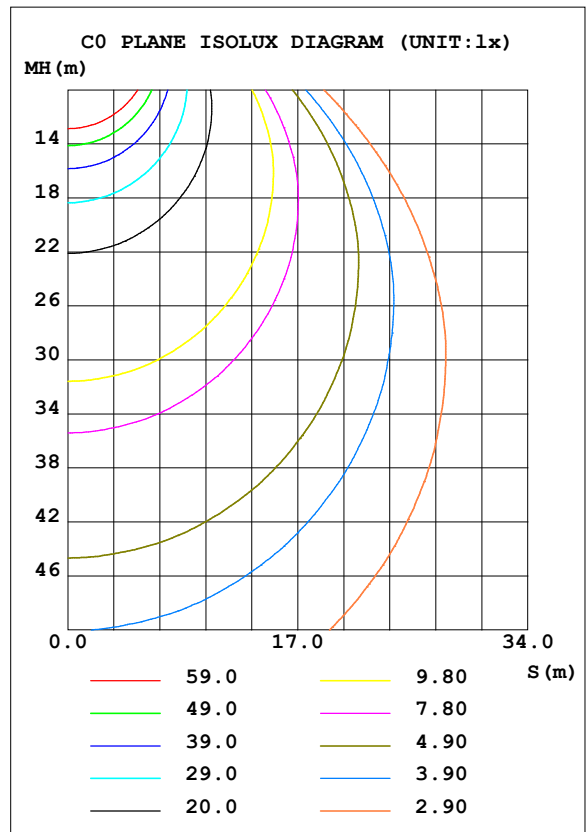
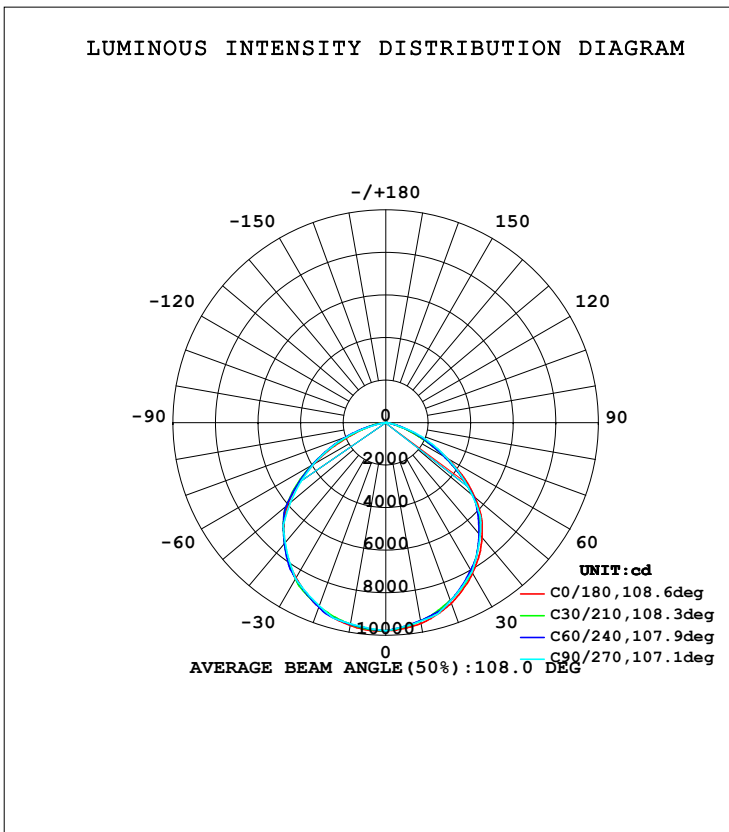


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.1V I:0.8301A P:186.3W PF:0.9753 Lamp Flux:25045.9x1 lm		
NAME: 经济款工矿灯过EMC200W 230V 6500K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: MKOPTO	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 134.47 lm/W			
MODEL		I _{max} (cd)	9799	S/MH (C0/180)	1.24
NOMINAL POWER (W)	192	LOR (%)	100.0	S/MH (C90/270)	1.23
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	25046	η UP, DN (C0-180)	0.0, 48.4
NOMINAL FLUX (lm)	25045.9	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 51.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230.1	η down (%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-10-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity: 55.0%
 Test Distance: 8.852m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	9710	9632	9630	9684	9782	9724	9691	9677	0- 5	232.5	232.5	0.93,0.93
10	9588	9440	9479	9527	9679	9617	9602	9534	5- 10	687.8	920.3	3.67,3.67
15	9340	9218	9328	9320	9493	9455	9512	9355	10- 15	1121	2042	8.15,8.15
20	9029	8927	8917	9083	9214	9265	9167	9115	15- 20	1518	3560	14.2,14.2
25	8618	8490	8505	8666	8850	8877	8822	8718	20- 25	1860	5420	21.6,21.6
30	8170	7996	8094	8194	8434	8447	8477	8263	25- 30	2142	7562	30.2,30.2
35	7650	7488	7499	7704	7952	7988	7922	7779	30- 35	2356	9918	39.6,39.6
40	7043	6908	6905	7157	7395	7501	7367	7243	35- 40	2485	12403	49.5,49.5
45	6374	6090	6310	6379	6779	6803	6812	6453	40- 45	2527	14930	59.6,59.6
50	5477	5218	5307	5544	6029	6058	5854	5609	45- 50	2460	17390	69.4,69.4
55	4463	4296	4304	4665	5042	5264	4897	4694	50- 55	2244	19635	78.4,78.4
60	3318	3169	3302	3563	3925	4064	3939	3573	55- 60	1908	21542	86,86
65	2217	2083	2416	2482	2774	2892	2937	2500	60- 65	1487	23029	91.9,91.9
70	1255	1238	1530	1588	1683	1893	1935	1601	65- 70	1042	24070	96.1,96.1
75	626.5	691.8	643.7	945.3	902.8	1131	933.0	937.4	70- 75	630.2	24701	98.6,98.6
80	255.8	210.2	0	344.9	437.0	415.4	0	330.8	75- 80	282.9	24984	99.8,99.8
85	46.95	0	0	0	159.6	0	0	0	80- 85	57.96	25042	100,100
90	9.357	0	0	0	12.15	0	0	0	85- 90	4.354	25046	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			

