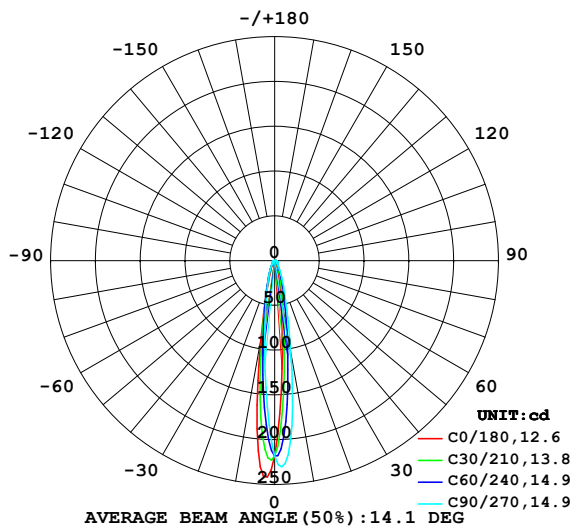


LUMINAIRE PHOTOMETRIC TEST REPORT

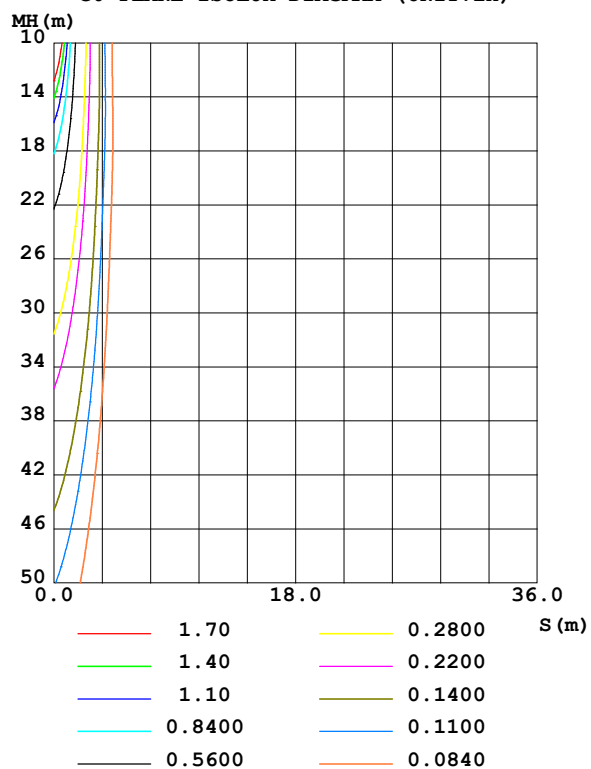
Test:U:24.000V I:0.0680A P:1.6300W PF:0.0000 Freq:49.99Hz Lamp Flux:40.489x1 lm		
NAME: 2w调焦磁吸轨道灯	TYPE:	WEIGHT:
SPEC.: 4000K/黑色8-60度	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 24.84 lm/W
MODEL	DC12V-24V	I _{max} (cd)	253.2	S/MH (C0/180)	0.30	
NOMINAL POWER(W)	2	LOR (%)	100.0	S/MH (C90/270)	0.20	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	40.489	□ UP,DN (C0-180)	0.0,53.9	
NOMINAL FLUX(lm)	40.489	CIE CLASS	DIRECT	□ UP,DN (C180-360)	0.0,46.1	
LAMPS INSIDE	1	□ up (%)	0.0	CIBSE SHR NOM	0.00	
TEST VOLTAGE(V)	219.5	□ down (%)	100.0	CIBSE SHR MAX	0.25	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:XLEN
Test Date:2022-06-17

□ Range: 0 - 90DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:9.420m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum, lamp
10	39.39	67.04	104.8	123.8	90.20	74.16	61.12	52.08	0- 10	12.49	12.49	30.9,30.9
20	11.33	19.42	27.72	29.20	16.41	20.84	20.51	17.44	10- 20	10.71	23.20	57.3,57.3
30	5.695	7.991	10.39	10.77	6.840	8.521	8.877	7.725	20- 30	5.986	29.19	72.1,72.1
40	3.110	4.090	4.910	4.880	3.758	4.298	4.407	4.114	30- 40	3.708	32.90	81.2,81.2
50	2.064	2.603	3.114	2.945	2.355	2.693	2.930	2.858	40- 50	2.561	35.46	87.6,87.6
60	1.515	1.887	2.540	2.462	1.825	2.097	2.239	2.210	50- 60	2.129	37.59	92.8,92.8
70	0.9358	1.216	1.878	1.977	1.370	1.470	1.465	1.405	60- 70	1.776	39.36	97.2,97.2
80	0.2232	0.2466	0.4898	0.5851	0.4639	0.4761	0.3340	0.3346	70- 80	1.014	40.38	99.7,99.7
90	0	0	0	0	0	0	0	0	80- 90	0.1117	40.49	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 34.263 lm

