

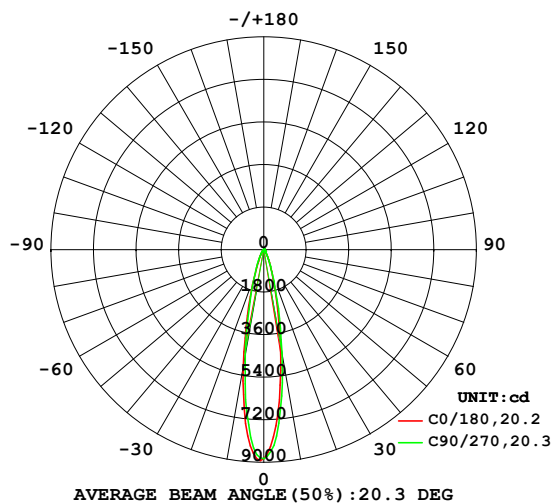
TLO020-11 36V500mA CXA1820-30G-H-NOY 20.3D 3000K CRI93 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

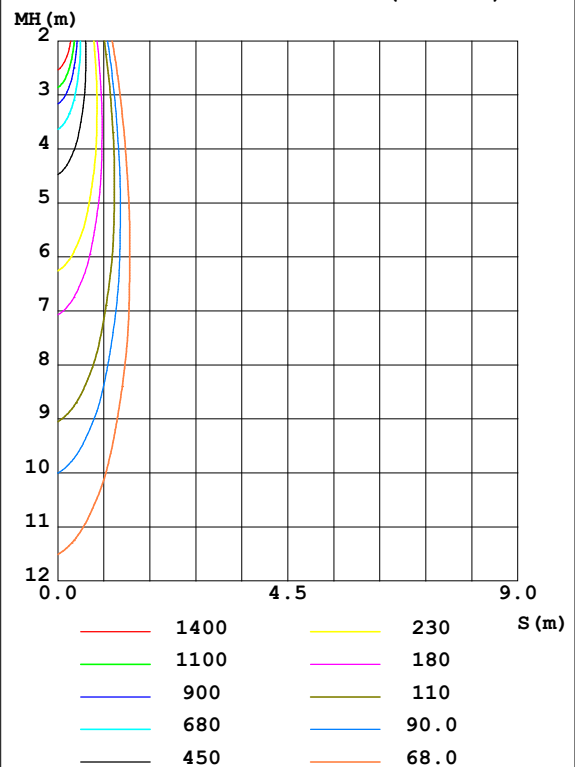
NAME: TLO020-11	TYPE: 20.3D	WEIGHT: 1
SPEC.: 3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.: 57	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.24 lm/W			
MODEL		I _{max} (cd)	9010	S/MH (C0/180)	0.37
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	0.35
RATED VOLTAGE (V)	110	TOTAL FLUX (lm)	1796.7	η UP, DN (C0-180)	1.2, 48.4
NOMINAL FLUX (lm)	1796.7	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 49.2
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: 2024-08-09

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:

TLO020-11 36V500mA CXA1820-30G-H-NOY 20.3D 3000K CRI93 NA

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	4100	3899	4460	5231	5026	5350	4560	3890	0- 10	613.9	613.9	34.2,34.2
20	990.3	932.4	1022	1167	1105	1241	1102	955.7	10- 20	642.0	1256	69.9,69.9
30	307.6	294.2	319.2	333.2	306.0	357.1	346.1	306.8	20- 30	269.3	1525	84.9,84.9
40	110.5	106.6	111.8	113.0	102.9	123.4	121.4	110.3	30- 40	120.1	1645	91.6,91.6
50	48.61	47.98	49.58	49.06	49.09	54.09	50.68	45.88	40- 50	58.00	1703	94.8,94.8
60	21.24	20.90	22.85	24.27	23.85	24.77	22.54	20.05	50- 60	30.69	1734	96.5,96.5
70	7.158	7.053	7.602	8.992	8.431	8.994	7.753	6.838	60- 70	14.81	1749	97.3,97.3
80	0.4505	0.4068	0.6593	1.222	0.9943	1.072	0.6727	0.3302	70- 80	3.890	1753	97.6,97.6
90	0.4338	0.4527	0.4461	0.4169	0.3755	0.3708	0.4018	0.4016	80- 90	0.4458	1753	97.6,97.6
100	0.6311	0.6656	0.6423	0.6008	0.5817	0.5707	0.6049	0.6080	90-100	0.5472	1754	97.6,97.6
110	0.9888	1.078	1.050	0.9797	0.9249	0.9083	0.9398	0.9499	100-110	0.8137	1755	97.7,97.7
120	1.962	2.186	2.088	1.912	1.805	1.742	1.836	1.907	110-120	1.349	1756	97.7,97.7
130	5.498	6.103	5.535	4.907	4.674	4.472	4.929	5.434	120-130	2.858	1759	97.9,97.9
140	14.20	15.14	14.11	12.83	12.45	12.16	13.24	14.27	130-140	6.830	1766	98.3,98.3
150	22.55	23.35	22.93	22.05	21.54	21.59	22.33	22.78	140-150	11.36	1777	98.9,98.9
160	25.01	25.29	26.02	25.37	24.74	25.26	25.89	25.11	150-160	11.26	1788	99.5,99.5
170	19.63	19.78	21.38	21.32	20.57	21.14	21.01	19.71	160-170	6.742	1795	99.9,99.9
180	15.45	16.27	16.02	16.19	15.47	16.25	16.01	16.21	170-180	1.752	1797	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