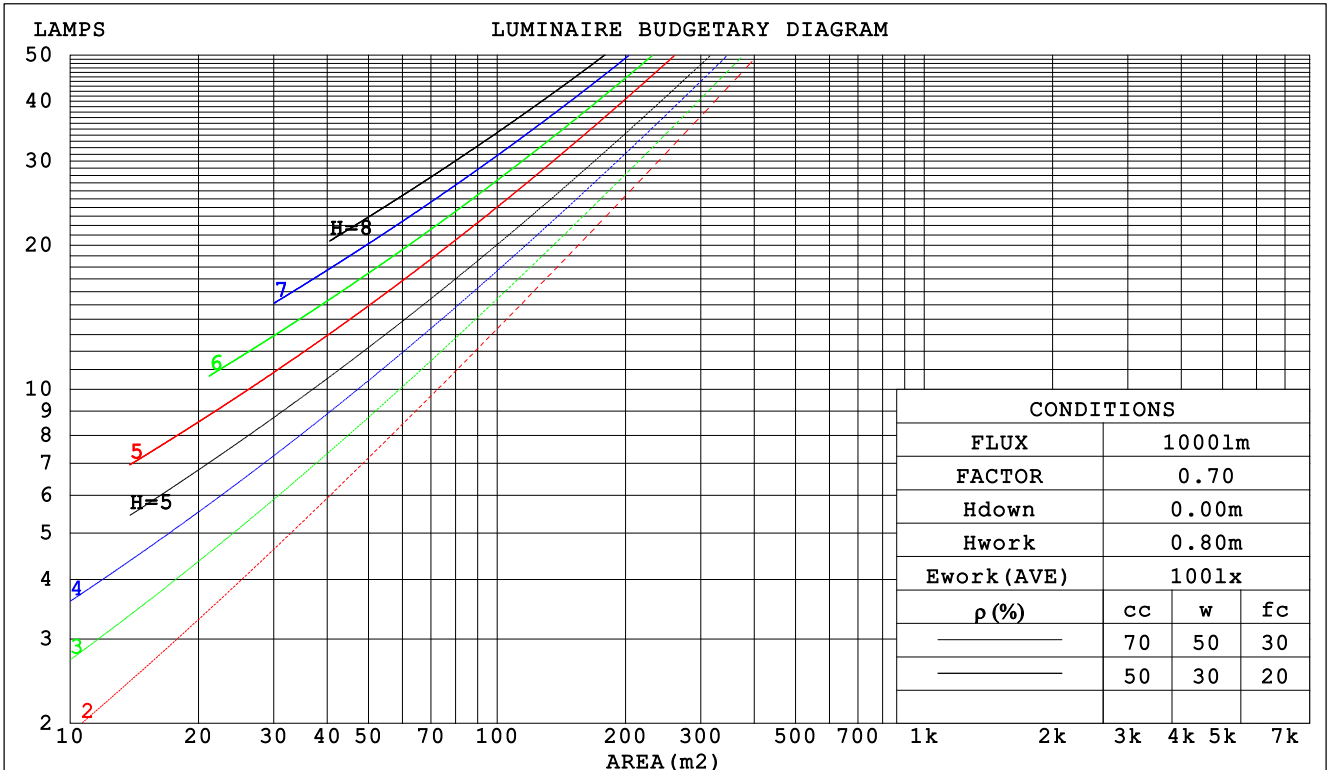
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity:55.0%
 Test Distance:8.852m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.1V I:0.8301A P:186.3W PF:0.9753 Lamp Flux:25045.9x1 lm		
NAME: 经济款工矿灯过EMC200W 230V 6500K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: MKOPTO	SUR.:	PROTECTION 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	1.19	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	1.06	1.02	.99	1.04	1.00	.97	.90	.97	.94	.96	.93	.91	.92	.90	.89	.87
2.0	.93	.87	.82	.92	.86	.81	.88	.83	.79	.85	.81	.77	.82	.79	.76	.74
3.0	.83	.75	.69	.81	.74	.68	.78	.72	.67	.75	.70	.66	.73	.69	.65	.63
4.0	.74	.65	.59	.72	.64	.58	.70	.63	.58	.67	.62	.57	.65	.60	.56	.54
5.0	.66	.57	.51	.65	.57	.51	.63	.56	.50	.61	.55	.50	.59	.53	.49	.47
6.0	.59	.51	.45	.58	.50	.44	.57	.49	.44	.55	.49	.44	.53	.48	.43	.41
7.0	.54	.45	.39	.53	.45	.39	.52	.44	.39	.50	.44	.39	.49	.43	.39	.37
8.0	.49	.41	.35	.49	.41	.35	.47	.40	.35	.46	.39	.35	.45	.39	.35	.33
9.0	.45	.37	.32	.45	.37	.32	.43	.36	.32	.42	.36	.31	.41	.36	.31	.29
10.0	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.38	.33	.28	.27



