

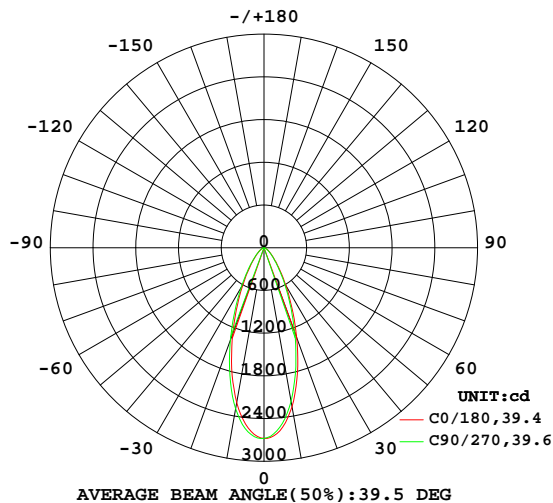
TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

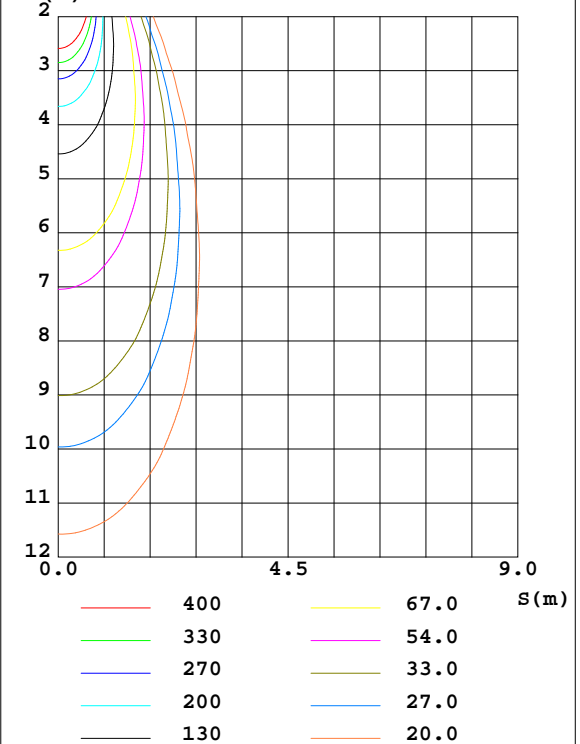
NAME: TLO020-61	TYPE: 40D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 90.62 lm/W			
MODEL		Imax(cd)	2681	S/MH(C0/180)	0.62
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.65
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1693.2	η UP,DN(C0-180)	1.2,48.1
NOMINAL FLUX(lm)	1693.18	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.1,49.5
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	97.6	CIBSE SHR MAX	0.70

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:

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 40D 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	2268	2213	2191	2195	2210	2270	2297	2286	0- 10	234.2	234.2	13.8,13.8
20	1346	1286	1261	1265	1284	1351	1381	1366	10- 20	491.7	725.9	42.9,42.9
30	622.6	589.5	571.4	579.1	584.2	622.3	639.1	630.1	20- 30	419.3	1145	67.6,67.6
40	262.4	248.9	240.8	246.4	246.4	263.9	268.6	265.6	30- 40	250.2	1395	82.4,82.4
50	117.5	112.3	111.1	111.6	112.8	118.6	119.7	118.6	40- 50	133.7	1529	90.3,90.3
60	55.85	52.68	52.74	52.21	53.60	55.17	56.78	55.70	50- 60	72.11	1601	94.6,94.6
70	23.67	22.26	21.93	21.78	21.71	23.33	24.00	23.63	60- 70	36.59	1638	96.7,96.7
80	5.596	4.799	4.692	4.453	4.274	4.748	5.471	5.171	70- 80	13.69	1652	97.5,97.5
90	0.5812	0.5884	0.6026	0.5955	0.5347	0.5159	0.5160	0.5112	80- 90	1.660	1653	97.6,97.6
100	0.9716	1.005	1.024	1.012	0.9305	0.8906	0.8860	0.8836	90-100	0.7963	1654	97.7,97.7
110	1.821	1.885	1.925	1.901	1.739	1.659	1.635	1.645	100-110	1.382	1655	97.8,97.8
120	3.573	3.734	3.826	3.769	3.437	3.280	3.228	3.240	110-120	2.506	1658	97.9,97.9
130	6.811	7.137	7.292	7.215	6.714	6.421	6.328	6.335	120-130	4.454	1662	98.2,98.2
140	11.58	11.82	12.08	11.97	11.45	11.03	10.92	10.90	130-140	6.944	1669	98.6,98.6
150	16.18	16.38	16.64	16.60	16.15	15.82	15.70	15.60	140-150	8.663	1678	99.1,99.1
160	18.49	18.70	19.10	19.01	18.67	18.62	18.73	18.29	150-160	8.131	1686	99.6,99.6
170	18.63	18.56	18.91	18.92	18.89	18.91	18.85	18.59	160-170	5.350	1691	99.9,99.9
180	18.78	18.93	18.67	18.98	18.80	18.95	18.68	18.99	170-180	1.787	1693	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