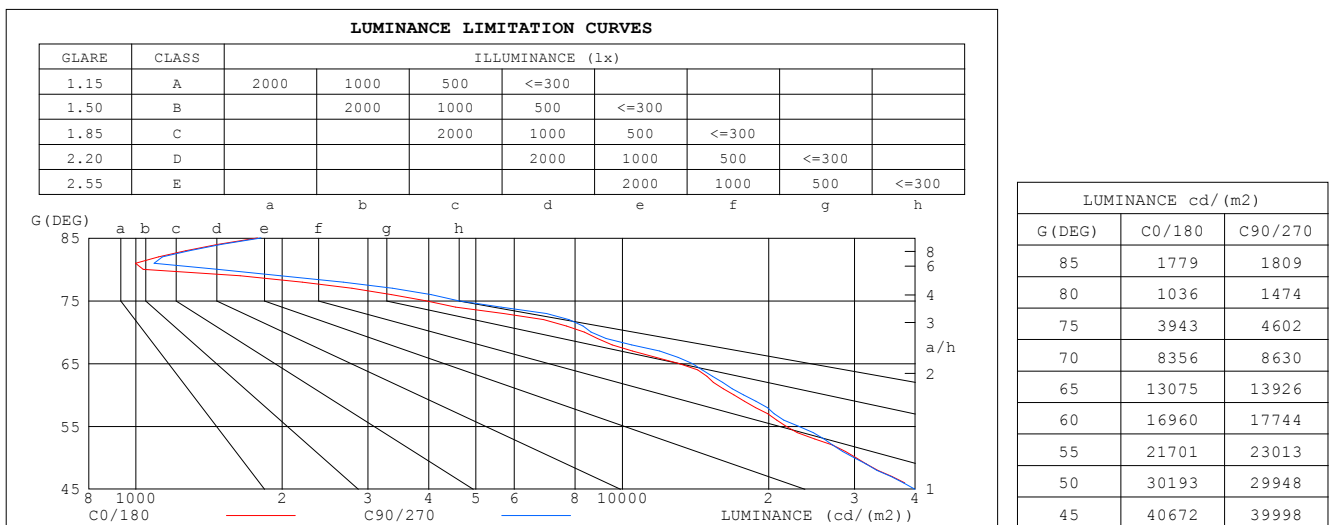
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-09

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:

TLO020-11 36V500mA CXA1820-30G-H-NOY 20.3D 3000K CRI93 NA

LUMINANCE LIMITATION CURVES

NAME: TLO020-11	TYPE: 20.3D	WEIGHT: 1
SPEC.: 3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.: 57	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
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Operators: CJY
Test Date: 2024-08-09