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity:55.0%
 Test Distance:8.852m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:230.1V I:0.8301A P:186.3W PF:0.9753 Lamp Flux:25045.9x1 lm		
NAME: 经济款工矿灯过EMC200W 230V 6500K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: MKOPTO	SUR.:	PROTECTION 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						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.270	.154	.049	.263	.150	.048	.250	.143	.046	.238	.137	.044	.227	.132	.042	
2.0	.263	.144	.044	.257	.142	.044	.246	.137	.042	.235	.132	.041	.226	.128	.040	
3.0	.249	.133	.040	.244	.131	.039	.234	.127	.038	.224	.123	.038	.216	.119	.037	
4.0	.234	.121	.036	.229	.120	.035	.220	.117	.035	.212	.114	.034	.204	.111	.034	
5.0	.218	.111	.032	.214	.110	.032	.206	.107	.032	.199	.105	.031	.192	.103	.031	
6.0	.204	.102	.029	.200	.101	.029	.193	.099	.029	.187	.097	.029	.181	.095	.028	
7.0	.191	.095	.027	.188	.094	.027	.182	.092	.026	.176	.090	.026	.170	.088	.026	
8.0	.180	.088	.025	.177	.087	.025	.171	.085	.024	.166	.084	.024	.161	.082	.024	
9.0	.169	.082	.023	.166	.081	.023	.161	.080	.023	.156	.078	.022	.152	.077	.022	
10.0	.159	.076	.021	.157	.076	.021	.152	.075	.021	.148	.074	.021	.144	.072	.021	

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						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.178	.156	.138	.152	.134	.118	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.168	.132	.101	.144	.114	.088	.099	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.160	.114	.077	.138	.098	.067	.094	.068	.047	.055	.040	.028	.018	.013	.009	
4.0	.153	.101	.061	.131	.087	.053	.090	.061	.037	.052	.035	.022	.017	.012	.007	
5.0	.146	.090	.049	.125	.078	.043	.086	.054	.030	.050	.032	.018	.016	.010	.006	
6.0	.139	.082	.040	.120	.071	.035	.082	.050	.025	.048	.029	.015	.015	.010	.005	
7.0	.133	.075	.034	.114	.065	.030	.079	.045	.021	.046	.027	.013	.015	.009	.004	
8.0	.126	.069	.029	.109	.060	.026	.075	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.121	.064	.026	.104	.056	.022	.072	.039	.016	.042	.023	.010	.014	.008	.003	
10.0	.115	.060	.023	.099	.052	.020	.069	.037	.014	.040	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity:55.0%
 Test Distance:8.852m [K=1.0000]
 Remarks:

Uncorrected UGR Table

Test:U:230.1V I:0.8301A P:186.3W PF:0.9753 Lamp Flux:25045.9x1 lm										
NAME: 经济款工矿灯过EMC200W 230V 6500K					TYPE:			WEIGHT:		
DIM.:					SPEC.:			SERIAL No.:		
MFR.: MKOPTO					SUR.:			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	31.7	33.1	31.9	33.3	33.5	31.7	33.1	32.0	33.3	33.5
3H	32.2	33.6	32.5	33.8	34.0	32.5	33.9	32.8	34.1	34.3
4H	32.3	33.6	32.6	33.8	34.0	32.6	33.9	32.9	34.1	34.4
6H	32.3	33.5	32.6	33.7	34.0	32.6	33.7	32.9	34.0	34.3
8H	32.2	33.4	32.6	33.7	33.9	32.5	33.7	32.9	33.9	34.2
12H	32.2	33.3	32.5	33.6	33.9	32.5	33.6	32.8	33.8	34.1
4H 2H	32.0	33.2	32.3	33.5	33.7	32.0	33.3	32.3	33.5	33.8
3H	32.6	33.7	33.0	34.0	34.3	32.9	34.0	33.3	34.3	34.6
4H	32.7	33.7	33.1	34.0	34.4	33.1	34.1	33.5	34.4	34.7
6H	32.8	33.6	33.2	34.0	34.3	33.1	33.9	33.5	34.3	34.6
8H	32.7	33.5	33.1	33.9	34.3	33.0	33.8	33.4	34.2	34.6
12H	32.7	33.4	33.1	33.8	34.2	33.0	33.7	33.4	34.1	34.5
8H 4H	32.8	33.6	33.2	33.9	34.3	33.1	33.9	33.5	34.3	34.7
6H	32.8	33.5	33.3	33.9	34.3	33.1	33.7	33.5	34.1	34.6
8H	32.8	33.4	33.3	33.8	34.3	33.0	33.6	33.5	34.0	34.5
12H	32.8	33.3	33.3	33.7	34.2	33.0	33.5	33.5	33.9	34.4
12H 4H	32.7	33.5	33.1	33.8	34.2	33.1	33.8	33.5	34.2	34.6
6H	32.8	33.4	33.2	33.8	34.2	33.0	33.6	33.5	34.0	34.5
8H	32.8	33.3	33.3	33.7	34.2	33.0	33.5	33.5	33.9	34.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.4				
1.5H	+ 0.3 / - 0.5					+ 0.2 / - 0.6				
2.0H	+ 0.9 / - 1.1					+ 0.8 / - 1.2				