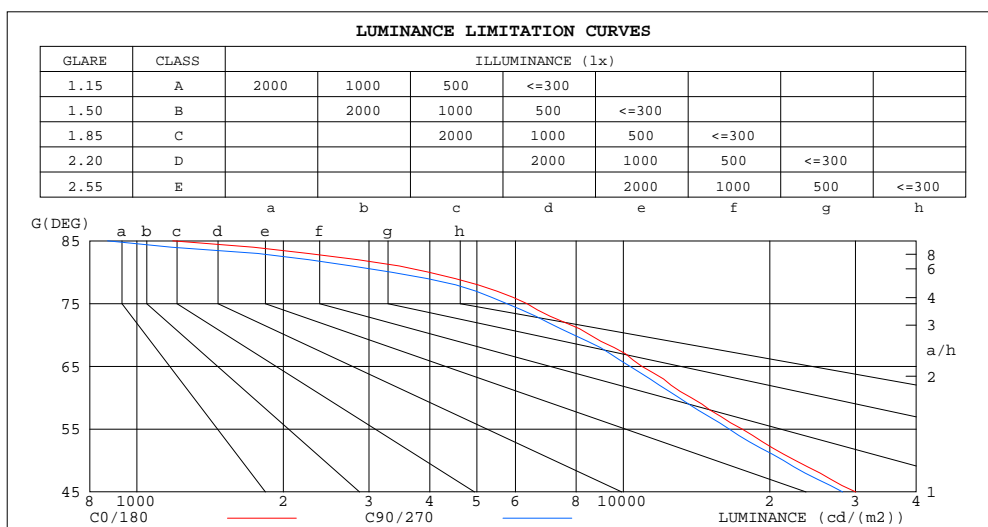
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:28DEG
 Operators:LXJ
 Test Date:2024-12-07

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

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

LUMINANCE LIMITATION CURVES

NAME: TLO020-61	TYPE:40D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1185	870
80	3979	3335
75	6331	5756
70	8544	7914
65	10911	10316
60	13792	13020
55	17545	16503
50	22561	21329
45	30055	28249