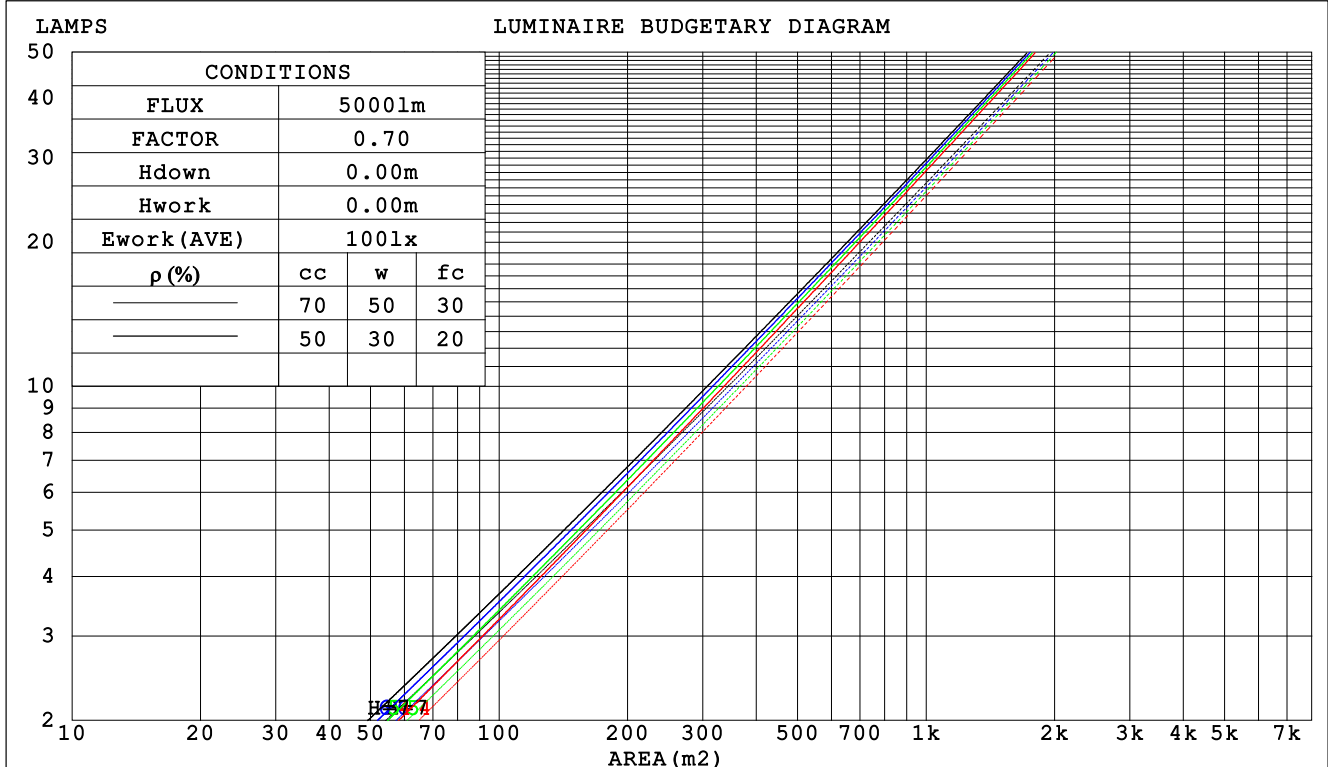
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO020-11 36V500mA CXA1820-30G-H-NOY 20.3D 3000K CRI93 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO020-11	TYPE:20.3D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	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	1.12	1.09	1.08	1.09	1.07	1.06	1.05	1.03	1.02	1.01	.00	.99	.97	.96	.95	.93
2.0	1.06	1.02	.99	1.04	1.01	.98	1.00	.98	.96	.97	.95	.93	.94	.92	.91	.89
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.90	.93	.91	.89	.91	.89	.87	.86
4.0	.96	.91	.88	.94	.90	.87	.92	.89	.86	.90	.87	.85	.88	.86	.84	.82
5.0	.92	.87	.84	.91	.86	.83	.89	.85	.82	.87	.84	.81	.85	.83	.80	.79
6.0	.88	.83	.80	.87	.83	.80	.86	.82	.79	.84	.81	.78	.83	.80	.78	.76
7.0	.85	.80	.77	.84	.80	.77	.83	.79	.76	.81	.78	.76	.80	.77	.75	.74
8.0	.82	.77	.74	.81	.77	.74	.80	.76	.73	.79	.76	.73	.78	.75	.73	.72
9.0	.79	.75	.72	.79	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.70	.69
10.0	.77	.72	.69	.76	.72	.69	.75	.72	.69	.75	.71	.69	.74	.71	.68	.67



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-09

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:

TLO020-11 36V500mA CXA1820-30G-H-NOY 20.3D 3000K CRI93 NA

WEC AND CCEC

NAME: TLO020-11	TYPE:20.3D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	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	.151	.086	.027	.143	.082	.026	.130	.074	.024	.117	.067	.022	.105	.061	.020	
2.0	.141	.077	.024	.135	.074	.023	.123	.069	.021	.113	.063	.020	.103	.058	.018	
3.0	.132	.070	.021	.127	.068	.020	.117	.063	.019	.108	.059	.018	.099	.055	.017	
4.0	.124	.064	.019	.119	.063	.018	.111	.059	.018	.103	.055	.017	.096	.052	.016	
5.0	.117	.059	.017	.113	.058	.017	.105	.055	.016	.099	.052	.015	.092	.049	.015	
6.0	.110	.055	.016	.107	.054	.016	.100	.051	.015	.094	.049	.014	.089	.047	.014	
7.0	.104	.052	.015	.101	.051	.014	.096	.048	.014	.090	.046	.013	.085	.044	.013	
8.0	.099	.048	.014	.097	.048	.013	.091	.046	.013	.087	.044	.013	.082	.042	.012	
9.0	.094	.046	.013	.092	.045	.013	.088	.043	.012	.083	.042	.012	.079	.040	.012	
10.0	.090	.043	.012	.088	.043	.012	.084	.041	.012	.080	.040	.011	.077	.038	.011	

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	.188	.176	.166	.161	.151	.142	.110	.104	.099	.063	.060	.057	.020	.019	.019	
2.0	.171	.151	.135	.146	.130	.117	.100	.090	.081	.058	.052	.048	.019	.017	.016	
3.0	.157	.132	.113	.134	.114	.098	.092	.079	.068	.053	.046	.040	.017	.015	.013	
4.0	.145	.117	.096	.124	.101	.083	.085	.071	.059	.049	.041	.035	.016	.013	.011	
5.0	.135	.105	.083	.116	.091	.072	.080	.063	.051	.046	.037	.030	.015	.012	.010	
6.0	.126	.095	.073	.109	.083	.064	.075	.058	.045	.043	.034	.027	.014	.011	.009	
7.0	.119	.087	.065	.102	.076	.057	.071	.053	.040	.041	.031	.024	.013	.010	.008	
8.0	.112	.081	.059	.097	.070	.051	.067	.049	.036	.039	.029	.022	.013	.009	.007	
9.0	.107	.075	.054	.092	.065	.047	.064	.046	.033	.037	.027	.020	.012	.009	.007	
10.0	.102	.070	.050	.088	.061	.043	.061	.043	.031	.036	.025	.018	.012	.008	.006	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-09