CIE Pub.117 Corrected 25046 lm Total Lamp Luminous Flux. (8log(F/F0) = 11.2)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity:55.0%
 Test Distance:8.852m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.1V I:0.8301A P:186.3W PF:0.9753 Lamp Flux:25045.9x1 lm		
NAME: 经济款工矿灯过EMC200W 230V 6500K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: MKOPTO	SUR.:	PROTECTION ANGLE:

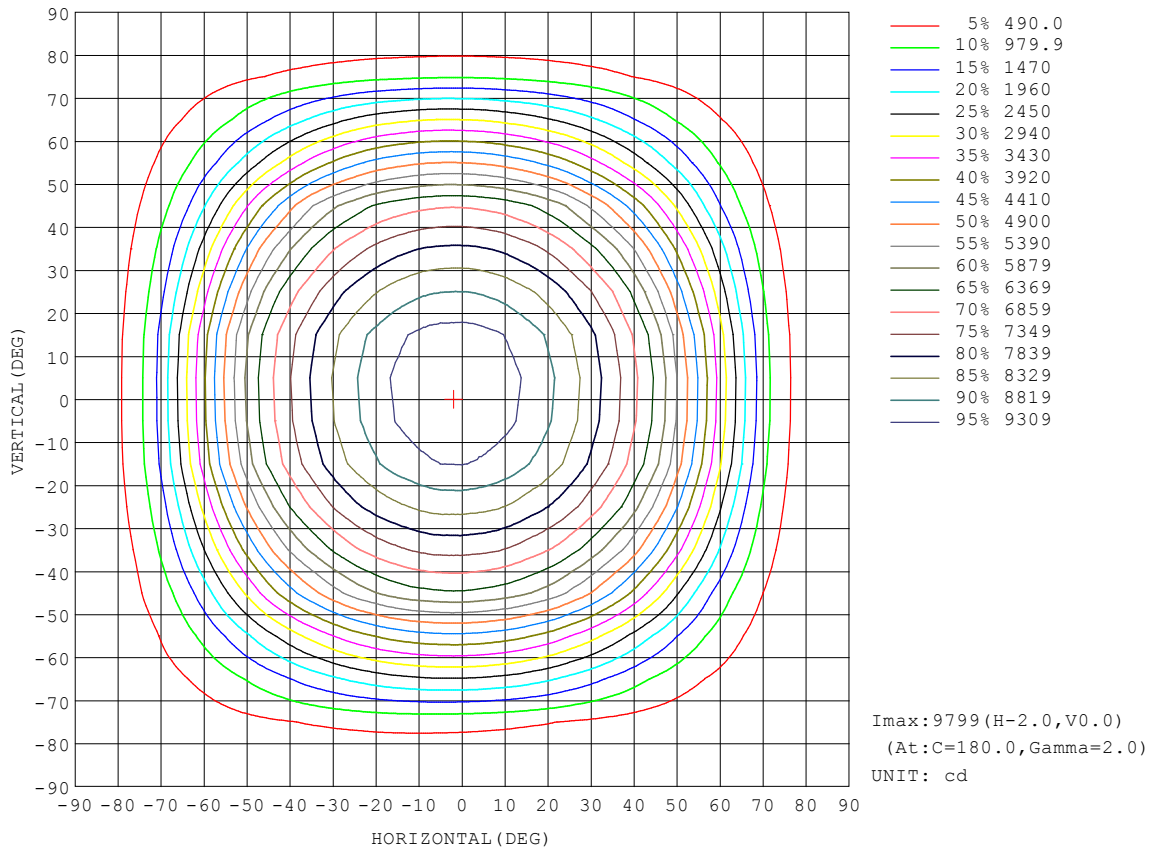
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	49	42	59	48	42	58	48	42	35
0.80	70	59	52	69	59	52	68	58	52	45
1.00	79	69	62	78	68	62	76	69	61	54
1.25	86	77	70	85	76	70	82	75	69	62
1.50	91	82	76	90	81	75	87	80	74	67
2.00	98	90	84	96	89	84	93	87	82	75
2.50	101	94	89	99	93	88	96	90	86	78
3.00	104	98	93	102	97	92	98	94	90	82
4.00	108	103	99	106	101	98	102	98	95	86
5.00	110	106	102	108	104	101	103	100	98	89
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: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity:55.0%
 Test Distance:8.852m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.1V I:0.8301A P:186.3W PF:0.9753 Lamp Flux:25045.9x1 lm		
NAME: 经济款工矿灯过EMC200W 230V 6500K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: MKOPTO	SUR.:	PROTECTION ANGLE:

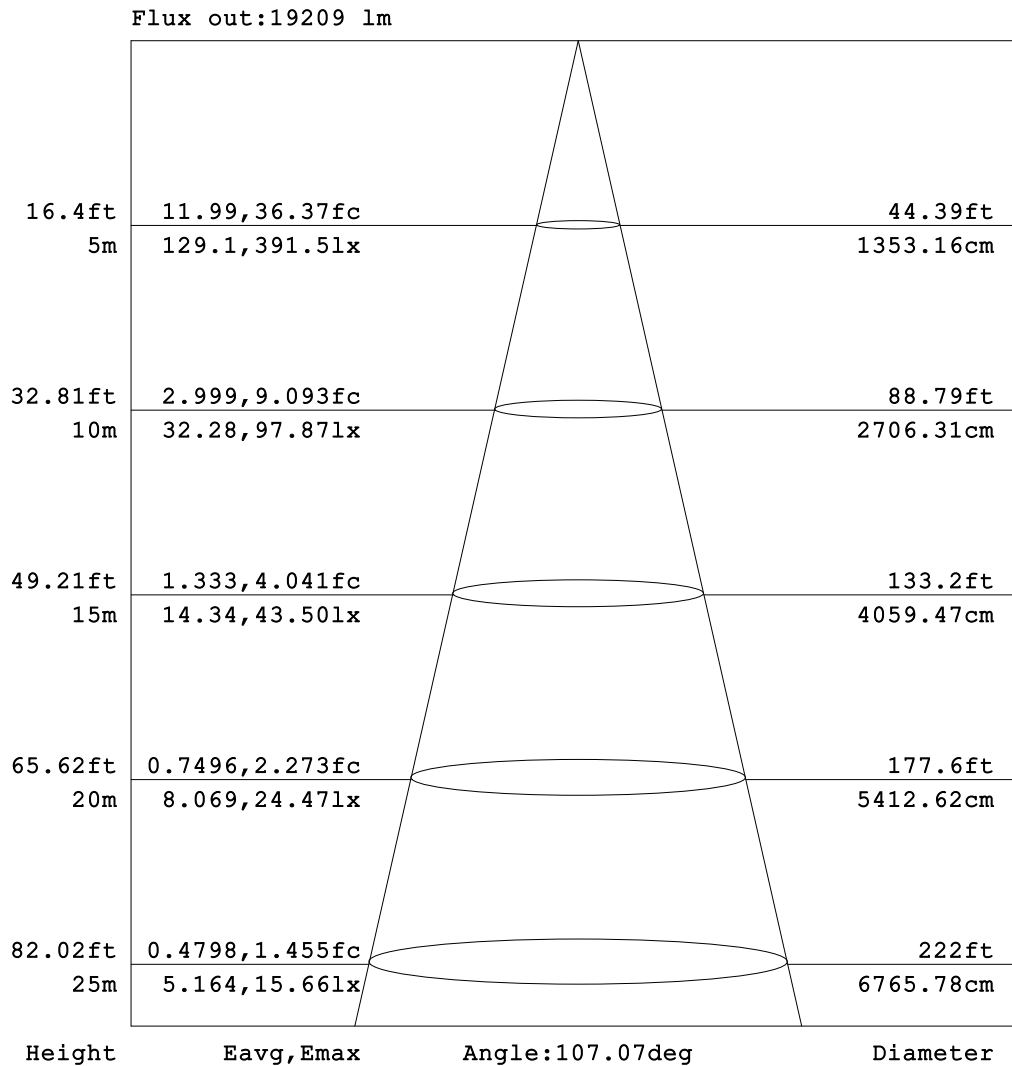


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-10-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity: 55.0%
 Test Distance: 8.852m [K=1.0000]
 Remarks:

AAI Figure

Test:U:230.1V I:0.8301A P:186.3W PF:0.9753 Lamp Flux:25045.9x1 lm		
NAME: 经济款工矿灯过EMC200W 230V 6500K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: MKOPTO	SUR.:	PROTECTION ANGLE:



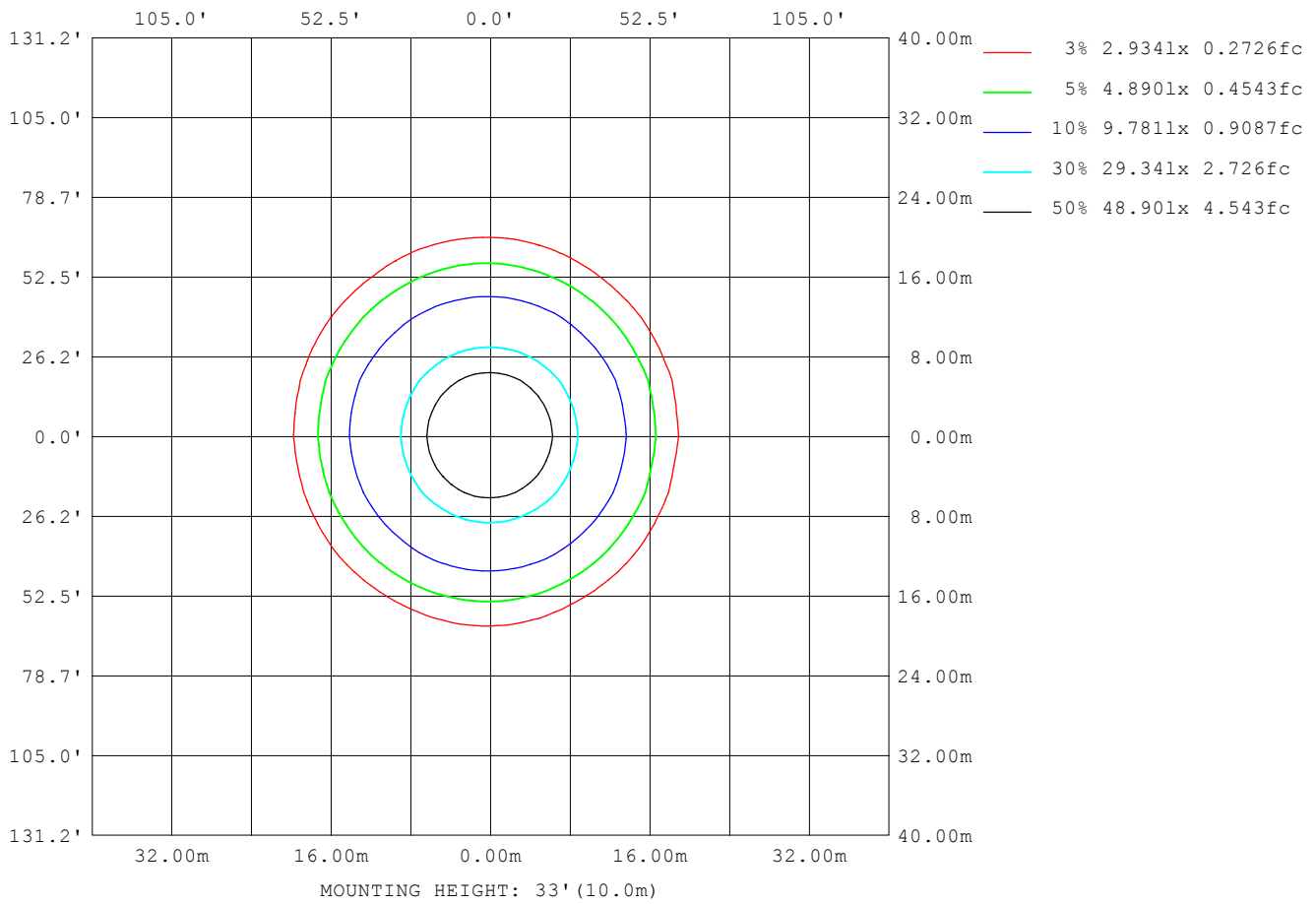
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity:55.0%
 Test Distance:8.852m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

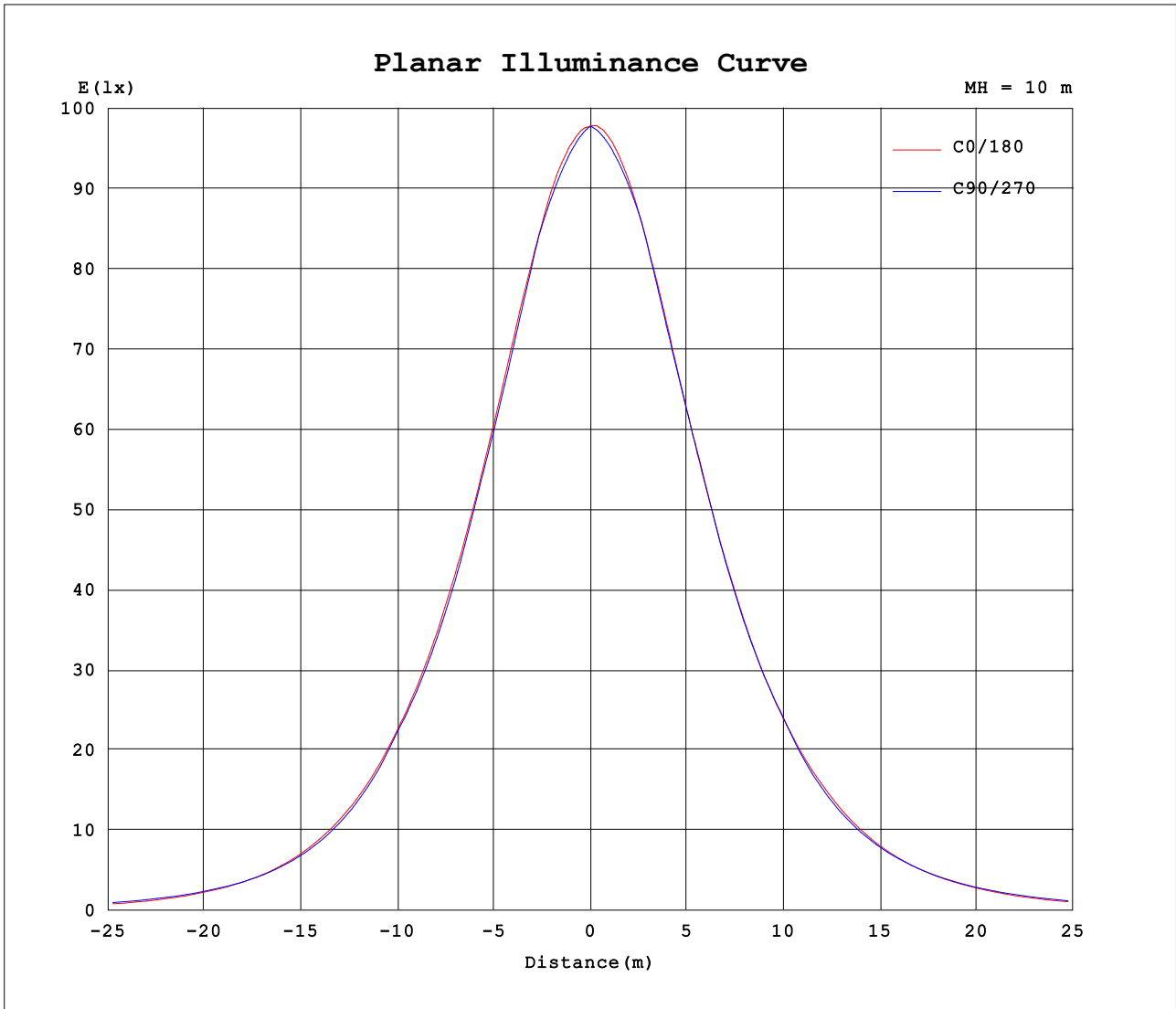
Test:U:230.1V I:0.8301A P:186.3W PF:0.9753 Lamp Flux:25045.9x1 lm		
NAME: 经济款工矿灯过EMC200W 230V 6500K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: MKOPTO	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-10-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity: 55.0%
 Test Distance: 8.852m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-10-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity: 55.0%
 Test Distance: 8.852m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.1V I:0.8301A P:186.3W PF:0.9753 Lamp Flux:25045.9x1 lm		
NAME: 经济款工矿灯过EMC200W 230V 6500K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: MKOPTO	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781
5	9710	9697	9685	9675	9666	9658	9650	9642	9636	9632	9631	9630	9626	9624	9623	9623	9622	9623	9630
10	9588	9560	9535	9513	9494	9477	9464	9454	9447	9440	9441	9441	9441	9444	9453	9458	9462	9468	9479
15	9340	9300	9265	9237	9218	9207	9204	9208	9213	9218	9220	9229	9243	9253	9270	9278	9298	9310	9328
20	9029	8980	8942	8911	8894	8886	8888	8887	8903	8927	8938	8925	8905	8901	8892	8895	8897	8900	8917
25	8618	8563	8525	8504	8499	8504	8526	8553	8517	8490	8460	8455	8467	8470	8481	8480	8485	8488	8505
30	8170	8102	8058	8041	8048	8078	8073	8027	8011	7996	7995	7988	8002	8029	8051	8068	8081	8080	8094
35	7650	7575	7531	7514	7533	7526	7480	7469	7466	7488	7504	7521	7488	7474	7482	7490	7484	7485	7499
40	7043	6958	6917	6921	6935	6881	6855	6866	6894	6908	6861	6839	6821	6814	6836	6853	6869	6882	6905
45	6374	6276	6244	6275	6188	6163	6193	6222	6136	6090	6081	6099	6132	6150	6189	6229	6253	6276	6310
50	5477	5367	5360	5375	5313	5319	5365	5294	5224	5218	5267	5312	5350	5311	5284	5285	5277	5283	5307
55	4463	4347	4361	4301	4303	4321	4257	4232	4257	4296	4270	4264	4244	4254	4246	4259	4265	4282	4304
60	3318	3213	3219	3182	3228	3169	3143	3175	3172	3169	3155	3158	3155	3188	3205	3241	3255	3282	3302
65	2217	2134	2108	2106	2086	2060	2079	2115	2104	2083	2070	2094	2176	2246	2303	2346	2371	2396	2416
70	1255	1198	1183	1185	1159	1190	1213	1188	1157	1238	1319	1378	1421	1448	1475	1489	1500	1513	1530
75	627	594	589	574	591	588	585	625	666	692	707	705	695	674	658	639	632	632	644
80	256	240	233	237	242	254	261	254	233	210	186	156	125	93.8	64.6	38.3	17.9	4.65	0.00
85	47.0	43.9	50.6	53.5	42.6	27.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	9.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity:55.0%