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

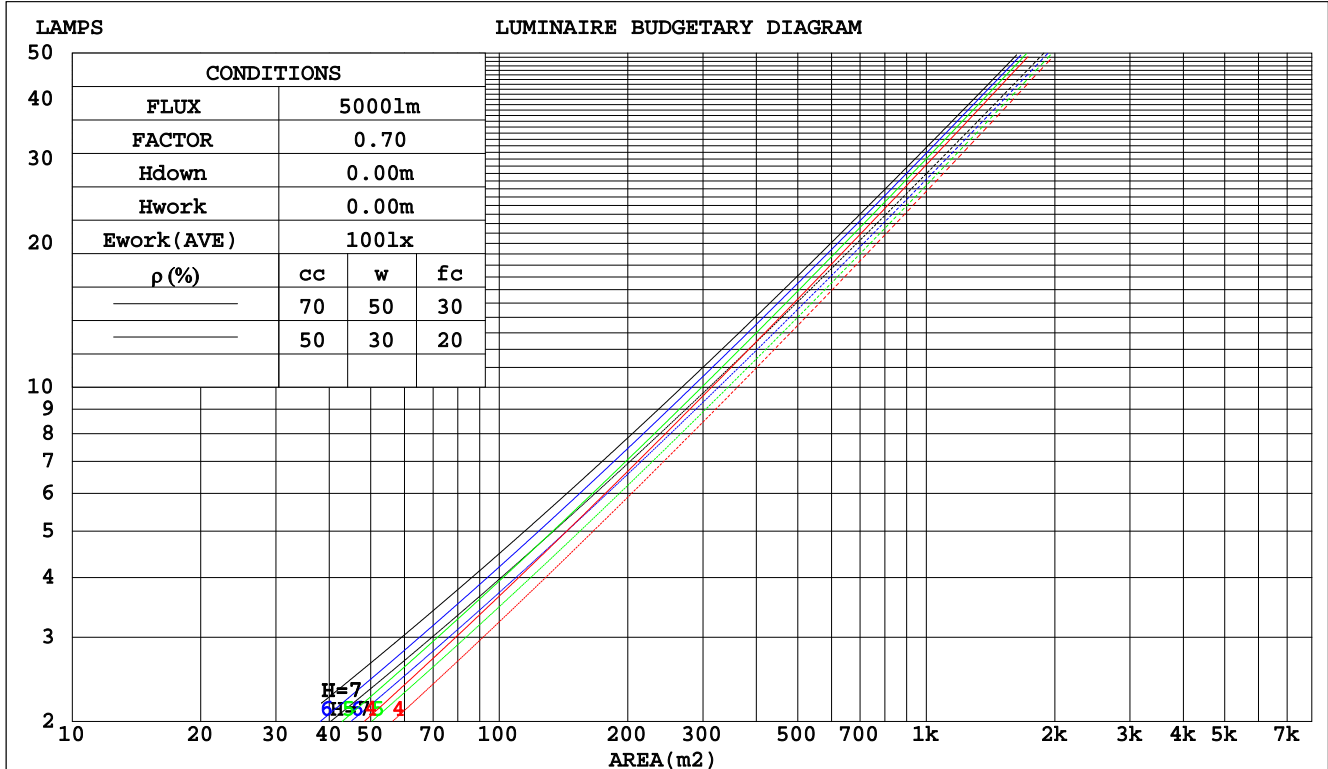
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO020-61	TYPE:40D	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	1.10	1.07	1.05	1.07	1.05	1.03	1.03	1.01	.99	.99	.97	.96	.95	.94	.93	.91
2.0	1.01	.97	.94	.99	.96	.92	.96	.93	.90	.92	.90	.88	.89	.87	.85	.84
3.0	.94	.89	.85	.93	.88	.84	.90	.86	.82	.87	.84	.81	.84	.82	.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	.75	.71	.79	.74	.70	.77	.73	.70	.75	.72	.69	.67
6.0	.77	.71	.67	.76	.70	.66	.74	.69	.66	.73	.68	.65	.71	.67	.64	.63
7.0	.73	.67	.62	.72	.66	.62	.70	.65	.62	.69	.64	.61	.68	.64	.61	.59
8.0	.69	.63	.58	.68	.62	.58	.67	.62	.58	.65	.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	.62	.56	.52	.61	.56	.52	.60	.55	.52	.59	.55	.52	.59	.54	.51	.50



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:

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

WEC AND CCEC

NAME: TLO020-61	TYPE:40D	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	.189	.108	.034	.182	.104	.033	.168	.096	.031	.155	.089	.029	.143	.083	.027		
2.0	.181	.099	.030	.175	.096	.030	.163	.090	.028	.152	.085	.027	.142	.080	.025		
3.0	.171	.091	.027	.166	.089	.027	.156	.084	.026	.146	.080	.025	.137	.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	.077	.022	.141	.073	.022	.134	.071	.021	.127	.068	.020		
6.0	.145	.073	.021	.141	.071	.021	.134	.069	.020	.128	.066	.020	.122	.064	.019		
7.0	.138	.068	.019	.135	.067	.019	.128	.065	.019	.122	.063	.018	.117	.061	.018		
8.0	.131	.064	.018	.128	.063	.018	.122	.061	.017	.117	.059	.017	.112	.058	.017		
9.0	.125	.060	.017	.122	.060	.017	.117	.058	.016	.112	.056	.016	.108	.055	.016		
10.0	.119	.057	.016	.117	.056	.016	.112	.055	.015	.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	.163	.151	.139	.111	.104	.096	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.130	.151	.130	.112	.103	.090	.078	.059	.052	.046	.019	.017	.015	
3.0	.164	.132	.107	.140	.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	.138	.097	.068	.118	.084	.059	.082	.059	.042	.047	.035	.025	.015	.011	.008	
7.0	.131	.089	.060	.113	.077	.052	.078	.054	.037	.045	.032	.022	.015	.010	.007	
8.0	.125	.083	.054	.108	.072	.047	.075	.051	.034	.043	.030	.020	.014	.010	.007	
9.0	.120	.078	.050	.103	.068	.043	.071	.048	.031	.042	.028	.018	.013	.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:2024-12-07

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:

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO020-61					TYPE:40D			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		18.0	19.0	18.3	19.2	19.4	17.7	18.7	18.0	18.9	19.1
	3H	18.3	19.2	18.6	19.4	19.7	18.0	18.9	18.3	19.1	19.4
	4H	18.3	19.2	18.7	19.4	19.7	18.0	18.9	18.4	19.1	19.4
	6H	18.3	19.1	18.7	19.4	19.7	18.0	18.8	18.4	19.1	19.4
	8H	18.3	19.1	18.6	19.4	19.7	18.0	18.7	18.3	19.0	19.3
	12H	18.2	19.0	18.6	19.3	19.6	17.9	18.7	18.3	19.0	19.3
4H	2H	18.0	18.9	18.4	19.1	19.4	17.8	18.6	18.1	18.9	19.2
	3H	18.4	19.2	18.8	19.5	19.8	18.2	18.9	18.5	19.2	19.5
	4H	18.5	19.2	18.9	19.5	19.9	18.3	18.9	18.6	19.3	19.6
	6H	18.6	19.1	19.0	19.5	19.9	18.3	18.8	18.7	19.2	19.6
	8H	18.5	19.1	19.0	19.5	19.9	18.2	18.8	18.7	19.2	19.6
	12H	18.5	19.0	18.9	19.4	19.8	18.2	18.7	18.6	19.1	19.5
8H	4H	18.5	19.0	18.9	19.4	19.8	18.2	18.8	18.6	19.1	19.6
	6H	18.5	19.0	19.0	19.4	19.9	18.2	18.7	18.7	19.1	19.6
	8H	18.5	18.9	19.0	19.3	19.8	18.2	18.6	18.7	19.1	19.5
	12H	18.4	18.8	19.0	19.3	19.8	18.2	18.5	18.7	19.0	19.5
12H	4H	18.4	18.9	18.9	19.3	19.8	18.2	18.7	18.6	19.1	19.5
	6H	18.5	18.9	19.0	19.3	19.8	18.2	18.6	18.7	19.0	19.5
	8H	18.5	18.8	19.0	19.3	19.8	18.2	18.5	18.7	19.0	19.5
Variations with the observer position at spacings:											
S = 1.0H	+ 1.2 / - 1.7					+ 1.1 / - 1.7					
1.5H	+ 1.9 / - 1.2					+ 1.6 / - 1.1					
2.0H	+ 2.1 / - 1.7					+ 2.1 / - 1.7					

CIE Pub.117, 1693 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 1.8$)

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:

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

UTILIZATION FACTORS TABLE

NAME: TLO020-61	TYPE:40D	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	81	73	69	80	73	69	79	72	68	64
0.80	89	82	77	88	81	77	86	80	77	72
1.00	94	87	83	93	87	83	91	87	82	77
1.25	99	93	88	98	92	88	95	90	87	82
1.50	102	96	92	101	95	92	98	94	90	85
2.00	106	101	97	104	99	96	101	97	94	88
2.50	108	103	100	106	102	99	102	99	96	89
3.00	110	106	102	107	104	101	104	101	99	91
4.00	112	109	106	110	107	104	105	103	101	93
5.00	113	111	108	111	109	107	106	105	103	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNM = 1.25		

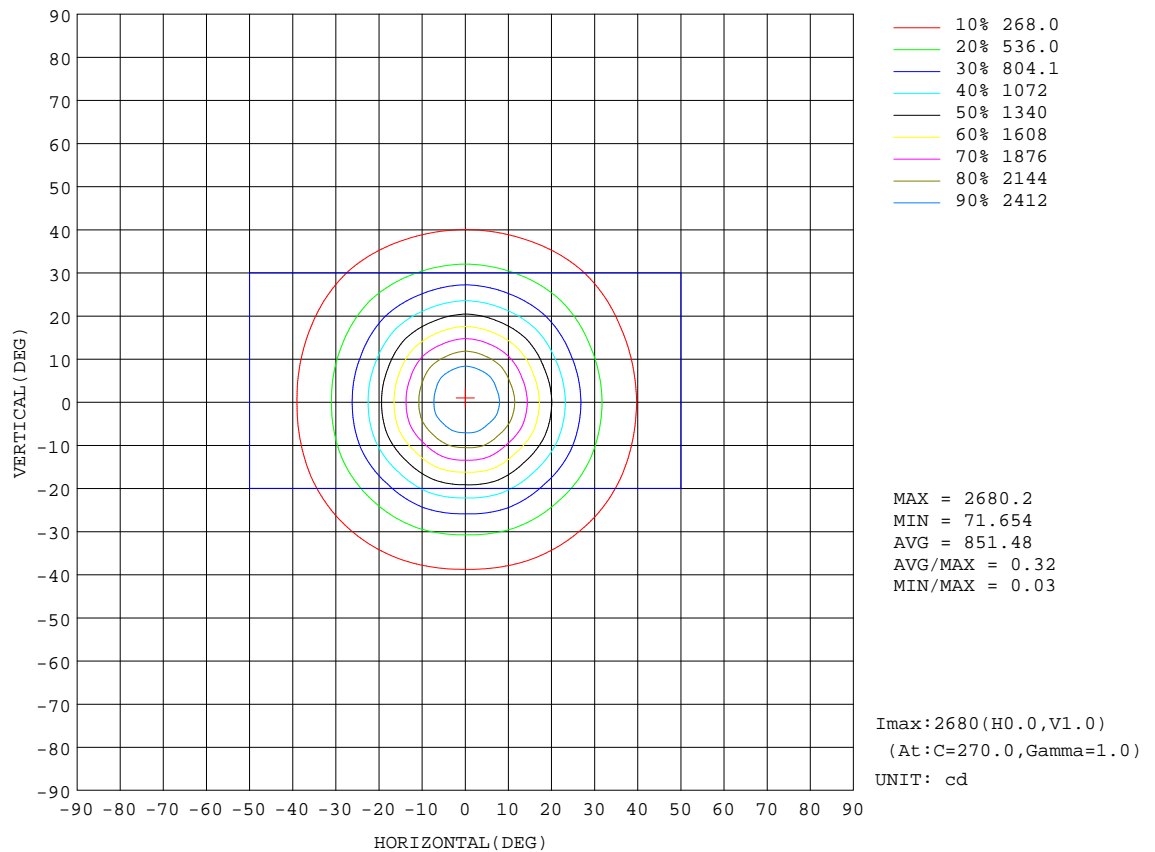
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Remarks:

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ISOCANDELA DIAGRAM

NAME: TLO020-61	TYPE:40D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:



C Range: 0 - 360DEG
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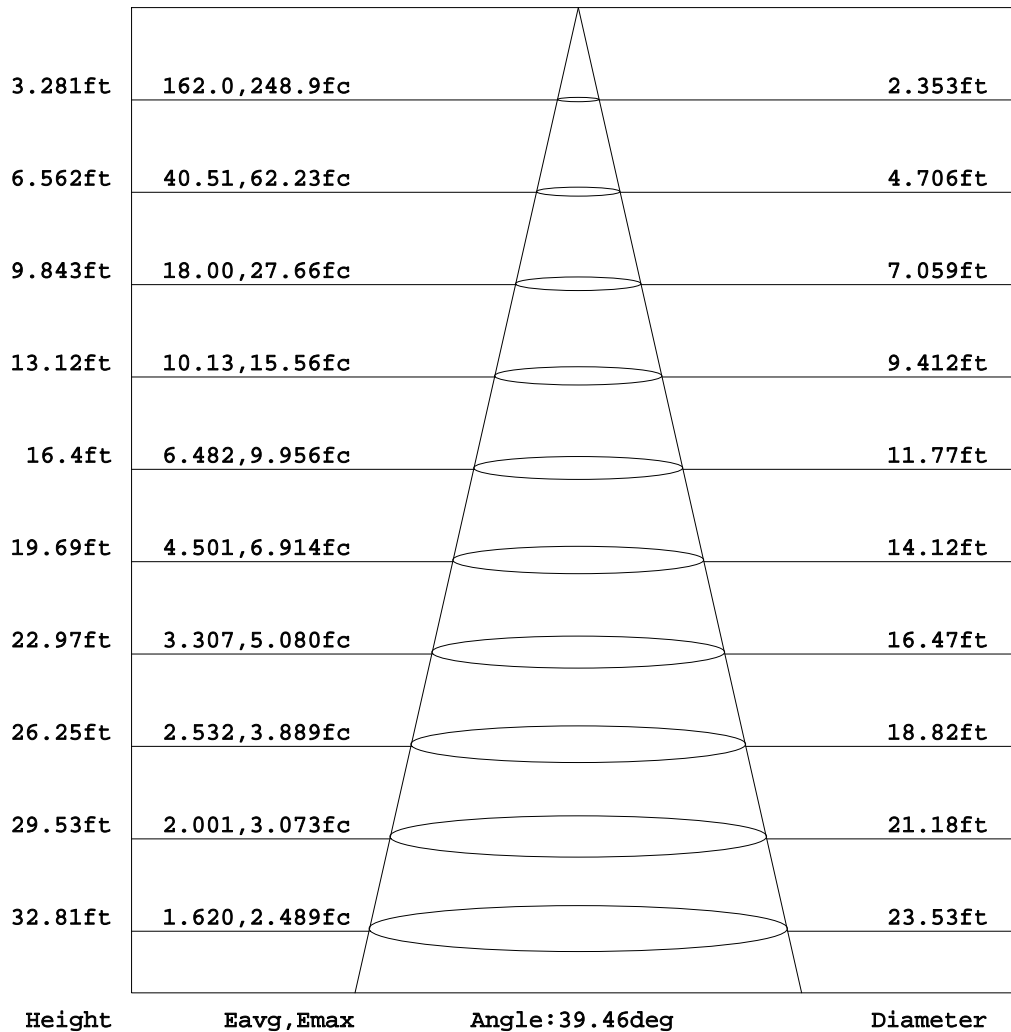
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Remarks:

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

AAI Figure

NAME: TLO020-61	TYPE:40D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:

Flux out:725.9 lm



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

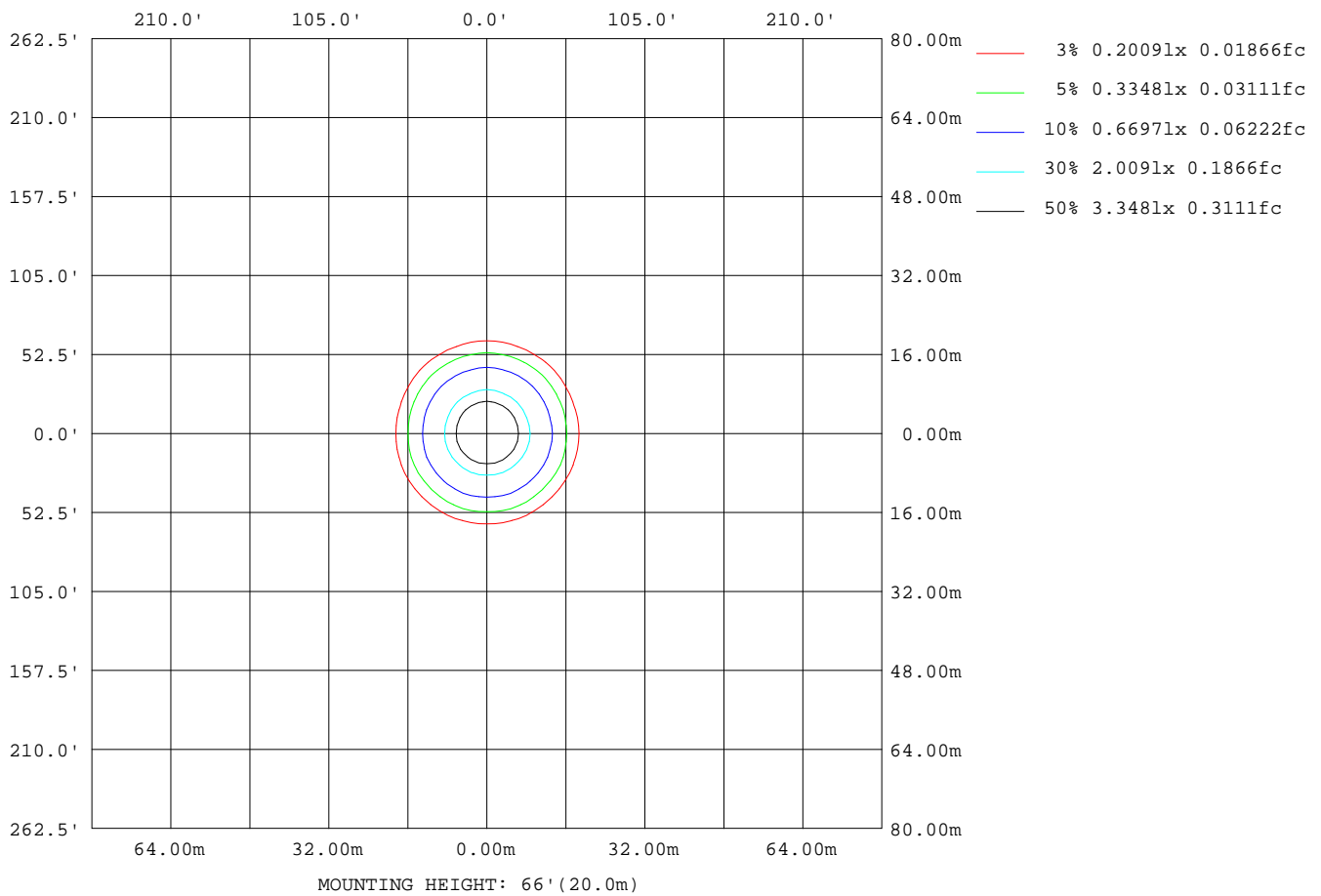
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TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

ISOLUX DIAGRAM

NAME: TLO020-61	TYPE:40D	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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Humidity:65.0%
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Remarks:

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

LED Avg.L Report

NAME: TLO020-61	TYPE:40D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:

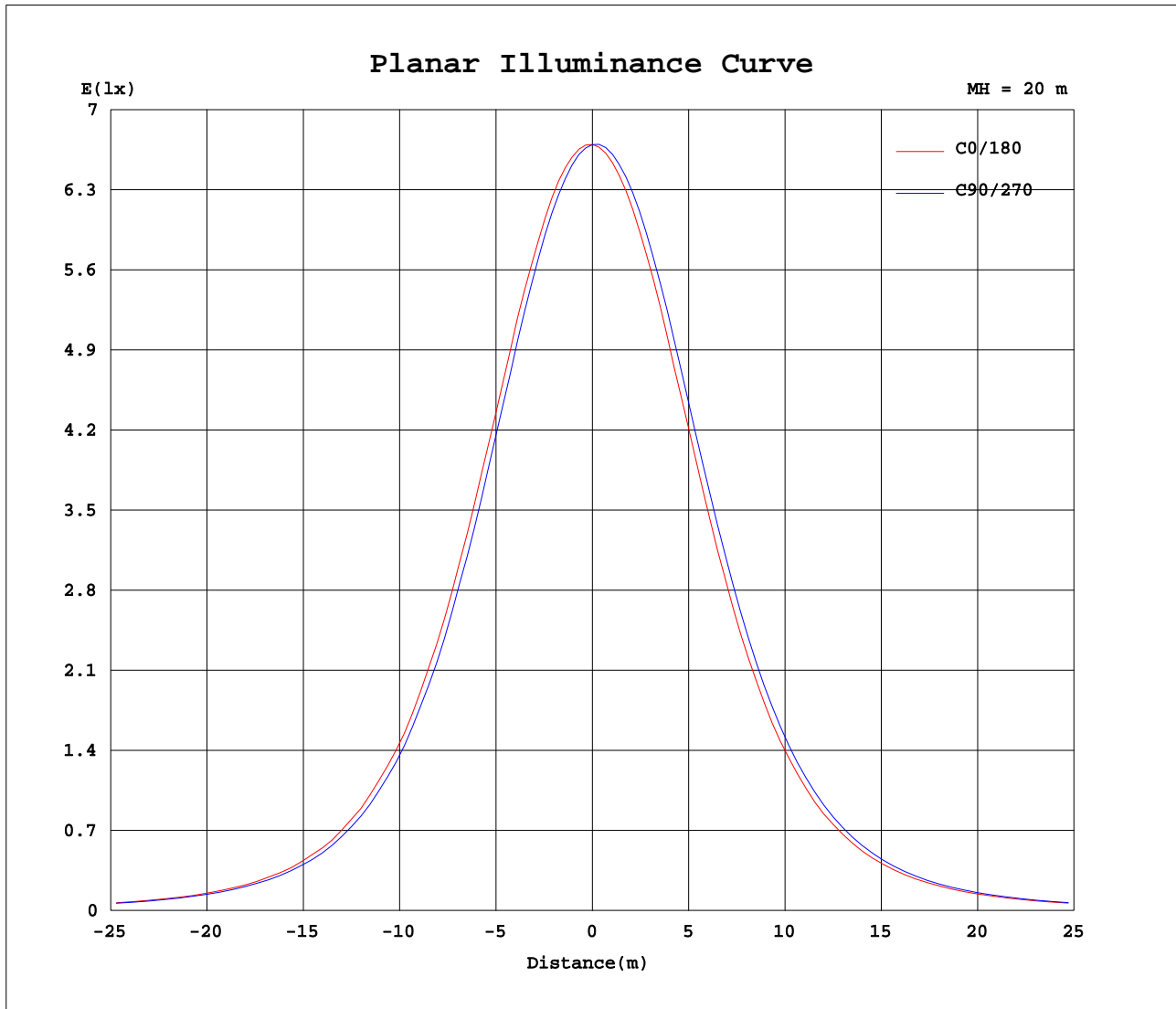
AvgL	cd/m2
L_0~180(65)av	10697
L_0~180(75)av	5971
L_0~180(85)av	912
L_90~270(65)av	10768
L_90~270(75)av	6030
L_90~270(85)av	890
L_45(65)av	10475
L_45(75)av	5989
L_45(85)av	1069

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:

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 40D 3000K CRI90 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO020-61	TYPE:40D	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	2678	2678	2678	2678	2678	2678	2678	2678	2678	2678	2678	2678	2678	2678	2678	2678			
5	2580	2572	2549	2550	2532	2541	2535	2549	2544	2554	2578	2579	2595	2585	2590	2575			
10	2268	2258	2213	2221	2191	2202	2195	2219	2210	2223	2270	2270	2297	2279	2286	2261			
15	1819	1811	1757	1766	1730	1744	1733	1768	1754	1766	1826	1823	1853	1834	1838	1807			
20	1346	1339	1286	1301	1261	1280	1265	1297	1284	1295	1351	1347	1381	1356	1366	1327			
25	929	928	885	897	866	883	869	896	883	897	935	938	960	942	948	916			
30	623	614	590	593	571	584	579	593	584	596	622	628	639	631	630	613			
35	399	396	383	382	368	378	376	384	379	388	406	407	414	408	410	394			
40	262	257	249	248	241	246	246	251	246	252	264	264	269	264	266	256			
45	172	171	165	165	162	164	164	167	165	167	175	174	177	174	176	170			
50	117	116	112	113	111	112	112	113	113	114	119	118	120	118	119	115			
55	81.5	80.5	77.2	77.8	76.7	77.4	76.4	78.1	77.9	78.3	81.1	81.0	82.4	80.9	81.6	79.2			
60	55.9	55.1	52.7	53.3	52.7	53.1	52.2	53.5	53.6	53.6	55.2	55.4	56.8	55.3	55.7	54.2			
65	37.3	37.0	35.0	35.8	35.3	35.6	34.6	36.0	35.9	35.7	36.7	37.0	38.4	37.2	37.1	36.3			
70	23.7	23.7	22.3	22.8	21.9	22.6	21.8	22.3	21.7	22.0	23.3	23.2	24.0	23.5	23.6	23.1			
75	13.3	13.0	12.5	12.5	12.1	12.3	11.8	12.2	11.8	11.8	12.6	12.6	13.2	12.8	13.4	12.6			
80	5.60	5.84	4.80	5.20	4.69	5.15	4.45	4.98	4.27	4.64	4.75	5.21	5.47	5.49	5.17	5.42			
85	0.84	0.94	0.74	0.70	0.61	0.70	0.70	0.64	0.45	0.50	0.72	0.61	0.64	0.70	0.86	0.73			
90	0.58	0.60	0.59	0.62	0.60	0.61	0.60	0.61	0.53	0.51	0.52	0.50	0.52	0.49	0.51	0.49			
95	0.74	0.77	0.76	0.78	0.78	0.79	0.77	0.78	0.70	0.67	0.67	0.66	0.67	0.66	0.67	0.66			
100	0.97	0.99	1.00	1.03	1.02	1.02	1.01	1.01	0.93	0.90	0.89	0.88	0.89	0.87	0.88	0.88			
105	1.32	1.33	1.36	1.38	1.39	1.38	1.37	1.36	1.26	1.23	1.21	1.19	1.19	1.19	1.20	1.21			
110	1.82	1.83	1.88	1.89	1.92	1.89	1.90	1.86	1.74	1.71	1.66	1.65	1.64	1.65	1.64	1.68			
115	2.54	2.55	2.64	2.65	2.71	2.65	2.67	2.60	2.43	2.41	2.32	2.33	2.28	2.31	2.30	2.36			
120	3.57	3.58	3.73	3.72	3.83	3.73	3.77	3.67	3.44	3.41	3.28	3.30	3.23	3.27	3.24	3.33			
125	4.99	5.05	5.21	5.23	5.33	5.24	5.26	5.16	4.87	4.78	4.64	4.64	4.57	4.60	4.59	4.67			
130	6.81	6.90	7.14	7.13	7.29	7.15	7.21	7.06	6.71	6.59	6.42	6.39	6.33	6.35	6.33	6.44			
135	9.06	9.15	9.39	9.40	9.58	9.44	9.50	9.35	8.96	8.80	8.59	8.54	8.47	8.52	8.49	8.60			
140	11.6	11.6	11.8	11.9	12.1	12.0	12.0	11.9	11.4	11.3	11.0	11.0	10.9	10.9	10.9	11.0			
145	14.0	14.1	14.3	14.3	14.6	14.4	14.4	14.4	13.9	13.8	13.5	13.5	13.4	13.4	13.4	13.5			
150	16.2	16.2	16.4	16.4	16.6	16.6	16.6	16.5	16.1	16.0	15.8	15.8	15.7	15.7	15.6	15.7			
155	17.7	17.7	17.9	18.0	18.2	18.2	18.2	18.1	17.8	17.7	17.6	17.6	17.5	17.5	17.3	17.3			
160	18.5	18.5	18.7	18.9	19.1	19.0	19.0	18.9	18.7	18.6	18.6	18.7	18.7	18.5	18.3	18.2			
165	18.7	18.7	18.9	19.1	19.2	19.2	19.2	19.2	19.0	19.0	18.9	19.0	19.0	18.8	18.6	18.5			
170	18.6	18.5	18.6	18.8	18.9	18.9	18.9	19.1	18.9	19.0	18.9	18.8	18.8	18.8	18.6	18.6			
175	18.4	18.4	18.6	18.6	18.5	18.6	18.9	18.9	18.8	18.9	19.0	18.7	18.7	18.8	18.8	18.5			
180	18.8	18.8	18.9	18.7	18.7	18.7	19.0	18.9	18.8	18.8	18.9	18.7	18.7	18.7	19.0	18.8			

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