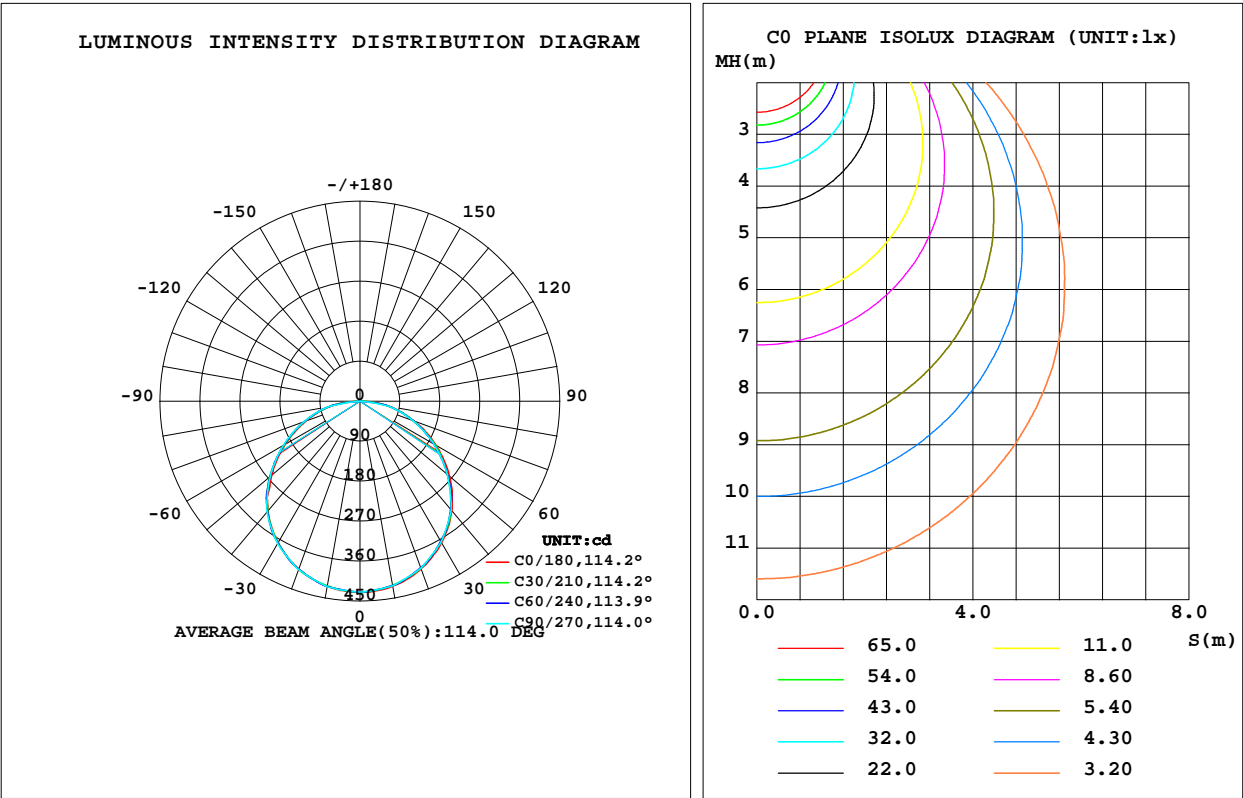


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: IRIS TRIPOD 60	TYPE:LED灯	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:D600	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 37.74 lm/W			
MODEL		I _{max} (cd)	430.1	S/MH(C0/180)	1.27
NOMINAL POWER(W)	34	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1268.3	h UP,DN(C0-180)	0.0,49.4
NOMINAL FLUX(lm)	1268.34	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,50.6
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	219.3	h down(%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHAIWW
Test Date:2024-06-18