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:

TLO020-11 36V500mA CXA1820-30G-H-NOY 20.3D 3000K CRI93 NA

UGR(Unified Glare Rating) Table

NAME: TLO020-11					TYPE:20.3D					WEIGHT:1				
SPEC.:3000K CRI93					DIM.:					SERIAL No.:				
MFR.:					SUR.:57					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					15.7	16.4	16.0	16.6	16.8	15.7	16.5	16.0	16.7	16.8
3H					15.8	16.5	16.1	16.7	17.0	15.9	16.6	16.2	16.8	17.0
4H					15.8	16.4	16.1	16.7	16.9	15.9	16.5	16.2	16.8	17.0
6H					15.7	16.3	16.0	16.6	16.9	15.8	16.4	16.1	16.7	17.0
8H					15.7	16.2	16.0	16.5	16.8	15.8	16.3	16.1	16.6	16.9
12H					15.6	16.2	16.0	16.5	16.8	15.7	16.3	16.1	16.6	16.9
4H 2H					15.7	16.4	16.0	16.6	16.9	15.8	16.4	16.1	16.6	16.9
3H					15.9	16.5	16.2	16.8	17.1	16.0	16.5	16.3	16.8	17.1
4H					15.9	16.4	16.2	16.7	17.0	15.9	16.4	16.3	16.8	17.1
6H					15.8	16.2	16.2	16.6	17.0	15.8	16.3	16.3	16.7	17.1
8H					15.7	16.1	16.1	16.5	16.9	15.8	16.2	16.2	16.6	17.0
12H					15.6	16.0	16.1	16.4	16.9	15.7	16.1	16.2	16.5	17.0
8H 4H					15.7	16.1	16.2	16.5	16.9	15.8	16.2	16.2	16.6	17.0
6H					15.6	16.0	16.1	16.4	16.9	15.7	16.1	16.2	16.5	16.9
8H					15.6	15.9	16.0	16.3	16.8	15.6	16.0	16.1	16.4	16.9
12H					15.5	15.8	16.0	16.2	16.8	15.6	15.9	16.1	16.3	16.9
12H 4H					15.7	16.0	16.1	16.5	16.9	15.7	16.1	16.2	16.5	17.0
6H					15.6	15.9	16.0	16.3	16.8	15.6	16.0	16.1	16.4	16.9
8H					15.5	15.8	16.0	16.2	16.8	15.6	15.8	16.1	16.3	16.8
Variations with the observer position at spacings:														
S = 1.0H					+ 1.6 / - 2.5					+ 1.6 / - 2.4				
1.5H					+ 2.3 / - 1.8					+ 2.3 / - 1.7				
2.0H					+ 2.7 / - 2.1					+ 2.5 / - 2.1				

CIE Pub.117, 1797 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.0)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-09

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:

TLO020-11 36V500mA CXA1820-30G-H-NOY 20.3D 3000K CRI93 NA

UTILIZATION FACTORS TABLE

NAME: TLO020-11	TYPE:20.3D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	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) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	87	84	92	87	83	79
1.00	98	92	89	97	92	88	95	92	88	84
1.25	102	97	93	101	96	93	99	95	92	87
1.50	105	100	97	103	99	96	101	97	95	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	104	101	99	93
3.00	111	107	105	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	95
5.00	114	112	110	112	110	108	108	106	105	96
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

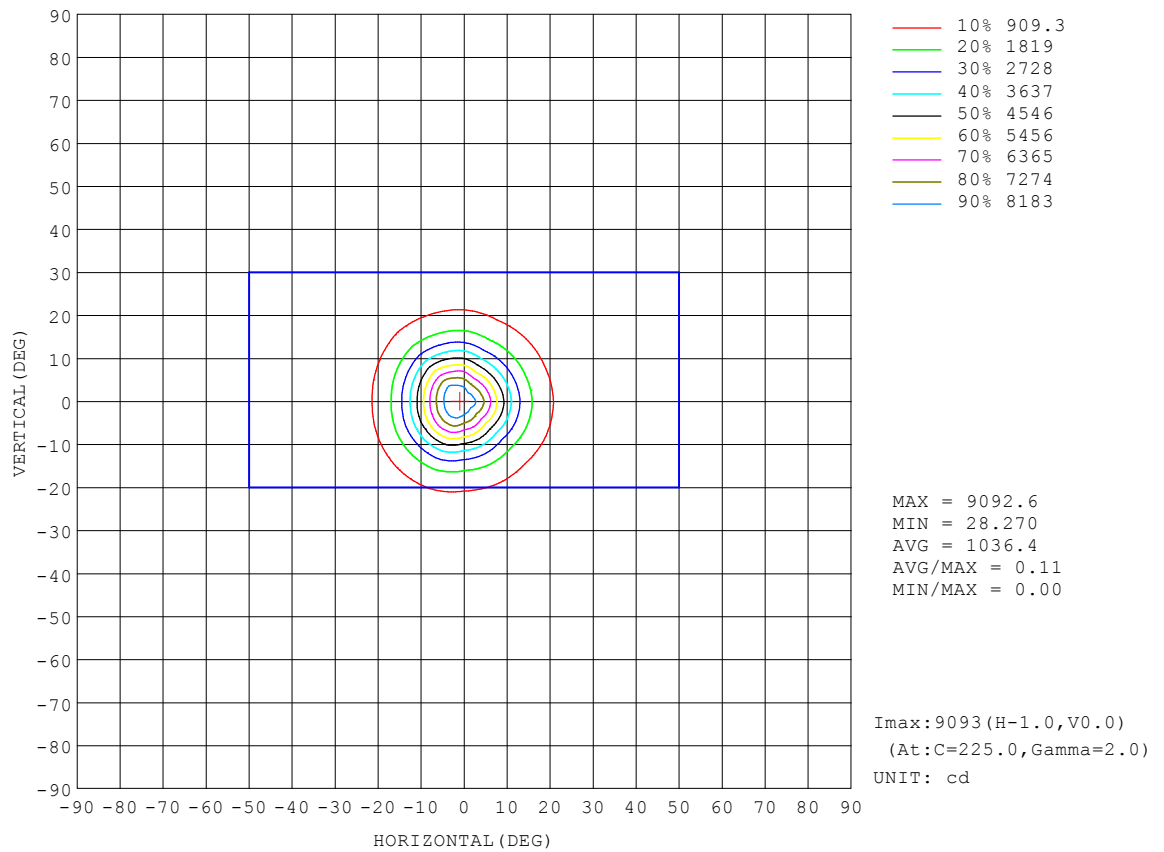
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ISOCANDELA DIAGRAM

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SPEC.: 3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.: 57	Shielding Angle:



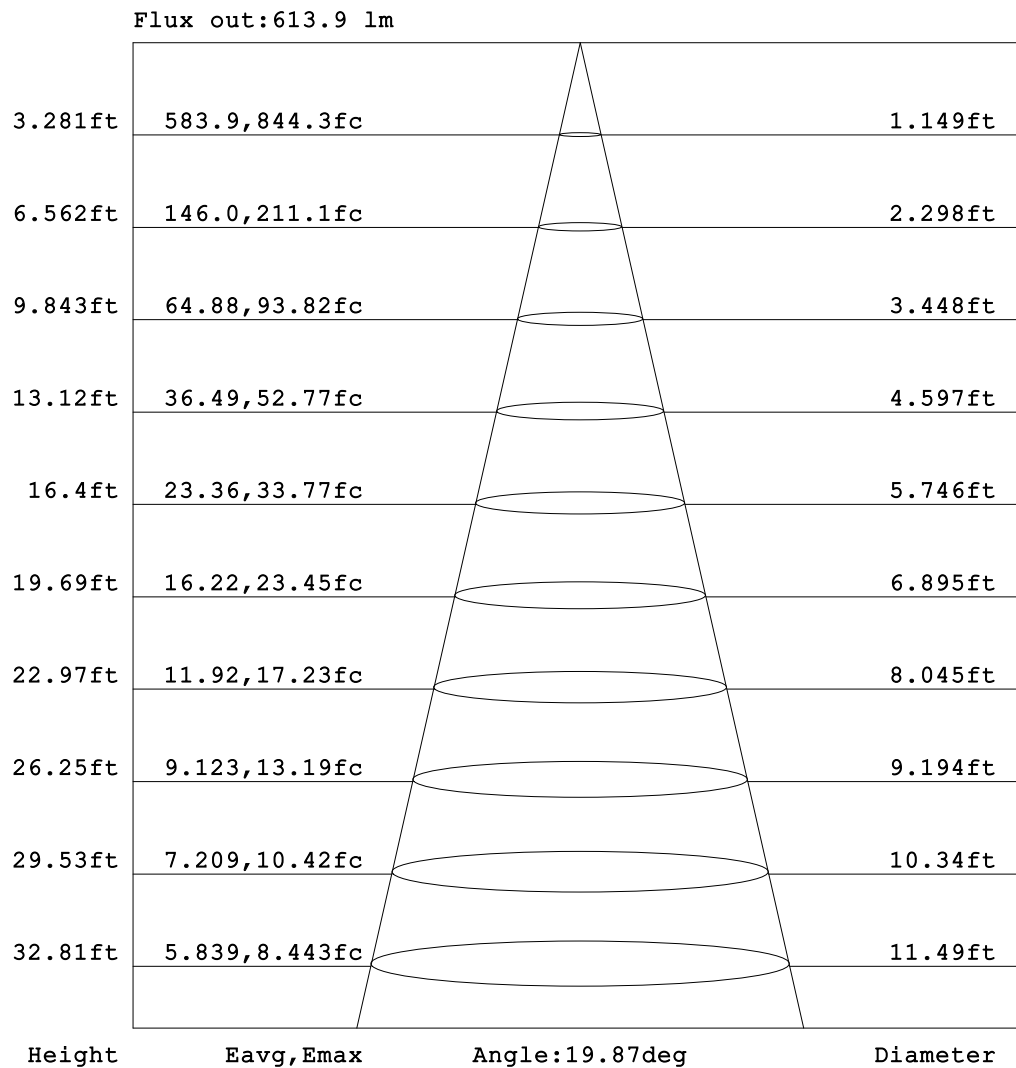
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AAI Figure

NAME: TLO020-11	TYPE:20.3D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:



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

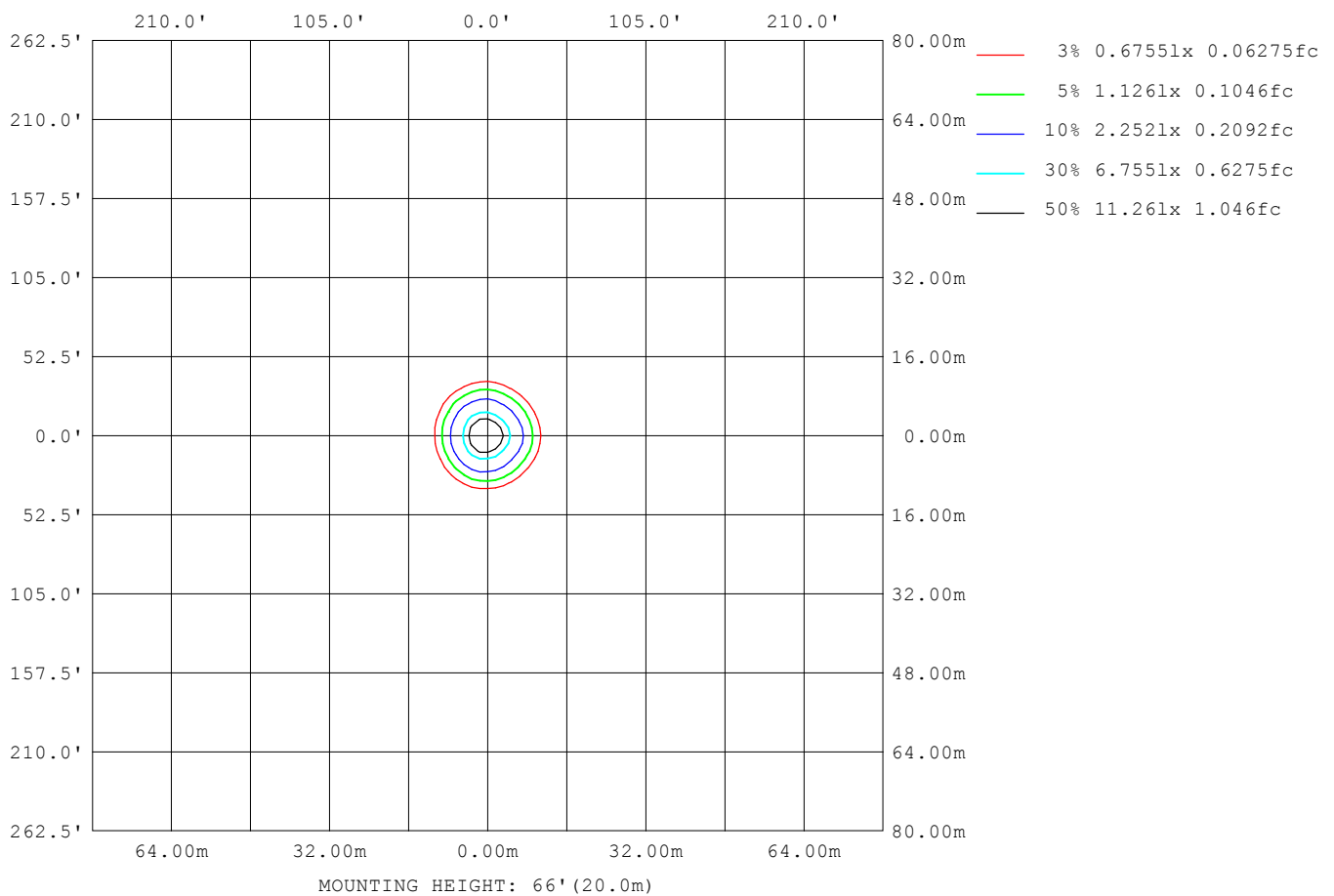
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ISOLUX DIAGRAM

NAME: TLO020-11	TYPE: 20.3D	WEIGHT: 1
SPEC.: 3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.: 57	Shielding Angle:



C Range: 0 - 360DEG
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TLO020-11 36V500mA CXA1820-30G-H-NOY 20.3D 3000K CRI93 NA

LED Avg.L Report

NAME: TLO020-11	TYPE:20.3D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	Shielding Angle:

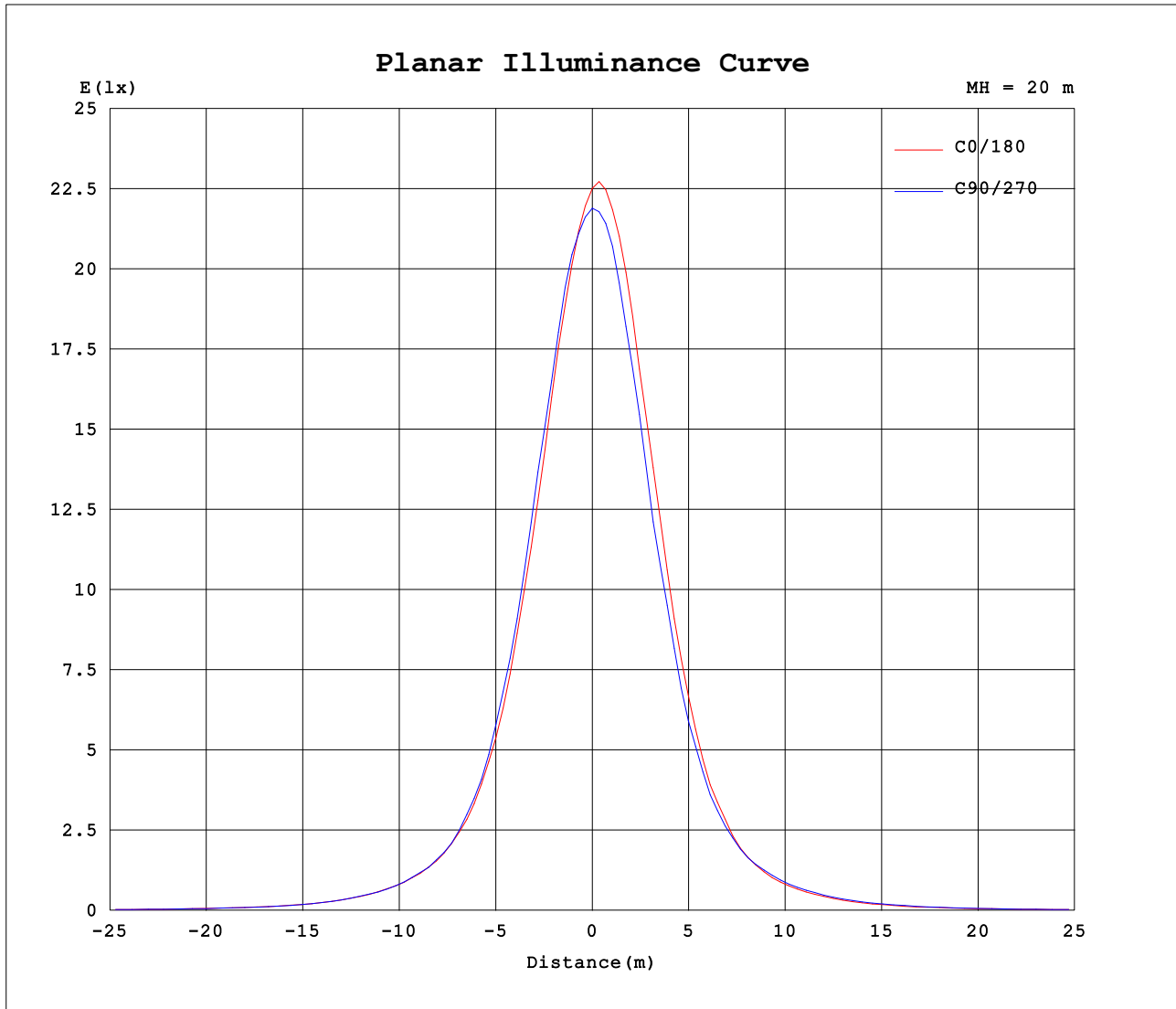
AvgL	cd/m2
L_0~180 (65) av	13887
L_0~180 (75) av	5053
L_0~180 (85) av	1616
L_90~270 (65) av	14270
L_90~270 (75) av	4677
L_90~270 (85) av	1677
L_45 (65) av	13955
L_45 (75) av	5254
L_45 (85) av	1644

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-09

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: 2024-08-09

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:

TLO020-11 36V500mA CXA1820-30G-H-NOY 20.3D 3000K CRI93 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO020-11	TYPE:20.3D	WEIGHT:1
SPEC.:3000K CRI93	DIM.:	SERIAL No.:
MFR.:	SUR.:57	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	8846	8846	8846	8846	8846	8846	8846	8846	8846	8846	8846	8846	8846	8846	8846	8846			
5	6977	6870	6811	7112	7366	7999	8111	8030	7908	8029	8256	7799	7442	6935	6771	6869			
10	4100	3980	3899	4201	4460	5155	5231	5171	5026	5105	5350	4870	4560	4016	3890	3971			
15	2024	1963	1905	2057	2183	2600	2600	2582	2462	2536	2697	2430	2294	1960	1929	1935			
20	990	967	932	990	1022	1195	1167	1159	1105	1153	1241	1138	1102	958	956	947			
25	540	529	512	534	564	605	596	567	544	586	627	611	596	545	528	532			
30	308	304	294	309	319	345	333	318	306	325	357	349	346	310	307	301			
35	178	177	171	179	181	194	187	178	172	184	204	200	201	183	180	177			
40	110	109	107	110	112	116	113	106	103	112	123	123	121	112	110	111			
45	72.0	71.7	70.7	72.2	72.8	75.0	72.3	70.5	68.9	73.8	79.8	78.8	76.5	71.6	70.0	72.1			
50	48.6	48.5	48.0	49.7	49.6	50.6	49.1	49.8	49.1	51.6	54.1	52.2	50.7	47.3	45.9	48.1			
55	31.2	31.0	30.8	32.7	34.0	36.0	35.2	35.8	35.2	36.9	37.9	35.7	34.0	30.1	29.3	30.8			
60	21.2	21.1	20.9	22.1	22.8	24.9	24.3	24.5	23.8	24.2	24.8	23.4	22.5	20.6	20.1	20.8			
65	13.8	13.9	13.4	14.6	15.2	16.8	16.4	16.7	16.1	16.4	16.8	16.1	15.6	13.6	13.6	13.6			
70	7.16	7.25	7.05	7.48	7.60	8.89	8.99	9.05	8.43	8.66	8.99	8.15	7.75	6.85	6.84	6.88			
75	2.56	2.58	2.41	2.74	3.07	4.48	4.52	4.55	4.11	4.35	4.61	3.54	3.11	2.39	2.32	2.38			
80	0.45	0.42	0.41	0.53	0.66	1.14	1.22	1.25	0.99	1.04	1.07	0.80	0.67	0.36	0.33	0.33			
85	0.39	0.40	0.40	0.41	0.41	0.40	0.41	0.40	0.33	0.32	0.32	0.32	0.34	0.33	0.33	0.32			
90	0.43	0.45	0.45	0.46	0.45	0.44	0.42	0.43	0.38	0.35	0.37	0.37	0.40	0.39	0.40	0.38			
95	0.52	0.54	0.55	0.55	0.53	0.52	0.49	0.51	0.47	0.44	0.45	0.46	0.49	0.49	0.50	0.47			
100	0.63	0.65	0.67	0.66	0.64	0.63	0.60	0.61	0.58	0.55	0.57	0.57	0.60	0.60	0.61	0.58			
105	0.77	0.79	0.83	0.82	0.81	0.78	0.75	0.76	0.73	0.70	0.72	0.72	0.75	0.76	0.75	0.72			
110	0.99	1.01	1.08	1.06	1.05	1.00	0.98	0.98	0.92	0.91	0.91	0.93	0.94	0.97	0.95	0.92			
115	1.34	1.38	1.48	1.45	1.44	1.35	1.33	1.32	1.25	1.23	1.22	1.25	1.26	1.33	1.29	1.25			
120	1.96	2.03	2.19	2.12	2.09	1.95	1.91	1.92	1.80	1.76	1.74	1.79	1.84	1.95	1.91	1.82			
125	3.17	3.28	3.54	3.37	3.29	3.01	2.96	2.96	2.80	2.74	2.69	2.80	2.90	3.15	3.12	2.97			
130	5.50	5.67	6.10	5.72	5.54	5.00	4.91	4.92	4.67	4.57	4.47	4.72	4.93	5.44	5.43	5.20			
135	9.33	9.56	10.2	9.57	9.23	8.40	8.22	8.23	7.89	7.67	7.61	8.01	8.43	9.20	9.31	8.87			
140	14.2	14.5	15.1	14.6	14.1	13.2	12.8	12.9	12.4	12.2	12.2	12.6	13.2	14.2	14.3	13.7			
145	18.9	19.2	19.9	19.4	19.1	18.3	17.9	17.8	17.4	17.2	17.3	17.7	18.3	19.1	19.1	18.6			
150	22.5	22.7	23.4	23.1	22.9	22.4	22.0	21.9	21.5	21.4	21.6	21.9	22.3	22.9	22.8	22.3			
155	24.7	24.7	25.2	25.3	25.3	25.0	24.6	24.2	24.1	23.9	24.4	24.6	24.9	25.2	24.9	24.5			
160	25.0	24.9	25.3	25.8	26.0	26.0	25.4	24.8	24.7	24.6	25.3	25.7	25.9	25.8	25.1	24.9			
165	23.1	22.9	23.4	24.2	24.7	25.1	24.3	23.5	23.4	23.3	24.1	24.5	24.7	24.1	23.1	22.9			
170	19.6	19.6	19.8	20.7	21.4	22.1	21.3	20.9	20.6	20.8	21.1	21.1	21.0	20.3	19.7	19.4			
175	16.3	16.3	16.8	17.1	17.5	18.1	18.0	17.6	17.2	17.5	18.1	17.5	17.2	17.0	16.8	16.3			
180	15.5	15.6	16.3	15.9	16.0	16.0	16.2	15.6	15.5	15.6	16.3	15.9	16.0	16.0	16.2	15.5			

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