 Test Distance:8.852m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.1V I:0.8301A P:186.3W PF:0.9753 Lamp Flux:25045.9x1 lm		
NAME: 经济款工矿灯过EMC200W 230V 6500K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: MKOPTO	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	
0	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	
5	9632	9637	9644	9649	9654	9659	9666	9674	9684	9691	9700	9712	9724	9733	9744	9756	9769	9782	9774	
10	9481	9486	9490	9497	9503	9510	9511	9518	9527	9534	9543	9554	9565	9585	9606	9628	9652	9679	9663	
15	9328	9327	9330	9337	9329	9326	9318	9321	9320	9320	9325	9337	9350	9367	9389	9419	9454	9493	9469	
20	8920	8933	8955	8970	8980	9007	9028	9062	9083	9082	9072	9064	9069	9079	9101	9129	9165	9214	9186	
25	8509	8530	8548	8553	8563	8570	8601	8633	8666	8702	8752	8737	8726	8723	8732	8754	8794	8850	8820	
30	8100	8123	8145	8138	8125	8137	8156	8174	8194	8225	8267	8321	8341	8314	8313	8338	8372	8434	8402	
35	7514	7537	7556	7578	7607	7649	7711	7700	7704	7712	7735	7775	7836	7852	7834	7839	7879	7952	7917	
40	6917	6936	6949	6961	6971	7004	7032	7088	7157	7175	7162	7168	7211	7290	7302	7288	7321	7395	7362	
45	6321	6326	6338	6337	6335	6321	6336	6346	6379	6437	6539	6520	6536	6601	6697	6663	6692	6779	6744	
50	5325	5353	5404	5450	5503	5567	5600	5560	5544	5573	5645	5751	5742	5778	5888	5911	5924	6029	5992	
55	4320	4346	4377	4415	4448	4504	4548	4601	4665	4657	4675	4713	4792	4810	4864	4965	4941	5042	5026	
60	3313	3337	3347	3378	3397	3438	3467	3502	3563	3618	3678	3647	3686	3752	3759	3856	3840	3925	3906	
65	2429	2449	2455	2468	2459	2454	2414	2440	2482	2532	2570	2599	2598	2608	2654	2675	2709	2774	2771	
70	1548	1574	1597	1623	1639	1651	1645	1635	1588	1533	1578	1625	1628	1615	1628	1634	1661	1683	1713	
75	667	701	742	786	828	874	910	938	945	939	911	867	877	891	879	887	898	903	915	
80	4.92	20.0	45.4	80.4	123	174	229	284	345	401	433	442	437	422	401	400	428	437	439	
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.6	119	122	105	105	160	164
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.2	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity:55.0%
 Test Distance:8.852m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.1V I:0.8301A P:186.3W PF:0.9753 Lamp Flux:25045.9x1 lm		
NAME: 经济款工矿灯过EMC200W 230V 6500K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: MKOPTO	SUR.:	PROTECTION ANGLE:

Table--3

UNIT: cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781
5	9767	9760	9754	9749	9742	9735	9729	9724	9718	9713	9712	9708	9705	9700	9695	9692	9691	9686	9684
10	9649	9638	9629	9622	9620	9620	9622	9617	9617	9613	9619	9612	9605	9607	9603	9598	9602	9594	9588
15	9450	9435	9433	9432	9436	9439	9446	9455	9467	9477	9503	9502	9515	9503	9507	9503	9512	9499	9490
20	9171	9164	9164	9170	9183	9210	9233	9265	9264	9242	9225	9215	9206	9196	9172	9166	9167	9158	9149
25	8804	8808	8825	8857	8889	8929	8901	8877	8870	8862	8856	8853	8851	8844	8833	8827	8822	8815	8800
30	8390	8398	8436	8477	8497	8466	8453	8447	8450	8458	8470	8482	8495	8497	8488	8486	8477	8470	8450
35	7913	7941	7994	7997	7976	7975	7979	7988	8014	8043	8021	7998	7984	7969	7948	7935	7922	7912	7897
40	7373	7418	7455	7422	7414	7440	7484	7501	7448	7430	7421	7410	7403	7399	7387	7379	7367	7347	7324
45	6768	6841	6800	6794	6817	6862	6821	6803	6790	6784	6808	6819	6818	6826	6822	6823	6812	6780	6754
50	6042	6073	6045	6092	6124	6050	6033	6058	6100	6126	6117	6051	5985	5941	5905	5880	5854	5829	5818
55	5130	5097	5123	5182	5136	5114	5169	5264	5183	5115	5066	5039	5002	4973	4953	4929	4897	4870	4845
60	3987	3976	4051	4022	4043	4114	4080	4064	4043	4018	4016	4021	4009	3999	3997	3976	3939	3912	3867
65	2797	2841	2842	2878	2922	2920	2905	2892	2897	2920	2986	3012	3010	2994	2984	2967	2937	2919	2882
70	1712	1746	1769	1816	1832	1812	1807	1893	1956	2001	2024	2027	2011	1985	1969	1956	1935	1926	1904
75	928	944	973	970	977	1050	1101	1131	1131	1119	1089	1057	1020	979	957	945	933	934	931
80	449	456	461	489	504	501	476	415	351	285	220	160	106	60.6	27.5	6.98	0.00	6.90	26.8
85	168	174	157	80.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity:55.0%
 Test Distance:8.852m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.1V I:0.8301A P:186.3W PF:0.9753 Lamp Flux:25045.9x1 lm		
NAME: 经济款工矿灯过EMC200W 230V 6500K	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: MKOPTO	SUR.:	PROTECTION ANGLE:

Table--4

UNIT: cd

C (DEG) \ γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781	9781				
5	9684	9683	9683	9683	9683	9681	9677	9678	9680	9682	9685	9688	9692	9696	9703				
10	9584	9572	9562	9553	9544	9539	9534	9531	9532	9534	9534	9541	9548	9558	9572				
15	9467	9451	9428	9412	9400	9377	9355	9332	9312	9300	9292	9285	9286	9298	9316				
20	9140	9131	9138	9133	9127	9128	9115	9071	9043	9017	8994	8981	8978	8986	9002				
25	8782	8773	8756	8733	8720	8717	8718	8723	8739	8680	8633	8604	8586	8578	8588				
30	8428	8401	8365	8335	8311	8282	8263	8242	8238	8250	8220	8177	8142	8130	8138				
35	7888	7871	7866	7878	7881	7835	7779	7736	7713	7711	7715	7694	7638	7612	7614				
40	7309	7270	7254	7230	7225	7218	7243	7214	7148	7112	7087	7092	7044	7005	7001				
45	6719	6669	6625	6570	6519	6465	6453	6485	6555	6448	6382	6371	6407	6332	6319				
50	5801	5804	5807	5832	5771	5659	5609	5585	5606	5636	5543	5484	5496	5457	5414				
55	4809	4789	4767	4757	4715	4705	4694	4626	4577	4547	4571	4494	4437	4459	4397				
60	3816	3770	3731	3689	3638	3607	3573	3571	3543	3466	3436	3458	3367	3355	3285				
65	2847	2802	2754	2689	2595	2529	2500	2484	2455	2416	2346	2316	2305	2223	2187				
70	1890	1871	1849	1816	1766	1688	1601	1493	1480	1470	1419	1356	1334	1291	1259				
75	940	952	965	974	978	964	937	894	831	759	739	718	678	663	634				
80	58.4	99.2	146	196	246	291	331	360	369	359	339	312	293	277	266				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.6	67.6	71.1	64.0	55.1			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity:55.0%
 Test Distance:8.852m [K=1.0000]
 Remarks: