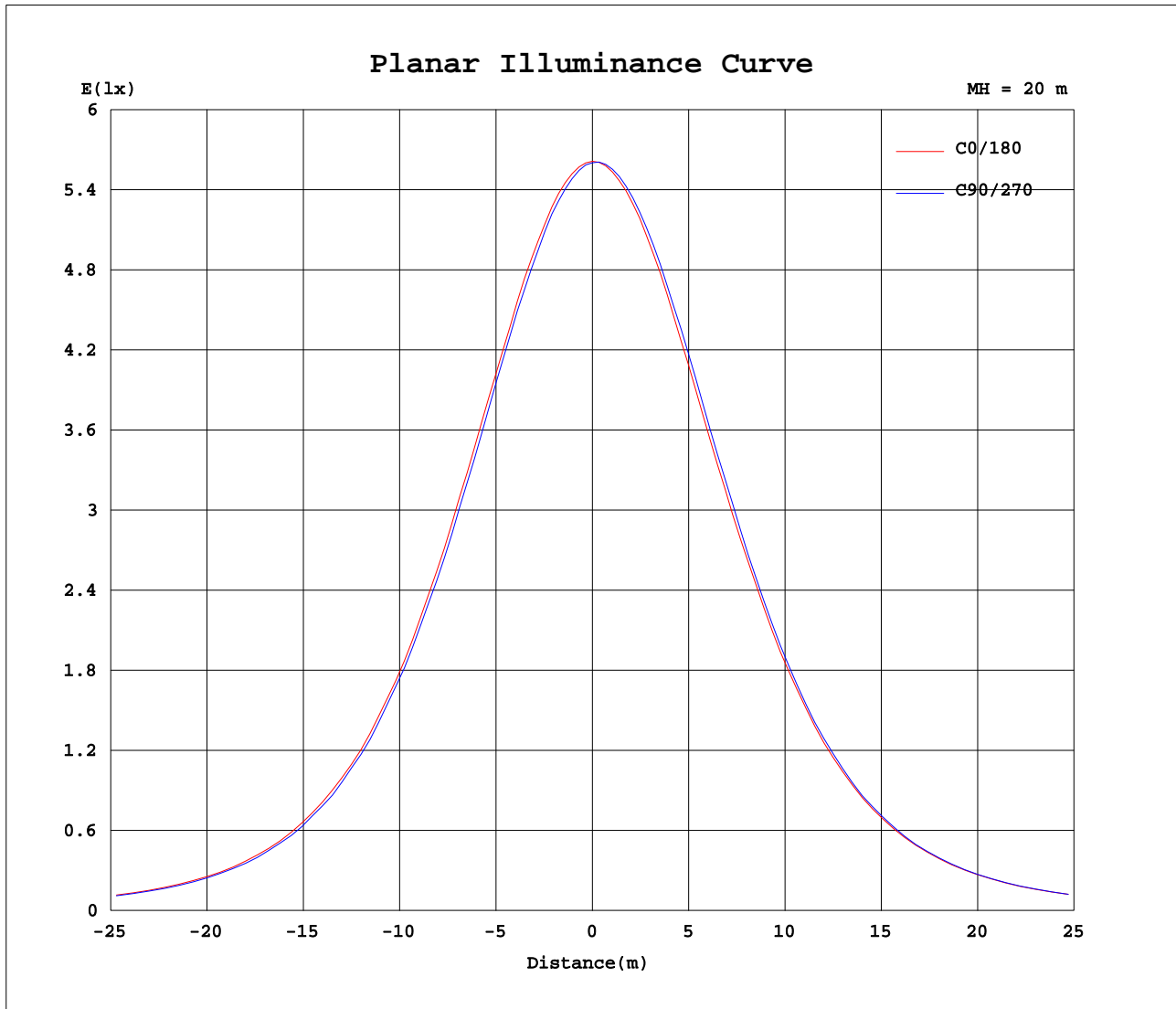
AvgL	cd/m2
L_0~180(65)av	19084
L_0~180(75)av	10900
L_0~180(85)av	1585
L_90~270(65)av	18776
L_90~270(75)av	10407
L_90~270(85)av	1506
L_45(65)av	18382
L_45(75)av	10797
L_45(85)av	1944

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:LXJ
Test Date:2024-12-03

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: 2024-12-03

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 50D 3000K CRI90 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO030-61	TYPE:50D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	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	2243	2243	2243	2243	2243	2243	2243	2243	2243	2243	2243	2243	2243	2243	2243	2243			
5	2171	2165	2152	2158	2154	2163	2167	2185	2179	2186	2200	2194	2198	2187	2182	2169			
10	1980	1972	1947	1959	1949	1971	1977	2006	1998	2006	2030	2022	2030	2009	2004	1975			
15	1708	1698	1669	1681	1676	1703	1706	1745	1732	1742	1775	1759	1774	1745	1739	1701			
20	1400	1395	1356	1376	1364	1401	1403	1448	1430	1439	1478	1455	1472	1437	1434	1389			
25	1090	1090	1053	1073	1062	1097	1097	1142	1127	1135	1171	1149	1157	1127	1126	1082			
30	815	813	785	799	789	821	822	860	850	857	886	868	870	844	845	807			
35	591	585	570	573	572	590	601	624	616	625	644	631	628	611	607	581			
40	415	411	399	405	402	415	423	440	436	442	455	444	442	429	424	407			
45	288	285	276	279	277	287	293	305	304	307	314	307	307	297	293	282			
50	200	197	191	193	193	198	202	210	210	212	217	211	212	205	201	195			
55	138	137	132	133	133	137	138	146	144	145	149	145	147	140	138	134			
60	95.3	94.0	89.8	91.3	90.7	93.7	93.5	99.5	99.2	99.0	101	99.2	101	95.8	93.5	91.6			
65	63.7	62.9	59.2	61.3	60.9	62.9	62.3	67.2	66.9	66.3	67.7	66.5	67.7	64.2	62.5	61.2			
70	40.7	40.0	37.0	38.7	37.9	39.9	39.9	43.2	42.0	42.4	43.3	42.5	42.7	40.8	39.7	38.9			
75	22.6	22.3	20.4	20.7	20.1	21.6	22.4	23.9	23.1	23.2	24.8	23.2	23.6	22.4	22.9	21.4			
80	9.57	9.57	7.48	8.56	7.86	9.15	8.33	10.7	9.49	10.0	9.88	9.78	9.84	9.83	9.04	9.12			
85	1.31	1.40	1.16	1.06	0.91	1.19	1.33	1.57	0.93	1.29	1.55	1.01	1.22	1.35	1.45	1.03			
90	0.90	0.93	0.93	0.94	0.93	0.92	0.90	0.89	0.79	0.76	0.76	0.75	0.77	0.76	0.79	0.79			
95	1.21	1.23	1.24	1.24	1.23	1.21	1.18	1.17	1.06	1.03	1.02	1.01	1.02	1.04	1.06	1.08			
100	1.64	1.66	1.69	1.67	1.67	1.63	1.60	1.57	1.45	1.41	1.38	1.39	1.40	1.43	1.45	1.50			
105	2.23	2.25	2.31	2.27	2.28	2.21	2.18	2.12	1.98	1.95	1.89	1.91	1.92	1.97	1.99	2.07			
110	3.05	3.06	3.15	3.08	3.11	3.00	2.97	2.88	2.70	2.67	2.58	2.62	2.62	2.70	2.73	2.85			
115	4.12	4.14	4.27	4.18	4.22	4.07	4.03	3.90	3.68	3.64	3.52	3.58	3.56	3.68	3.71	3.87			
120	5.47	5.54	5.66	5.60	5.62	5.46	5.39	5.25	4.98	4.90	4.76	4.82	4.82	4.95	5.01	5.20			
125	7.16	7.22	7.39	7.30	7.35	7.15	7.07	6.89	6.59	6.47	6.30	6.34	6.38	6.52	6.60	6.83			
130	9.15	9.20	9.41	9.29	9.35	9.13	9.05	8.84	8.50	8.37	8.14	8.22	8.25	8.38	8.49	8.76			
135	11.3	11.4	11.6	11.5	11.6	11.3	11.2	11.0	10.6	10.5	10.2	10.3	10.4	10.5	10.6	10.9			
140	13.6	13.6	13.8	13.8	14.0	13.7	13.5	13.3	12.9	12.8	12.5	12.6	12.6	12.7	12.8	13.1			
145	15.7	15.8	16.0	16.0	16.2	15.8	15.7	15.6	15.2	15.0	14.8	14.9	14.9	15.0	15.1	15.3			
150	17.6	17.7	17.9	17.9	18.0	17.8	17.7	17.6	17.2	17.0	16.9	16.9	17.0	17.0	17.0	17.2			
155	19.1	19.2	19.4	19.5	19.7	19.5	19.3	19.2	18.8	18.7	18.6	18.7	18.7	18.8	18.6	18.8			
160	20.1	20.1	20.4	20.6	20.8	20.5	20.4	20.3	20.0	19.9	19.9	20.1	20.1	20.0	19.8	19.9			
165	20.8	20.8	21.1	21.3	21.4	21.3	21.2	21.2	20.9	20.8	20.8	20.9	21.0	20.8	20.6	20.7			
170	21.4	21.3	21.4	21.6	21.7	21.6	21.7	21.8	21.5	21.6	21.5	21.4	21.5	21.4	21.3	21.3			
175	21.8	21.9	22.0	22.0	21.9	22.0	22.3	22.3	22.1	22.2	22.3	22.0	21.9	22.1	22.0	21.9			
180	22.4	22.4	22.5	22.3	22.3	22.3	22.5	22.4	22.4	22.3	22.5	22.3	22.3	22.3	22.5	22.4			

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