%lum = 84.6%

%lamp = 84.6%

Conical surface Flux(130deg): 38.535 lm

%lum = 95.2%

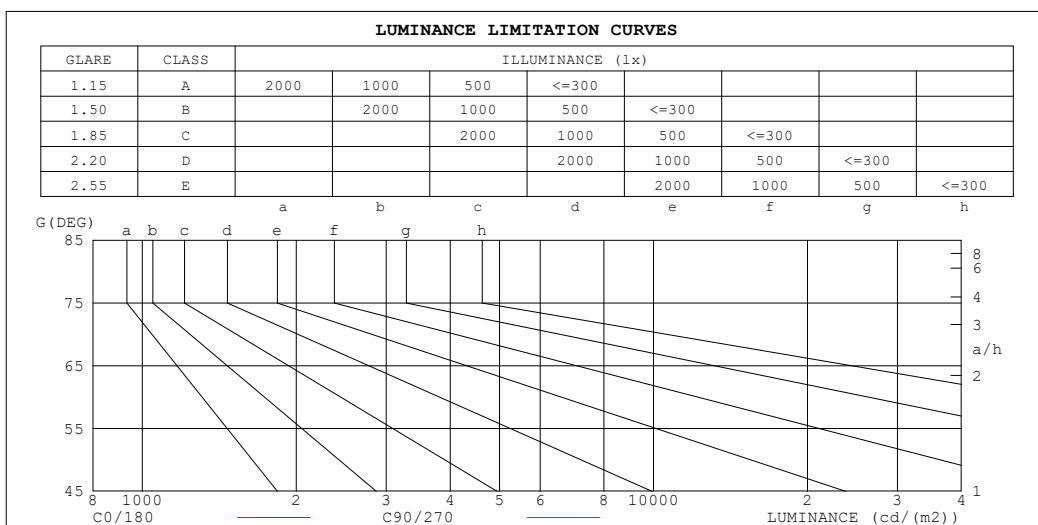
%lamp = 95.2%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:XLEN
 Test Date:2022-06-17

□ Range: 0 - 90DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
 Humidity:65.0%
 Test Distance:9.420m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.000V I:0.0680A P:1.6300W PF:0.0000 Freq:49.99Hz Lamp Flux:40.489x1 lm		
NAME: 2w调焦磁吸轨道灯	TYPE:	WEIGHT:
SPEC.: 4000K/黑色8-60度	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



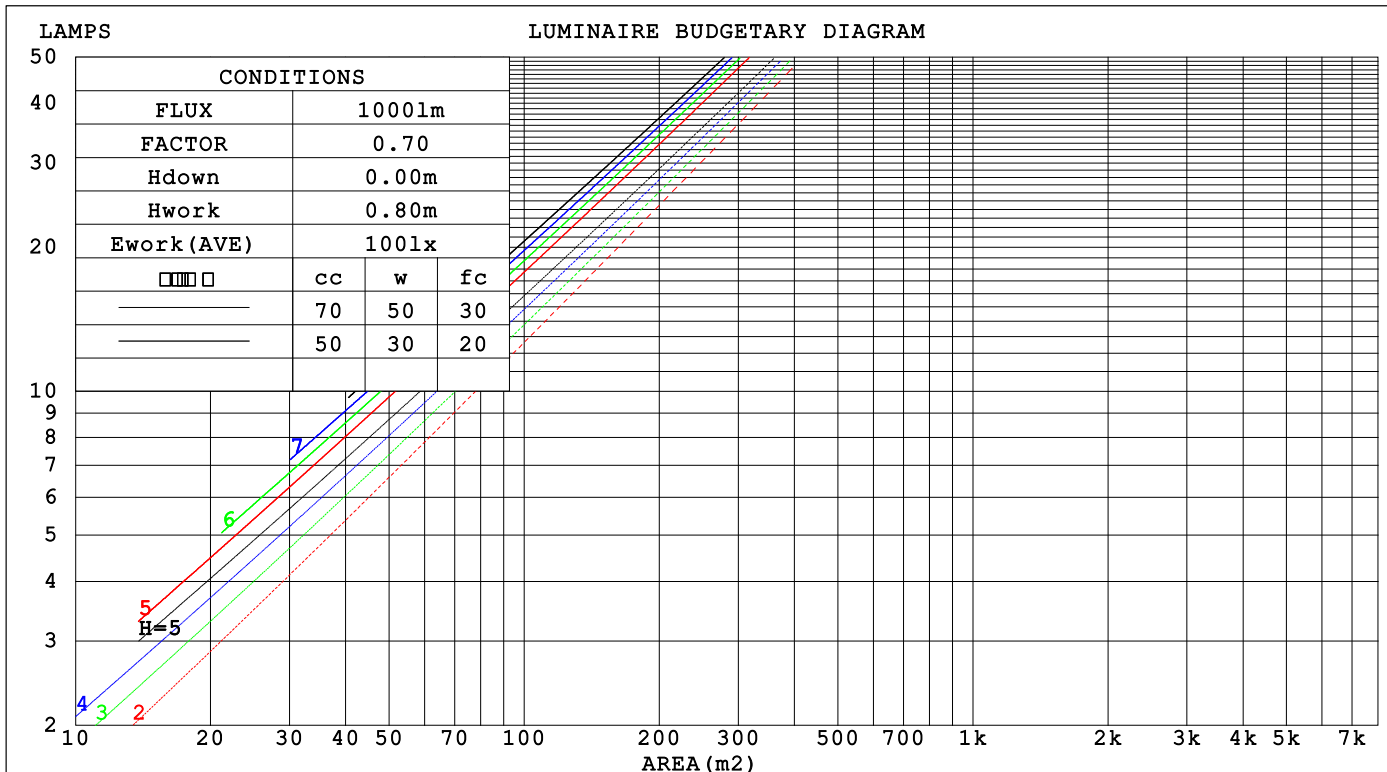
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: XLEN
Test Date: 2022-06-17

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity: 65.0%
Test Distance: 9.420m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.000V I:0.0680A P:1.6300W PF:0.0000 Freq:49.99Hz Lamp Flux:40.489x1 lm		
NAME: 2w调焦磁吸轨道灯	TYPE:	WEIGHT:
SPEC.: 4000K/黑色8-60度	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□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	1.00
1.0	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.95	.93
2.0	1.02	.98	.95	1.01	.97	.94	.97	.94	.92	.94	.92	.90	.92	.90	.88	.86
3.0	.96	.91	.87	.94	.90	.86	.92	.88	.85	.89	.86	.83	.87	.84	.82	.80
4.0	.90	.85	.81	.89	.84	.80	.87	.83	.79	.85	.81	.78	.83	.80	.77	.76
5.0	.85	.80	.76	.85	.79	.75	.83	.78	.75	.81	.77	.74	.80	.76	.73	.72
6.0	.81	.76	.72	.81	.75	.71	.79	.74	.71	.78	.74	.70	.76	.73	.70	.69
7.0	.78	.72	.68	.77	.72	.68	.76	.71	.68	.75	.71	.67	.74	.70	.67	.66
8.0	.75	.69	.65	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.64	.63
9.0	.72	.66	.63	.71	.66	.63	.70	.66	.63	.70	.65	.62	.69	.65	.62	.61
10.0	.69	.64	.61	.69	.64	.61	.68	.64	.60	.67	.63	.60	.67	.63	.60	.59



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:XLEN
Test Date:2022-06-17

□ Range: 0 - 90DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:9.420m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.000V I:0.0680A P:1.6300W PF:0.0000 Freq:49.99Hz Lamp Flux:40.489x1 lm		
NAME: 2w调焦磁吸轨道灯	TYPE:	WEIGHT:
SPEC.: 4000K/黑色8-60度	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio		Wall Exitance Coefficients(WEC)			
0.0						
1.0	.188 .107 .034	.182 .104 .033	.169 .097 .031	.157 .091 .029	.147 .085 .027	
2.0	.177 .097 .030	.172 .094 .029	.161 .089 .028	.151 .085 .027	.142 .080 .025	
3.0	.165 .088 .026	.160 .086 .026	.151 .082 .025	.142 .078 .024	.135 .075 .023	
4.0	.153 .080 .023	.149 .078 .023	.141 .075 .022	.134 .072 .022	.127 .069 .021	
5.0	.143 .073 .021	.139 .071 .021	.132 .069 .020	.126 .067 .020	.120 .064 .019	
6.0	.133 .067 .019	.130 .066 .019	.125 .064 .019	.119 .062 .018	.114 .060 .018	
7.0	.125 .062 .018	.123 .061 .017	.117 .059 .017	.113 .058 .017	.108 .056 .017	
8.0	.118 .058 .016	.116 .057 .016	.111 .056 .016	.107 .054 .016	.103 .053 .015	
9.0	.112 .054 .015	.110 .053 .015	.105 .052 .015	.102 .051 .015	.098 .050 .014	
10.0	.106 .051 .014	.104 .050 .014	.100 .049 .014	.097 .048 .014	.094 .047 .014	

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	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	.172 .157 .144	.147 .135 .124	.101 .093 .086	.058 .054 .050	.019 .017 .016	
2.0	.157 .132 .112	.134 .114 .097	.092 .079 .067	.053 .046 .040	.017 .015 .013	
3.0	.144 .114 .089	.124 .098 .077	.085 .068 .054	.049 .040 .032	.016 .013 .010	
4.0	.133 .099 .073	.114 .085 .063	.079 .060 .044	.045 .035 .026	.015 .011 .009	
5.0	.124 .087 .060	.106 .075 .052	.073 .053 .037	.042 .031 .022	.014 .010 .007	
6.0	.115 .078 .051	.099 .067 .044	.068 .047 .031	.040 .028 .019	.013 .009 .006	
7.0	.108 .070 .043	.093 .060 .038	.064 .042 .027	.037 .025 .016	.012 .008 .005	
8.0	.101 .063 .037	.087 .055 .033	.060 .039 .023	.035 .023 .014	.011 .007 .005	
9.0	.095 .058 .033	.082 .050 .028	.057 .035 .020	.033 .021 .012	.011 .007 .004	
10.0	.090 .053 .029	.078 .046 .025	.054 .032 .018	.031 .019 .011	.010 .006 .004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:XLEN
Test Date:2022-06-17

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:9.420m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.000V I:0.0680A P:1.6300W PF:0.0000 Freq:49.99Hz Lamp Flux:40.489x1 lm										
NAME: 2W调焦磁吸轨道灯					TYPE:			WEIGHT:		
SPEC.: 4000K/黑色8-60度					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:			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	9.0	9.9	9.2	10.1	10.2	9.5	10.4	9.7	10.5	10.7
3H	10.4	11.2	10.7	11.4	11.6	11.3	12.1	11.6	12.3	12.5
4H	10.9	11.7	11.2	11.9	12.1	12.1	12.9	12.3	13.1	13.3
6H	11.0	11.8	11.3	12.0	12.3	12.4	13.1	12.7	13.4	13.6
8H	11.0	11.7	11.3	12.0	12.3	12.4	13.1	12.7	13.4	13.7
12H	11.0	11.7	11.3	11.9	12.2	12.4	13.1	12.7	13.4	13.6
4H 2H	9.6	10.5	9.9	10.7	10.9	10.0	10.8	10.3	11.0	11.3
3H	11.2	11.9	11.5	12.2	12.5	11.9	12.6	12.3	12.9	13.2
4H	11.8	12.4	12.1	12.7	13.0	12.8	13.4	13.1	13.7	14.0
6H	11.9	12.5	12.3	12.8	13.2	13.1	13.7	13.5	14.0	14.4
8H	11.9	12.4	12.3	12.8	13.2	13.1	13.7	13.5	14.0	14.4
12H	11.9	12.4	12.3	12.7	13.1	13.1	13.6	13.5	14.0	14.4
8H 4H	12.0	12.5	12.3	12.8	13.2	12.9	13.4	13.3	13.8	14.1
6H	12.2	12.6	12.6	13.0	13.4	13.3	13.7	13.7	14.1	14.5
8H	12.1	12.5	12.6	13.0	13.4	13.3	13.7	13.7	14.1	14.6
12H	12.1	12.4	12.6	12.9	13.3	13.3	13.6	13.7	14.1	14.5
12H 4H	11.9	12.4	12.3	12.8	13.2	12.8	13.3	13.2	13.7	14.1
6H	12.1	12.5	12.6	13.0	13.4	13.2	13.6	13.7	14.0	14.5
8H	12.1	12.5	12.6	12.9	13.4	13.3	13.6	13.7	14.1	14.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.3 / - 0.3					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.1					+ 0.4 / - 0.3				
2.0H	+ 0.3 / - 0.3					+ 0.4 / - 0.5				

CIE Pub.117, 40.49 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -11.1)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:XLEN
Test Date:2022-06-17

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:9.420m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.000V I:0.0680A P:1.6300W PF:0.0000 Freq:49.99Hz Lamp Flux:40.489x1 lm		
NAME: 2w调焦磁吸轨道灯	TYPE:	WEIGHT:
SPEC.: 4000K/黑色8-60度	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

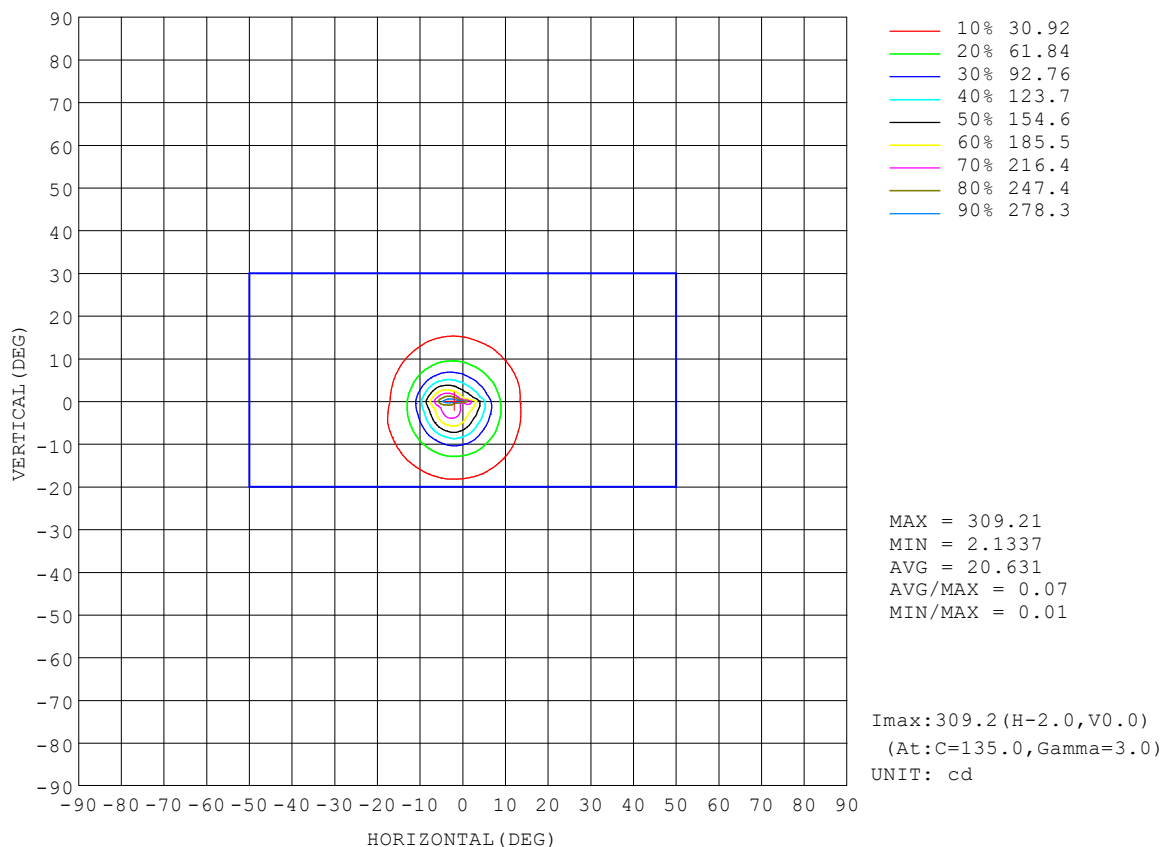
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	80	72	68	80	72	68	79	72	68	63
0.80	88	81	76	87	80	76	86	80	76	71
1.00	93	86	82	92	86	81	91	86	81	76
1.25	98	91	87	97	91	87	95	90	86	81
1.50	101	95	91	100	94	90	97	93	89	84
2.00	105	100	96	103	99	95	101	97	93	87
2.50	107	102	99	106	101	98	102	99	96	89
3.00	109	105	102	107	104	100	104	101	98	91
4.00	112	108	106	110	107	104	106	104	102	94
5.00	114	111	108	111	109	107	107	105	104	96
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: XLEN
Test Date: 2022-06-17

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity: 65.0%
Test Distance: 9.420m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.000V I:0.0680A P:1.6300W PF:0.0000 Freq:49.99Hz Lamp Flux:40.489x1 lm		
NAME: 2w调焦磁吸轨道灯	TYPE:	WEIGHT:
SPEC.: 4000K/黑色8-60度	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

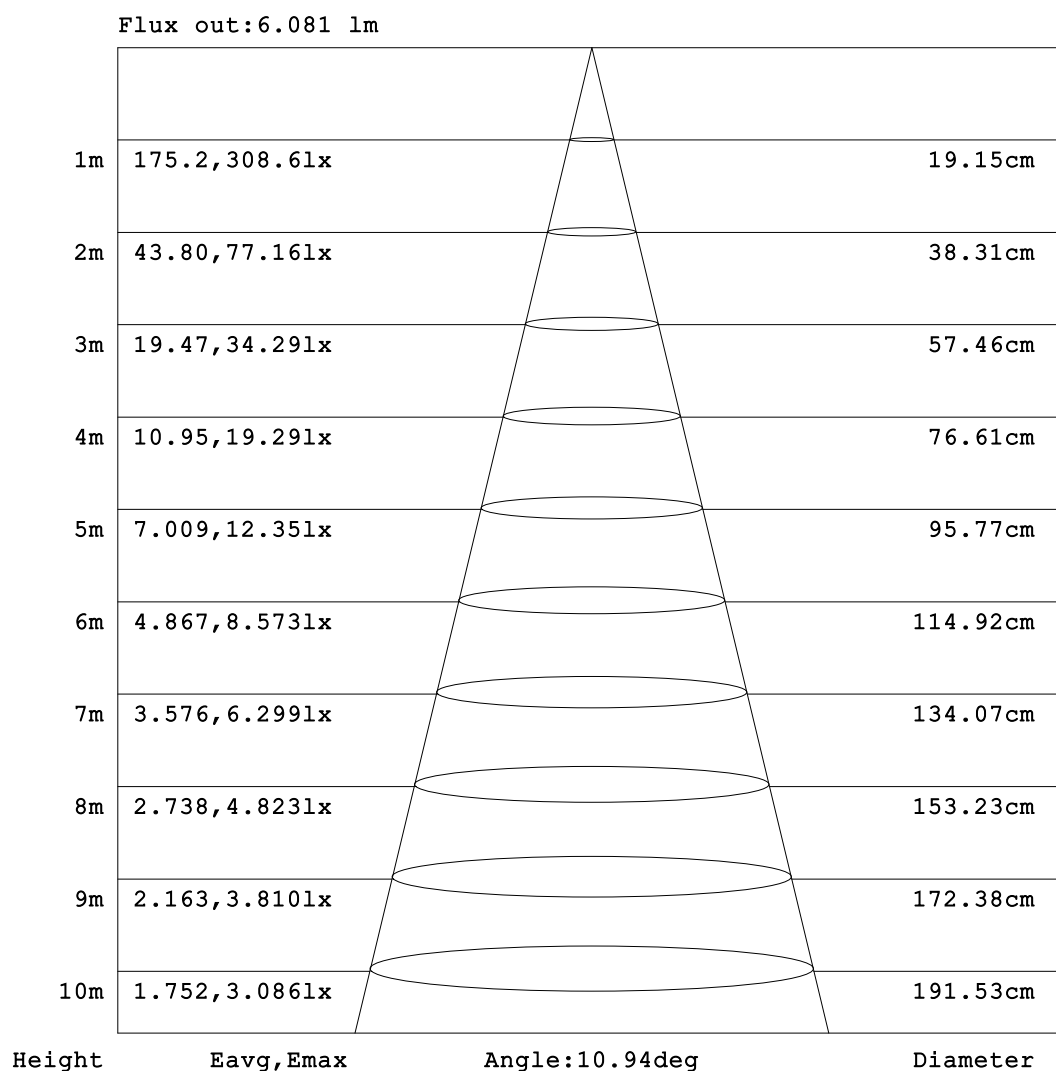


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:XLEN
Test Date:2022-06-17

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:9.420m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.000V I:0.0680A P:1.6300W PF:0.0000 Freq:49.99Hz Lamp Flux:40.489x1 lm		
NAME: 2w调焦磁吸轨道灯	TYPE:	WEIGHT:
SPEC.: 4000K/黑色8-60度	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



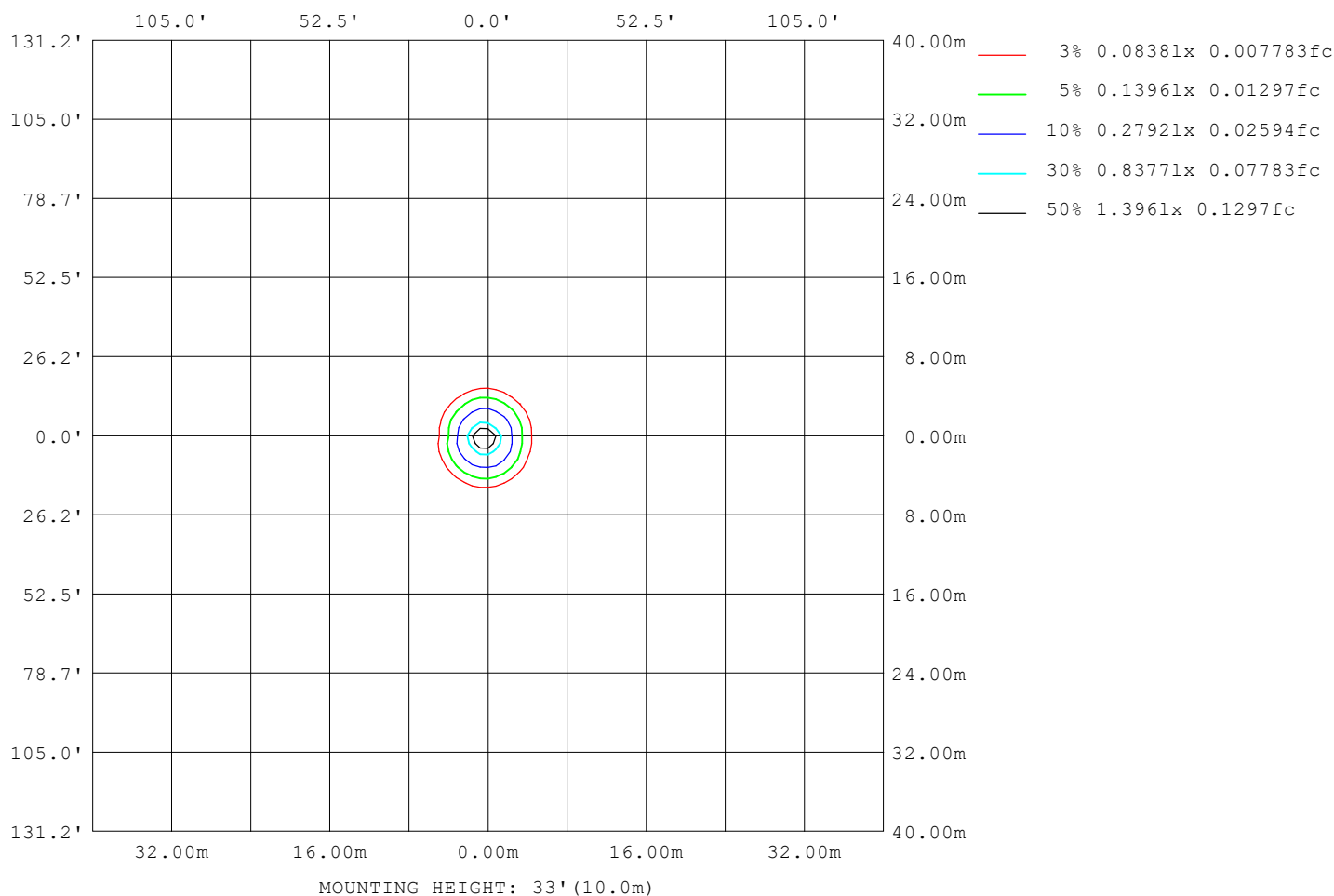
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:XLEN
 Test Date:2022-06-17

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
 Humidity:65.0%
 Test Distance:9.420m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.000V I:0.0680A P:1.6300W PF:0.0000 Freq:49.99Hz Lamp Flux:40.489x1 lm		
NAME: 2w调焦磁吸轨道灯	TYPE:	WEIGHT:
SPEC.: 4000K/黑色8-60度	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:XLEN
Test Date:2022-06-17

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:9.420m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:24.000V I:0.0680A P:1.6300W PF:0.0000 Freq:49.99Hz Lamp Flux:40.489x1 lm		
NAME: 2w调焦磁吸轨道灯	TYPE:	WEIGHT:
SPEC.: 4000K/黑色8-60度	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

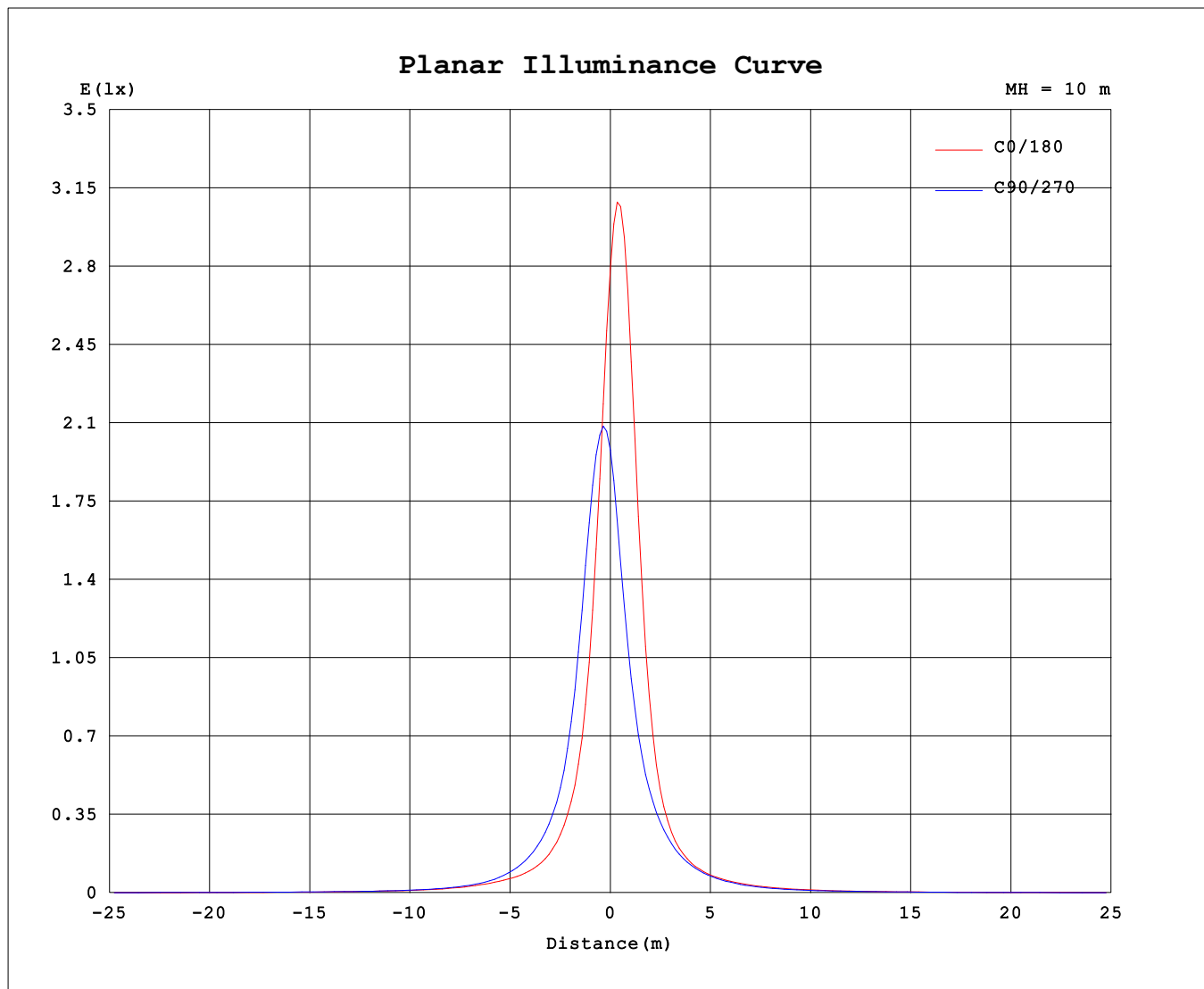
AvgL	cd/m2
L_0~180 (65) av	34
L_0~180 (75) av	31
L_0~180 (85) av	4
L_90~270 (65) av	50
L_90~270 (75) av	44
L_90~270 (85) av	5
L_45 (65) av	45
L_45 (75) av	41
L_45 (85) av	5

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:XLEN
Test Date:2022-06-17

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:9.420m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: XLEN
 Test Date: 2022-06-17

☐ Range: 0 - 90DEG
☐ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
 Humidity: 65.0%
 Test Distance: 9.420m [K=1.0000]
 Remarks:

```

Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:9.420m [K=1.0000]
Remarks:

```

Test:U:24.000V I:0.0680A P:1.6300W PF:0.0000 Freq:49.99Hz Lamp Flux:40.489x1 lm		
NAME: 2W调焦磁吸轨道灯	TYPE:	WEIGHT:
SPEC.: 4000K/黑色8-60度	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

UNIT: cd

[illegible]

```

Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:9.420m [K=1.0000]
Remarks:

```