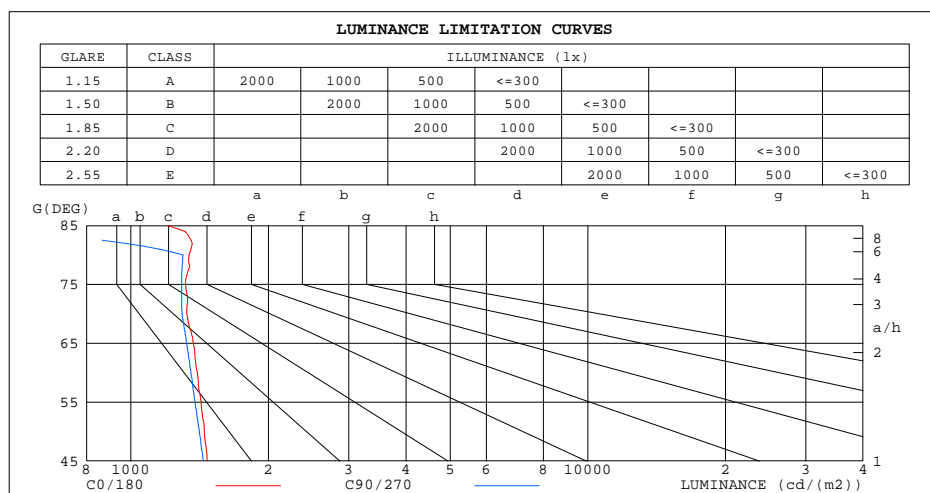
g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.750m [K=1.0000]
Remarks:



ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
5	428.5	426.5	426.1	426.4	428.3	427.1	427.1	427.3	0- 5	10.24	10.24	0.81,0.81
10	423.2	421.0	422.2	421.3	423.3	422.7	424.2	422.3	5- 10	30.38	40.62	3.2,3.2
15	414.3	412.5	411.2	413.1	414.5	415.2	414.0	414.6	10- 15	49.56	90.17	7.11,7.11
20	401.9	398.9	400.2	399.3	402.4	401.9	403.8	401.5	15- 20	67.09	157.3	12.4,12.4
25	386.3	383.9	382.9	383.9	387.0	387.4	387.2	386.9	20- 25	82.50	239.8	18.9,18.9
30	367.7	364.8	365.6	364.9	368.2	369.2	370.7	368.3	25- 30	95.20	335.0	26.4,26.4
35	346.4	342.6	342.5	343.2	346.5	347.9	348.3	346.6	30- 35	104.9	439.9	34.7,34.7
40	321.9	319.0	319.4	319.3	322.1	324.5	325.9	323.2	35- 40	111.2	551.1	43.5,43.5
45	293.7	290.1	288.0	288.4	292.3	293.9	295.0	295.1	40- 45	113.6	664.7	52.4,52.4
50	263.2	260.7	256.7	257.1	259.2	262.5	264.1	266.3	45- 50	111.6	776.3	61.2,61.2
55	231.1	225.5	224.0	224.2	227.0	230.1	231.7	231.3	50- 55	106.2	882.6	69.6,69.6
60	197.7	191.0	191.4	191.9	193.9	198.2	199.3	196.8	55- 60	97.74	980.3	77.3,77.3
65	163.6	158.4	158.3	157.3	160.6	164.4	166.2	163.8	60- 65	86.66	1067	84.1,84.1
70	128.2	126.9	125.1	124.3	128.1	132.3	133.1	131.8	65- 70	73.48	1140	89.9,89.9
75	96.35	95.95	94.48	92.13	97.15	101.3	101.6	99.62	70- 75	58.96	1199	94.6,94.6
80	65.78	64.78	63.85	60.34	66.26	69.97	70.17	67.88	75- 80	43.36	1243	98.98
85	29.63	19.14	0	17.21	28.61	21.27	0	20.29	80- 85	23.16	1266	99.8,99.8
90	3.070	0	0	0	3.803	0	0	0	85- 90	2.410	1268	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1203	0
80	1341	1301
75	1317	1292
70	1327	1294
65	1370	1325
60	1399	1355
55	1426	1382
50	1449	1413
45	1470	1441

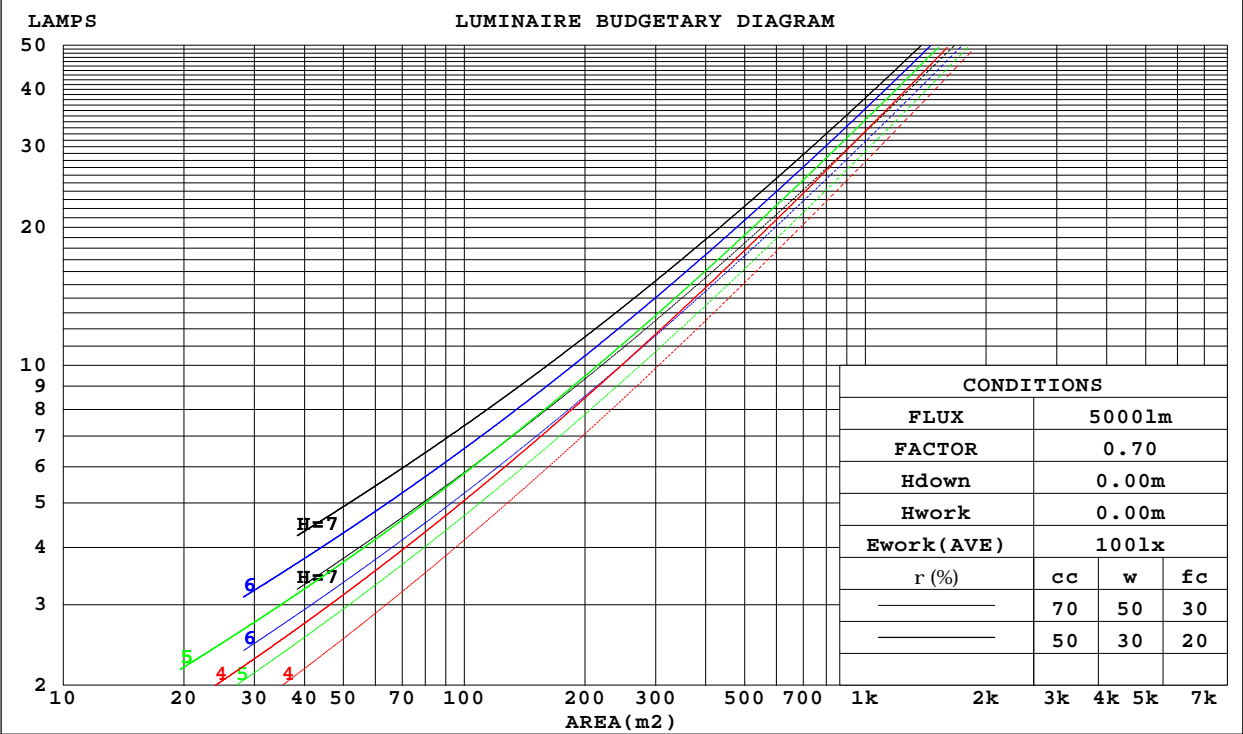
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHAIWW
Test Date:2024-06-18

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.750m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: IRIS TRIPOD 60	TYPE:LED灯	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:D600	PROTECTION ANGLE:

r _{cc}	80%			70%			50%			30%			10%			0
r _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.03	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.78	.74	.71	.69
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.66	.61	.69	.64	.60	.57
4.0	.70	.61	.54	.68	.60	.53	.66	.58	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.50	.44	.39	.37
7.0	.51	.42	.35	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.34	.32
8.0	.46	.37	.32	.45	.37	.31	.44	.37	.31	.43	.36	.31	.42	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.36	.30	.25	.23



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHAIWW
Test Date:2024-06-18

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.750m [K=1.0000]
Remarks:



WEC AND CCEC

NAME: IRIS TRIPOD 60	TYPE:LED灯	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:D600	PROTECTION ANGLE:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.318	.181	.057	.310	.177	.056	.297	.170	.054	.285	.164	.053	.274	.159	.051	
2.0	.298	.163	.050	.292	.161	.049	.280	.156	.048	.269	.151	.047	.259	.146	.046	
3.0	.275	.146	.044	.269	.144	.043	.259	.140	.043	.249	.136	.042	.240	.133	.041	
4.0	.253	.131	.039	.248	.130	.038	.239	.127	.038	.230	.124	.037	.222	.121	.037	
5.0	.233	.119	.034	.229	.117	.034	.221	.115	.034	.213	.112	.033	.206	.110	.033	
6.0	.216	.108	.031	.212	.107	.031	.205	.105	.031	.198	.103	.030	.192	.101	.030	
7.0	.201	.099	.028	.197	.098	.028	.191	.096	.028	.185	.095	.028	.179	.093	.027	
8.0	.187	.091	.026	.184	.091	.026	.178	.089	.025	.173	.088	.025	.168	.086	.025	
9.0	.175	.085	.024	.173	.084	.024	.167	.083	.023	.162	.081	.023	.158	.080	.023	
10.0	.165	.079	.022	.162	.078	.022	.158	.077	.022	.153	.076	.022	.149	.075	.021	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(CCEC)															
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.181	.156	.134	.155	.134	.115	.106	.092	.080	.061	.053	.046	.020	.017	.015	
2.0	.173	.132	.097	.148	.114	.084	.102	.079	.059	.059	.046	.034	.019	.015	.011	
3.0	.165	.114	.074	.142	.099	.064	.097	.069	.045	.056	.040	.026	.018	.013	.009	
4.0	.158	.101	.058	.135	.087	.050	.093	.061	.035	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.047	.129	.078	.041	.089	.055	.029	.051	.032	.017	.017	.011	.006	
6.0	.143	.082	.039	.123	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.075	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.130	.070	.028	.112	.060	.025	.077	.042	.018	.045	.025	.011	.015	.008	.003	
9.0	.123	.065	.025	.106	.056	.022	.074	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.118	.060	.022	.101	.052	.019	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHAIWW
Test Date:2024-06-18

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.750m [K=1.0000]
Remarks:

Uncorrected UGR Table

NAME: IRIS TRIPOD 60					TYPE:LED灯					WEIGHT:				
DIM.:					SPEC.:					SERIAL No.:				
MFR.:					SUR.:D600					PROTECTION 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	2H	14.0	15.6	14.3	15.8	16.0	14.0	15.5	14.2	15.7	15.9			
	3H	15.7	17.1	16.0	17.3	17.6	15.6	17.0	15.9	17.2	17.5			
	4H	16.4	17.8	16.7	18.0	18.3	16.3	17.7	16.6	17.9	18.2			
	6H	17.0	18.2	17.3	18.5	18.8	16.9	18.2	17.3	18.5	18.8			
	8H	17.1	18.4	17.5	18.7	19.0	17.1	18.3	17.4	18.6	18.9			
	12H	17.3	18.4	17.6	18.7	19.0	17.1	18.2	17.4	18.5	18.8			
4H	2H	14.6	16.0	15.0	16.3	16.5	14.6	16.0	14.9	16.2	16.5			
	3H	16.5	17.7	16.9	18.0	18.3	16.4	17.6	16.8	17.9	18.2			
	4H	17.4	18.5	17.7	18.8	19.1	17.3	18.4	17.7	18.7	19.1			
	6H	18.1	19.0	18.5	19.4	19.7	18.1	19.1	18.5	19.4	19.8			
	8H	18.3	19.2	18.7	19.6	19.9	18.3	19.2	18.7	19.5	19.9			
	12H	18.4	19.3	18.9	19.7	20.1	18.3	19.1	18.7	19.5	19.9			
8H	4H	17.7	18.6	18.1	19.0	19.4	17.7	18.6	18.1	18.9	19.3			
	6H	18.6	19.3	19.0	19.8	20.2	18.6	19.4	19.1	19.8	20.2			
	8H	18.9	19.6	19.4	20.0	20.5	18.9	19.6	19.4	20.0	20.4			
	12H	19.2	19.7	19.6	20.2	20.7	18.9	19.5	19.4	19.9	20.4			
12H	4H	17.8	18.6	18.2	19.0	19.4	17.7	18.5	18.1	18.9	19.3			
	6H	18.7	19.4	19.2	19.8	20.2	18.7	19.4	19.2	19.8	20.3			
	8H	19.1	19.7	19.6	20.1	20.6	19.0	19.6	19.5	20.1	20.5			
Variations with the observer position at spacings:														
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.2							
1.5H		+ 0.1 / - 0.2					+ 0.1 / - 0.3							
2.0H		+ 0.2 / - 0.2					+ 0.2 / - 0.3							

CIE Pub.117 Corrected 1268 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.8)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZHAIWW
 Test Date:2024-06-18

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:9.750m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

NAME: IRIS TRIPOD 60	TYPE:LED灯	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:D600	PROTECTION 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	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	63	56	72	65	56	48
1.25	82	72	64	81	71	64	78	70	63	56
1.50	87	77	70	86	76	70	83	75	69	61
2.00	94	86	79	92	84	78	89	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	95	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

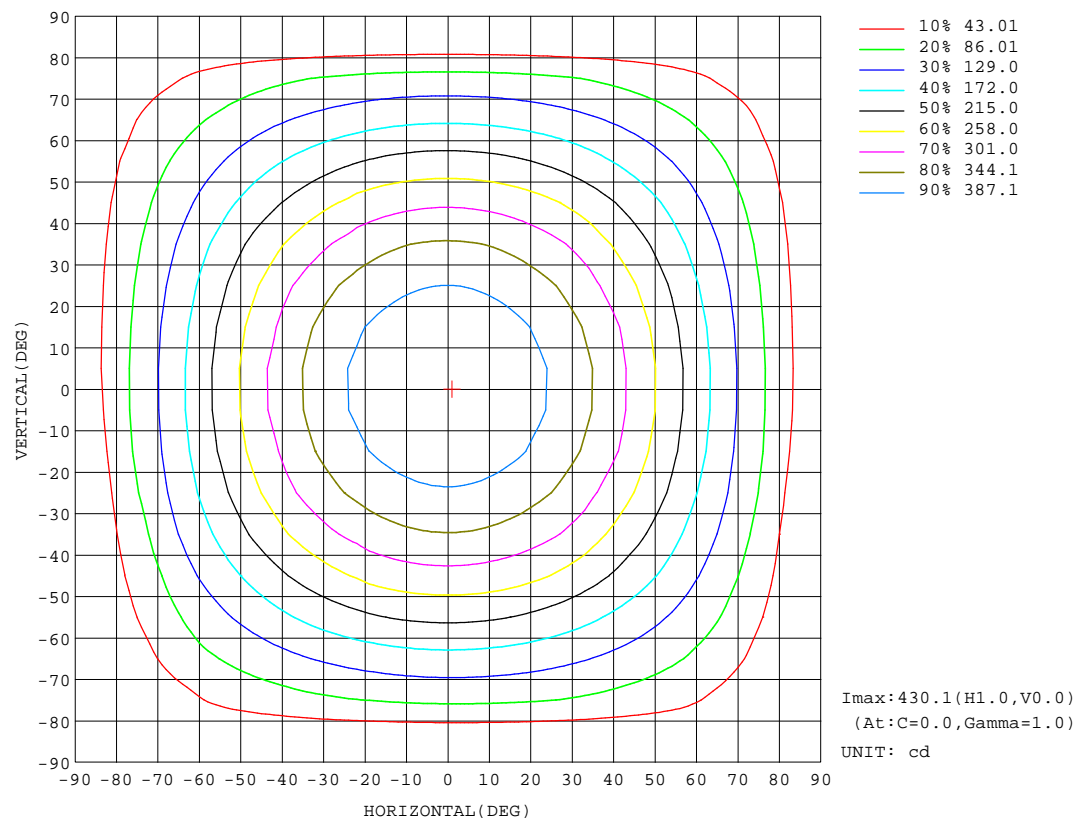
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHAIWW
Test Date:2024-06-18

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.750m [K=1.0000]
Remarks:



ISOCANDELA DIAGRAM

NAME: IRIS TRIPOD 60	TYPE:LED灯	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:D600	PROTECTION ANGLE:



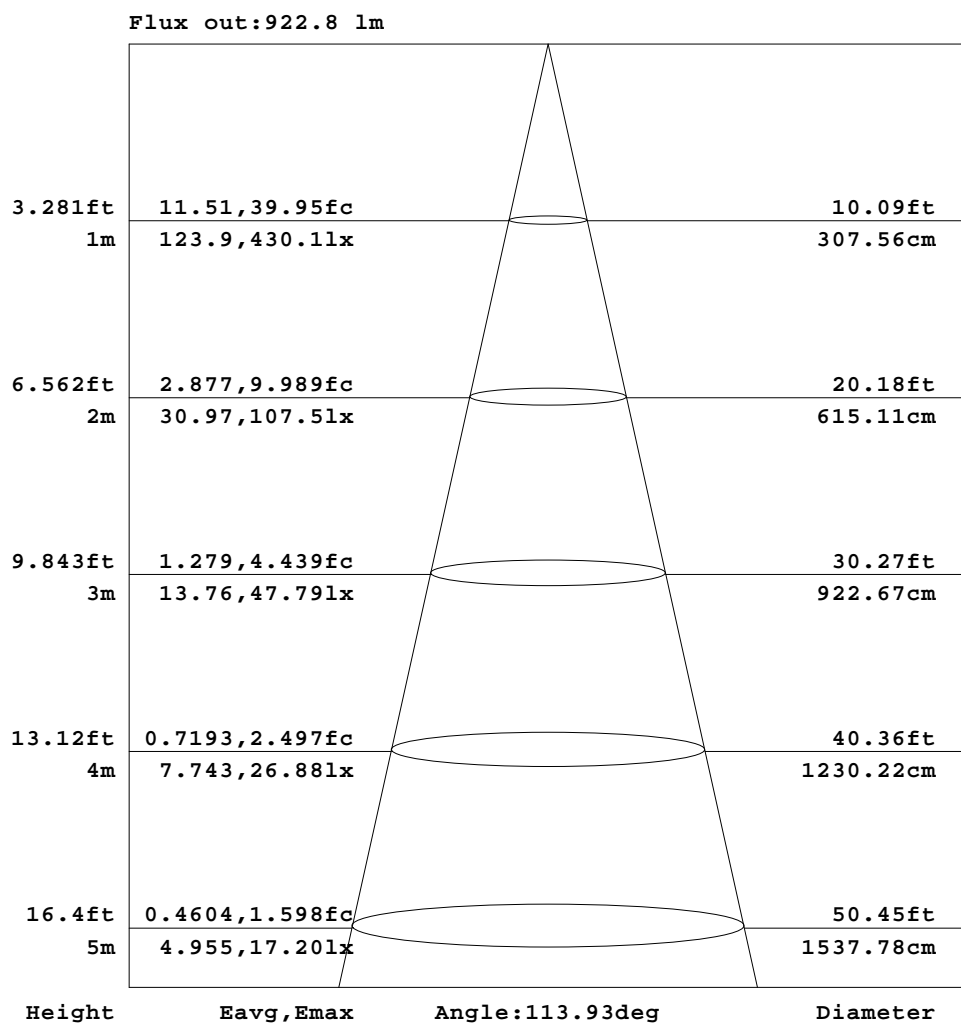
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHAIWW
Test Date:2024-06-18

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.750m [K=1.0000]
Remarks:



AAI Figure

NAME: IRIS TRIPOD 60	TYPE:LED灯	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:D600	PROTECTION ANGLE:



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

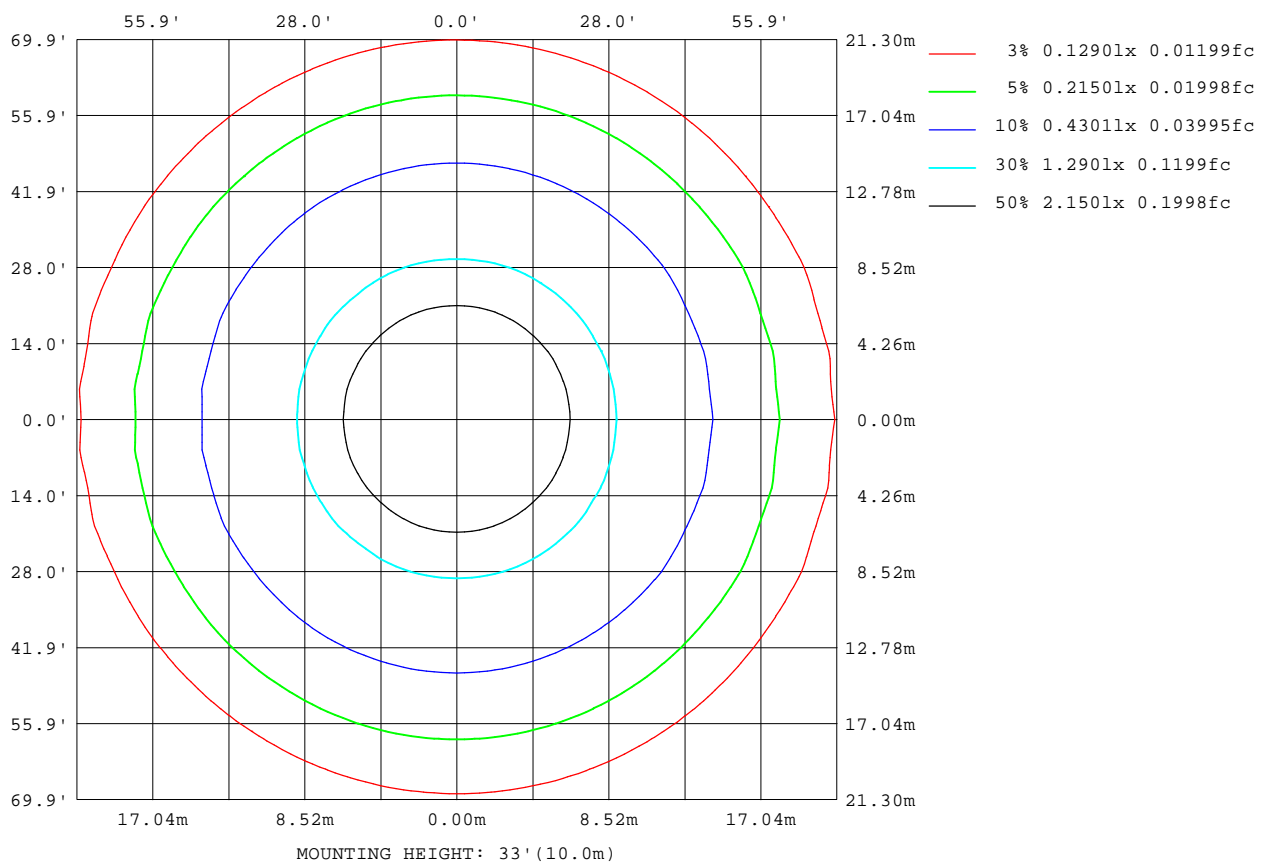
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHAIWW
Test Date:2024-06-18

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.750m [K=1.0000]
Remarks:



ISOLUX DIAGRAM

NAME: IRIS TRIPOD 60	TYPE:LED灯	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:D600	PROTECTION ANGLE:

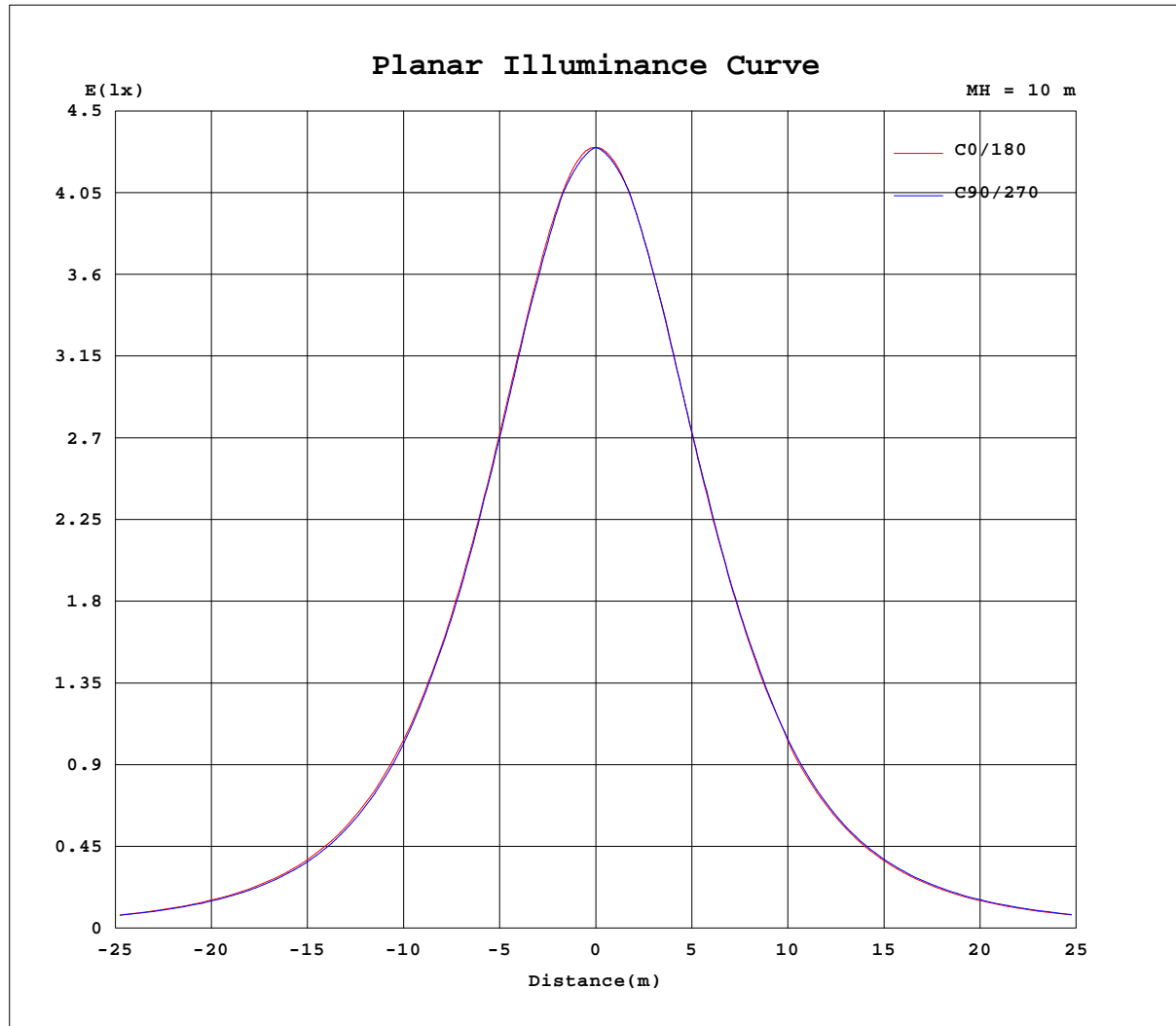


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZHAIWW
Test Date: 2024-06-18

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 9.750m [K=1.0000]
Remarks:



Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZHAIWW
Test Date: 2024-06-18

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 9.750m [K=1.0000]
Remarks: