

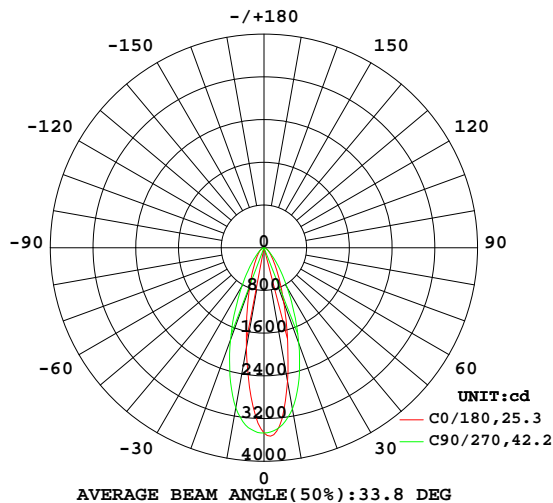
TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 34D 3000K CRI90 NA 12X45

LUMINAIRE PHOTOMETRIC TEST REPORT

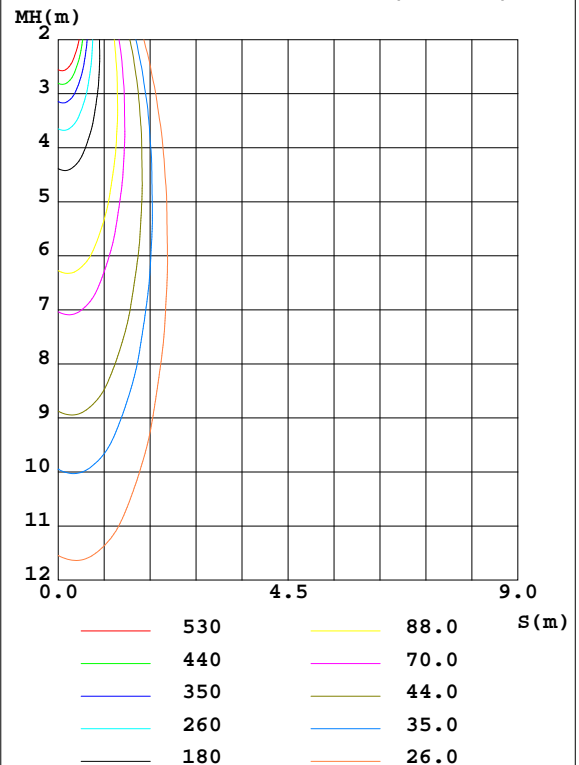
NAME: TLO025-61	TYPE: 34D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.10 lm/W			
MODEL		Imax(cd)	3542	S/MH(C0/180)	0.37
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	0.67
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1811.2	η UP,DN(C0-180)	1.2,50.5
NOMINAL FLUX(lm)	1811.2	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,47.1
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	97.6	CIBSE SHR MAX	0.55

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: 2024-12-07

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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 34D 3000K CRI90 NA 12X45

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	2539	2925	3068	2262	1906	2316	3043	2862	0- 10	287.6	287.6	15.9,15.9
20	1083	1460	1908	1034	792.6	1072	1835	1379	10- 20	528.1	815.7	45,45
30	469.2	623.3	878.4	459.9	361.2	466.4	828.1	568.5	20- 30	408.2	1224	67.6,67.6
40	231.4	279.1	355.4	225.3	190.3	222.9	327.8	254.7	30- 40	245.2	1469	81.1,81.1
50	129.8	141.9	150.3	120.2	111.1	118.4	141.9	130.4	40- 50	142.5	1612	89,89
60	74.70	75.93	75.72	64.58	61.70	62.87	70.40	70.31	50- 60	86.28	1698	93.7,93.7
70	35.67	35.25	34.02	28.74	27.07	27.29	31.96	32.55	60- 70	48.64	1747	96.4,96.4
80	10.13	8.715	7.919	5.838	4.844	5.483	7.157	8.095	70- 80	19.45	1766	97.5,97.5
90	0.6670	0.6633	0.7050	0.7189	0.6794	0.6734	0.6657	0.6020	80- 90	2.495	1768	97.6,97.6
100	1.044	1.079	1.188	1.168	1.130	1.147	1.166	1.011	90-100	0.9479	1769	97.7,97.7
110	1.675	1.837	2.221	2.039	1.852	2.025	2.184	1.738	100-110	1.569	1771	97.8,97.8
120	2.853	3.398	4.330	3.915	3.265	3.860	4.280	3.164	110-120	2.656	1774	97.9,97.9
130	5.367	6.567	7.995	7.625	6.471	7.553	7.923	6.195	120-130	4.568	1778	98.2,98.2
140	10.69	11.68	12.79	13.05	12.55	12.89	12.69	11.30	130-140	7.261	1785	98.6,98.6
150	17.25	17.05	17.16	18.19	18.70	17.96	17.05	16.85	140-150	9.339	1795	99.1,99.1
160	20.85	20.02	19.52	20.66	21.34	20.38	19.33	19.82	150-160	8.829	1804	99.6,99.6
170	20.39	19.35	19.33	19.86	20.02	19.74	19.19	19.24	160-170	5.719	1809	99.9,99.9
180	18.90	19.37	19.29	19.37	18.89	19.36	19.28	19.36	170-180	1.844	1811	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

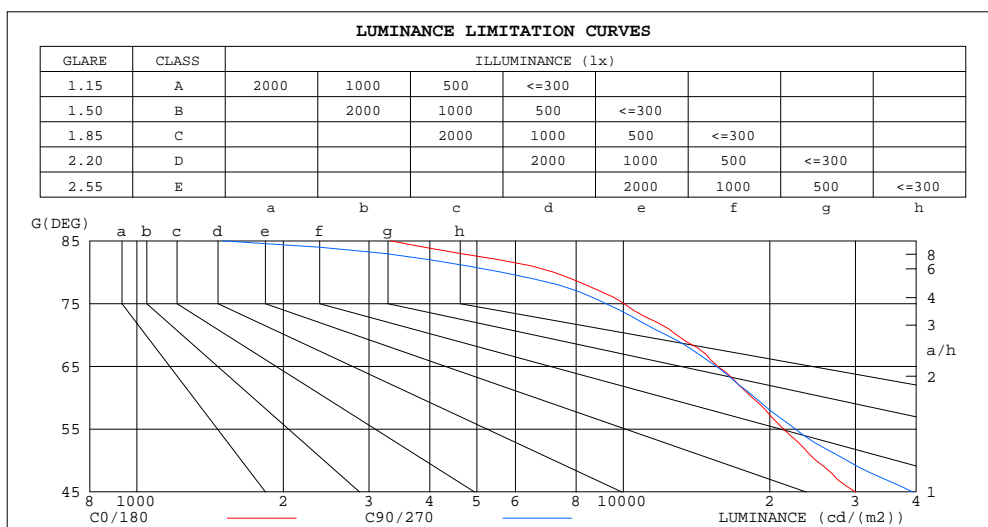
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:28DEG
 Operators:LXJ
 Test Date:2024-12-07

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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 34D 3000K CRI90 NA 12X45

LUMINANCE LIMITATION CURVES

NAME: TLO025-61	TYPE: 34D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3321	1501
80	7192	5619
75	10028	9211
70	12859	12254
65	15625	15524
60	18417	18657
55	21353	22577
50	24885	28803
45	29993	39362

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: LXJ
Test Date: 2024-12-07

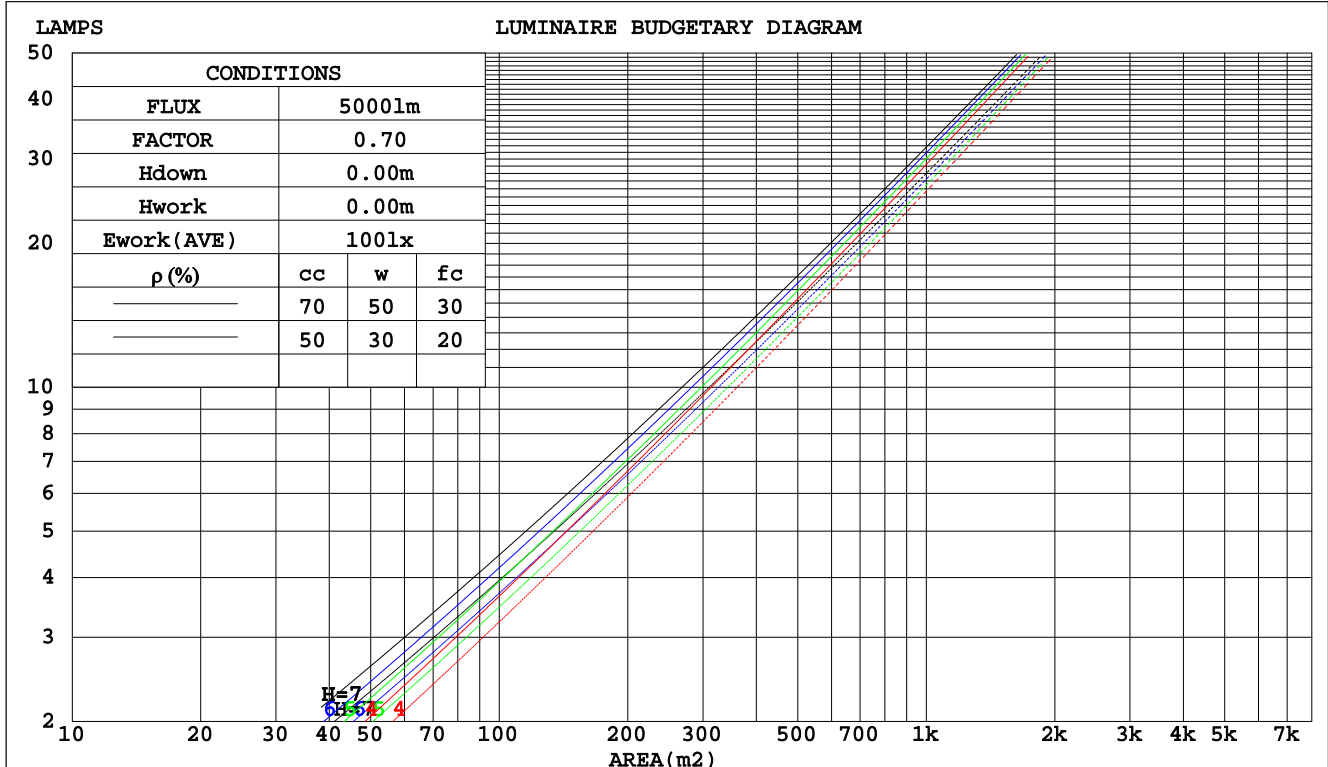
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Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 34D 3000K CRI90 NA 12X45

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO025-61	TYPE: 34D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	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	1.04	1.07	1.05	1.03	1.03	1.01	.99	.98	.97	.96	.95	.94	.92	.90
2.0	1.01	.97	.93	.99	.95	.92	.96	.93	.90	.92	.90	.87	.89	.87	.85	.84
3.0	.94	.89	.85	.92	.88	.84	.90	.85	.82	.87	.83	.81	.84	.81	.79	.77
4.0	.88	.82	.78	.86	.81	.77	.84	.79	.76	.82	.78	.75	.80	.76	.74	.72
5.0	.82	.76	.72	.81	.76	.71	.79	.74	.71	.77	.73	.70	.75	.72	.69	.67
6.0	.77	.71	.67	.76	.71	.67	.75	.70	.66	.73	.69	.65	.71	.68	.65	.63
7.0	.73	.67	.63	.72	.66	.62	.71	.66	.62	.69	.65	.61	.68	.64	.61	.59
8.0	.69	.63	.59	.68	.63	.59	.67	.62	.58	.66	.61	.58	.65	.61	.58	.56
9.0	.66	.60	.56	.65	.59	.56	.64	.59	.55	.63	.58	.55	.62	.58	.55	.53
10.0	.62	.57	.53	.62	.57	.53	.61	.56	.53	.60	.56	.52	.59	.55	.52	.51



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: LXJ
Test Date: 2024-12-07

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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 34D 3000K CRI90 NA 12X45

WEC AND CCEC

NAME: TLO025-61	TYPE: 34D	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	.191	.109	.034	.183	.105	.033	.169	.097	.031	.157	.090	.029	.145	.084	.027		
2.0	.182	.100	.031	.176	.097	.030	.164	.091	.028	.153	.086	.027	.143	.081	.025		
3.0	.172	.092	.027	.167	.089	.027	.156	.085	.026	.147	.080	.025	.138	.076	.024		
4.0	.162	.084	.025	.157	.082	.024	.148	.079	.023	.140	.075	.023	.132	.072	.022		
5.0	.153	.078	.023	.149	.076	.022	.141	.073	.022	.133	.070	.021	.127	.068	.020		
6.0	.145	.072	.021	.141	.071	.020	.134	.069	.020	.127	.066	.019	.121	.064	.019		
7.0	.137	.068	.019	.134	.067	.019	.127	.064	.019	.122	.062	.018	.116	.060	.018		
8.0	.130	.064	.018	.127	.063	.018	.121	.061	.017	.116	.059	.017	.111	.057	.017		
9.0	.124	.060	.017	.121	.059	.017	.116	.057	.016	.111	.056	.016	.107	.054	.016		
10.0	.118	.057	.016	.116	.056	.016	.111	.054	.015	.107	.053	.015	.103	.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	.163	.150	.139	.111	.104	.096	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.130	.151	.130	.112	.103	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.164	.132	.107	.141	.114	.092	.096	.079	.065	.056	.046	.038	.018	.015	.013	
4.0	.154	.117	.090	.132	.102	.078	.091	.071	.055	.053	.041	.032	.017	.013	.011	
5.0	.145	.106	.077	.125	.092	.067	.086	.064	.047	.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	.107	.072	.047	.074	.051	.034	.043	.030	.020	.014	.010	.007	
9.0	.119	.078	.050	.103	.068	.043	.071	.047	.031	.041	.028	.018	.013	.009	.006	
10.0	.114	.073	.046	.099	.064	.040	.068	.045	.029	.040	.026	.017	.013	.009	.006	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: LXJ
Test Date: 2024-12-07

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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 34D 3000K CRI90 NA 12X45

UGR(Unified Glare Rating) Table

NAME: TLO025-61					TYPE:34D			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		18.3	19.3	18.6	19.5	19.7	19.5	20.5	19.8	20.7	20.9
	3H	18.9	19.8	19.2	20.1	20.3	19.9	20.8	20.2	21.0	21.3
	4H	19.1	20.0	19.4	20.2	20.5	20.0	20.8	20.3	21.1	21.3
	6H	19.2	20.0	19.5	20.3	20.6	20.0	20.8	20.3	21.0	21.3
	8H	19.2	19.9	19.5	20.2	20.5	19.9	20.7	20.3	21.0	21.3
	12H	19.1	19.9	19.5	20.2	20.5	19.9	20.6	20.3	20.9	21.3
4H	2H	18.6	19.4	18.9	19.7	20.0	19.6	20.4	19.9	20.7	21.0
	3H	19.3	20.1	19.7	20.4	20.7	20.1	20.8	20.5	21.2	21.5
	4H	19.6	20.3	20.0	20.6	21.0	20.3	20.9	20.7	21.3	21.6
	6H	19.7	20.3	20.1	20.7	21.1	20.3	20.9	20.7	21.3	21.7
	8H	19.7	20.3	20.1	20.7	21.1	20.3	20.8	20.7	21.2	21.6
	12H	19.7	20.2	20.1	20.6	21.0	20.2	20.7	20.7	21.1	21.6
8H	4H	19.6	20.2	20.0	20.5	21.0	20.3	20.8	20.7	21.2	21.6
	6H	19.8	20.2	20.2	20.7	21.1	20.3	20.8	20.8	21.2	21.7
	8H	19.8	20.2	20.3	20.7	21.1	20.3	20.7	20.8	21.2	21.7
	12H	19.8	20.1	20.3	20.6	21.1	20.3	20.6	20.8	21.1	21.6
12H	4H	19.6	20.1	20.0	20.5	20.9	20.2	20.7	20.7	21.1	21.6
	6H	19.7	20.1	20.2	20.6	21.1	20.3	20.7	20.8	21.2	21.6
	8H	19.8	20.1	20.3	20.6	21.1	20.3	20.6	20.8	21.1	21.6
Variations with the observer position at spacings:											
S = 1.0H		+ 0.7 / - 0.9					+ 1.2 / - 1.5				
1.5H		+ 0.6 / - 0.6					+ 2.0 / - 1.1				
2.0H		+ 1.0 / - 0.8					+ 1.9 / - 1.2				

CIE Pub.117, 1811 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:2024-12-07

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

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 34D 3000K CRI90 NA 12X45

UTILIZATION FACTORS TABLE

NAME: TLO025-61	TYPE: 34D	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	80	72	68	79	72	68	78	71	67	63
0.80	88	81	76	87	80	76	86	80	76	71
1.00	93	87	82	92	86	82	90	86	81	76
1.25	98	92	88	97	91	87	95	90	86	81
1.50	101	96	92	100	95	91	97	93	90	84
2.00	105	100	96	103	99	95	100	96	93	87
2.50	107	103	99	105	101	98	102	98	96	89
3.00	109	105	102	107	103	101	103	100	98	91
4.00	112	108	106	109	106	104	105	103	101	93
5.00	113	110	108	111	108	106	106	104	103	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHR _{NOM} = 1.25		

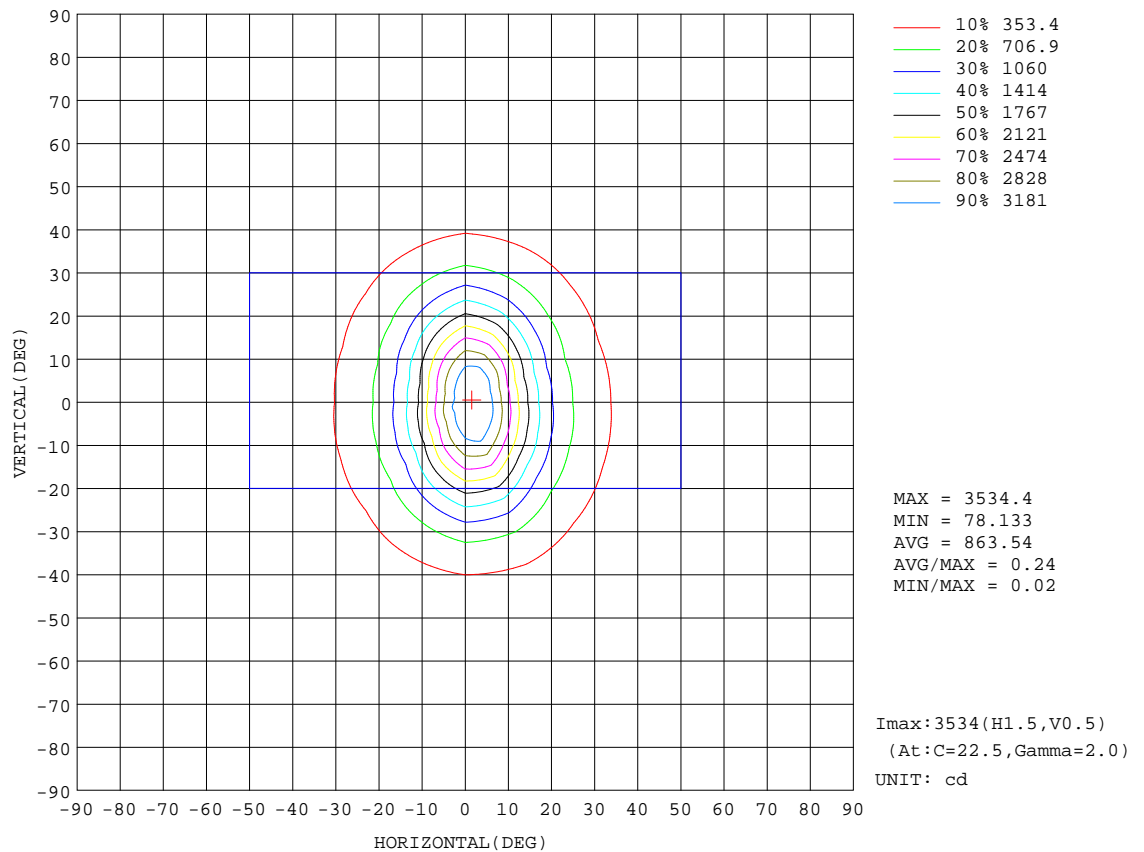
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ISOCANDELA DIAGRAM

NAME: TLO025-61	TYPE: 34D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:



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Test Speed: HIGH
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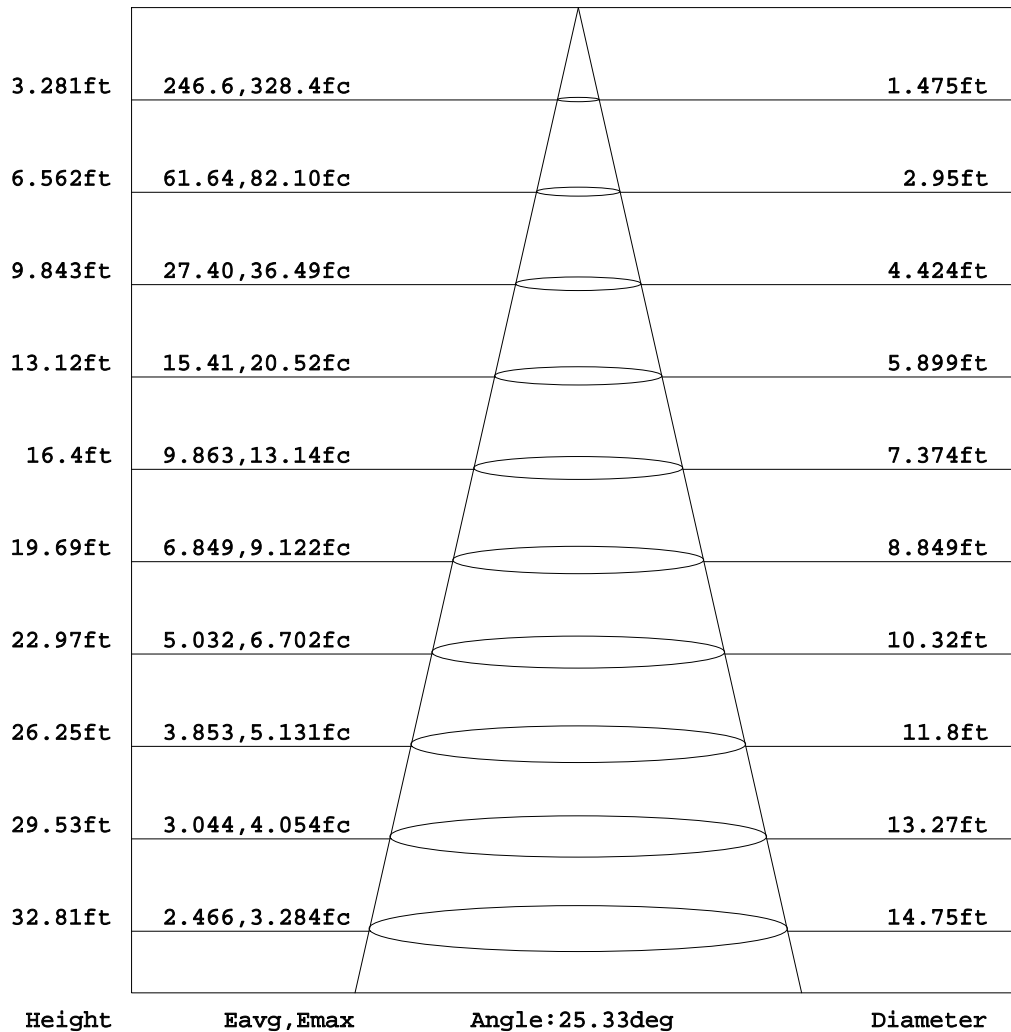
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 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
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Remarks:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 34D 3000K CRI90 NA 12X45

AAI Figure

NAME: TLO025-61	TYPE: 34D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:

Flux out: 444.4 lm



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

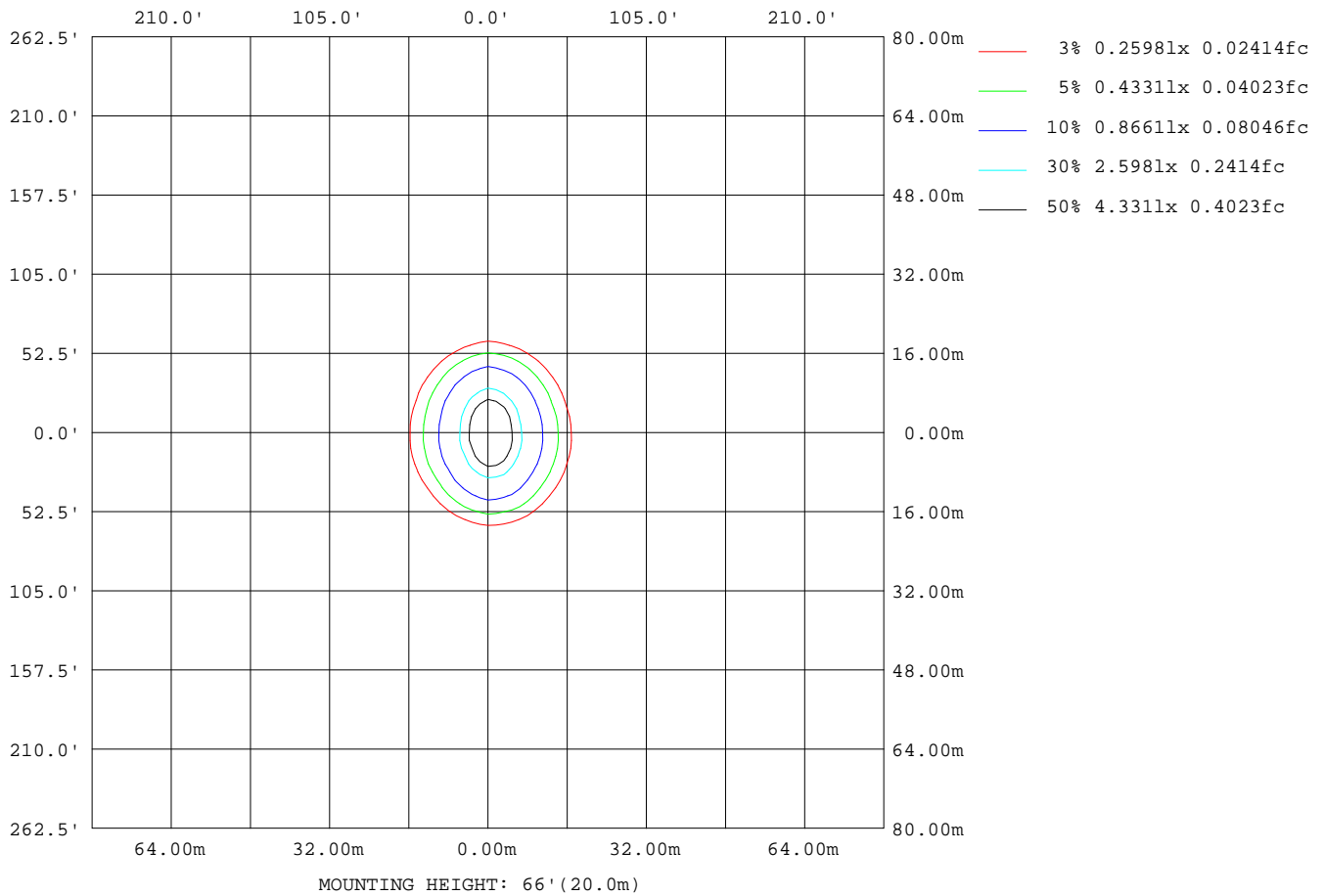
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ISOLUX DIAGRAM

NAME: TLO025-61	TYPE: 34D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:



C Range: 0 - 360DEG
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Remarks:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 34D 3000K CRI90 NA 12X45

LED Avg.L Report

NAME: TLO025-61	TYPE:34D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:

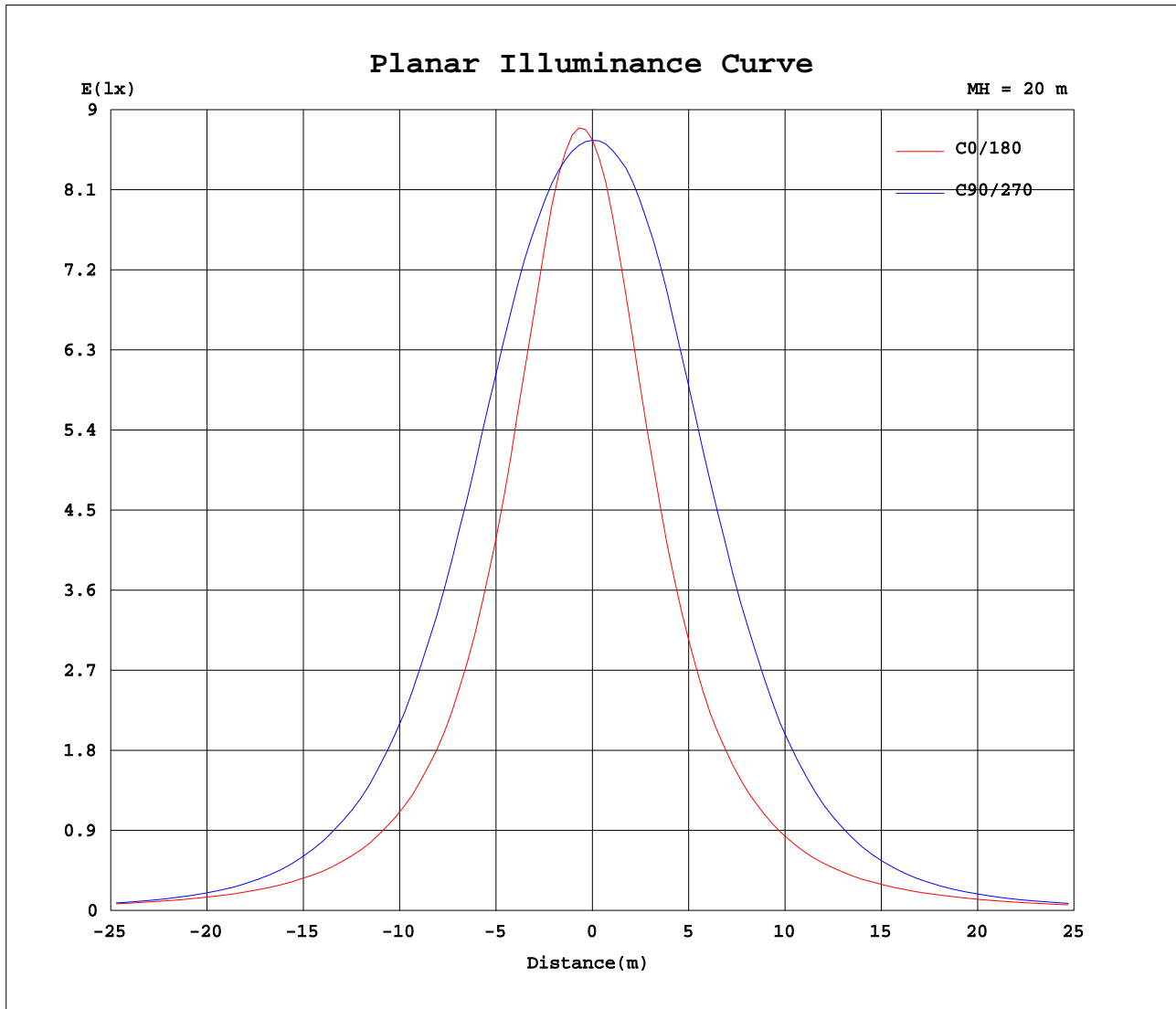
AvgL	cd/m2
L_0~180(65)av	14058
L_0~180(75)av	8439
L_0~180(85)av	2054
L_90~270(65)av	14934
L_90~270(75)av	8849
L_90~270(85)av	1328
L_45(65)av	13862
L_45(75)av	8465
L_45(85)av	1750

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:LXJ
Test Date:2024-12-07

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: 2024-12-07

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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 34D 3000K CRI90 NA 12X45

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO025-61	TYPE: 34D	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	3469	3469	3469	3469	3469	3469	3469	3469	3469	3469	3469	3469	3469	3469	3469	3469			
5	3349	3409	3437	3471	3373	3206	2995	2883	2800	2840	3018	3207	3383	3441	3426	3323			
10	2539	2704	2925	3173	3068	2716	2262	2035	1906	1989	2316	2703	3043	3053	2862	2551			
15	1696	1867	2162	2593	2540	2094	1572	1335	1224	1291	1622	2061	2469	2389	2071	1711			
20	1083	1219	1460	1902	1908	1487	1034	869	793	838	1072	1459	1835	1697	1379	1096			
25	702	787	950	1301	1333	1002	694	578	528	559	701	980	1268	1126	883	706			
30	469	519	623	850	878	659	460	392	361	380	466	643	828	721	568	466			
35	322	351	409	542	567	431	316	275	257	268	318	417	522	460	374	318			
40	231	248	279	347	355	287	225	201	190	196	223	273	328	295	255	225			
45	172	182	196	226	226	194	163	151	145	147	161	183	211	196	180	166			
50	130	136	142	153	150	137	120	114	111	112	118	128	142	136	130	125			
55	99.3	103	104	107	105	97.4	89.6	86.4	84.5	84.2	87.5	91.5	98.8	96.5	96.3	94.5			
60	74.7	76.6	75.9	77.4	75.7	70.6	64.6	63.4	61.7	60.9	62.9	65.5	70.4	69.6	70.3	70.1			
65	53.6	55.1	53.2	54.7	53.3	49.7	44.3	44.4	42.7	41.9	43.0	45.3	49.0	48.5	49.4	49.9			
70	35.7	37.2	35.3	36.0	34.0	32.2	28.7	28.8	27.1	26.6	27.3	29.1	32.0	31.8	32.5	33.2			
75	21.1	21.8	20.7	20.6	19.4	18.0	16.0	15.8	14.3	14.0	15.2	15.9	17.8	18.1	19.1	19.0			
80	10.1	10.7	8.71	9.43	7.92	7.58	5.84	6.19	4.84	4.96	5.48	6.14	7.16	7.82	8.09	8.89			
85	2.35	2.37	1.81	1.67	1.06	0.99	0.83	0.70	0.55	0.56	0.69	0.63	0.81	1.07	1.61	1.62			
90	0.67	0.68	0.66	0.69	0.71	0.72	0.72	0.74	0.68	0.66	0.67	0.66	0.67	0.62	0.60	0.57			
95	0.82	0.84	0.84	0.88	0.90	0.91	0.91	0.92	0.88	0.87	0.88	0.87	0.87	0.81	0.78	0.74			
100	1.04	1.06	1.08	1.14	1.19	1.19	1.17	1.16	1.13	1.13	1.15	1.18	1.17	1.08	1.01	0.96			
105	1.32	1.34	1.40	1.51	1.61	1.58	1.53	1.49	1.44	1.47	1.51	1.61	1.58	1.46	1.32	1.25			
110	1.68	1.71	1.84	2.04	2.22	2.15	2.04	1.92	1.85	1.92	2.02	2.22	2.18	1.99	1.74	1.62			
115	2.16	2.21	2.47	2.81	3.11	2.99	2.80	2.54	2.43	2.57	2.77	3.12	3.06	2.75	2.31	2.11			
120	2.85	2.94	3.40	3.91	4.33	4.20	3.92	3.45	3.27	3.51	3.86	4.37	4.28	3.85	3.16	2.81			
125	3.86	4.02	4.72	5.43	5.95	5.83	5.51	4.86	4.55	4.93	5.45	6.04	5.91	5.35	4.43	3.85			
130	5.37	5.64	6.57	7.38	7.99	7.90	7.62	6.87	6.47	6.99	7.55	8.14	7.92	7.30	6.19	5.39			
135	7.68	7.95	8.93	9.72	10.3	10.3	10.2	9.62	9.19	9.70	10.1	10.5	10.2	9.62	8.52	7.60			
140	10.7	10.9	11.7	12.3	12.8	12.9	13.1	12.8	12.6	12.9	12.9	13.1	12.7	12.2	11.3	10.5			
145	14.1	14.1	14.5	14.7	15.1	15.3	15.8	15.9	15.9	16.0	15.6	15.5	15.1	14.7	14.2	13.8			
150	17.2	17.1	17.0	16.9	17.2	17.5	18.2	18.6	18.7	18.7	18.0	17.5	17.1	17.0	16.9	16.8			
155	19.6	19.3	19.0	18.6	18.7	19.0	19.9	20.3	20.6	20.4	19.6	19.0	18.5	18.6	18.8	19.1			
160	20.8	20.5	20.0	19.6	19.5	19.9	20.7	21.1	21.3	21.1	20.4	19.8	19.3	19.4	19.8	20.3			
165	21.1	20.7	20.0	19.7	19.8	20.0	20.5	21.0	21.1	21.0	20.2	19.8	19.5	19.4	19.8	20.5			
170	20.4	19.9	19.3	19.3	19.3	19.5	19.9	20.1	20.0	20.3	19.7	19.4	19.2	19.2	19.2	19.6			
175	19.3	19.0	19.1	19.1	19.0	19.2	19.5	19.2	19.0	19.5	19.6	19.3	19.1	19.2	19.1	18.7			
180	18.9	19.0	19.4	19.3	19.3	19.2	19.4	18.7	18.9	19.0	19.4	19.3	19.3	19.2	19.4	18.7			

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