

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	556.4 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of Imax	115.4V x 112.1H
	At 50% of Imax	86.7V x 85.8H
	At 90% of Imax	54.2V x 50.8H

Beam Flux	Total	998.5 lumens per klm.
	To 10% of Imax	956.4 lumens per klm.
	To 50% of Imax	764.0 lumens per klm.
	To 90% of Imax	332.3 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

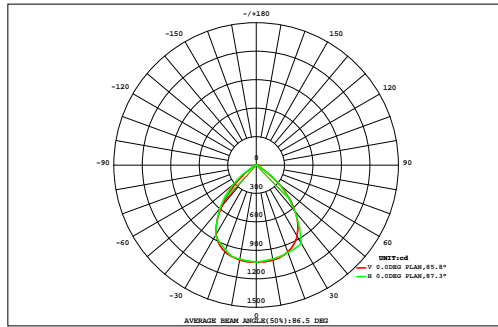
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-06-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:0V I:0A P:0W PF:0 Lamp Flux:1838.16x1 lm		
NAME: TK03-200W-CW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		PHOTOMETRIC DATA	
MODEL		Imax(cd)	1023
NOMINAL POWER(W)	0	AVAILABILITY(%)	95.9
RATED VOLTAGE(V)	0	Avai. FLUX(lm)	1763
NOMINAL FLUX(lm)	1838.16	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	1838
TEST VOLTAGE(V)	0.0	θ @50%(H,V)	86,87DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM																UNIT:lm	Φ t	Φ a	
	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	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	0.00
80	0.01	0.05	0.09	0.15	0.24	0.35	0.43	0.47	0.52	0.53	0.48	0.41	0.34	0.24	0.17	0.11	0.05	0.02	4.64	0.00
70	0.02	0.07	0.18	0.33	0.53	0.76	1.01	1.20	1.27	1.28	1.25	1.04	0.78	0.53	0.34	0.19	0.08	0.02	10.9	0.00
60	0.02	0.09	0.23	0.45	0.77	1.47	2.81	4.01	4.71	4.86	4.42	3.32	1.93	0.86	0.47	0.24	0.10	0.02	30.8	20.6
50	0.02	0.10	0.27	0.57	1.10	3.12	7.47	11.4	13.9	14.4	12.7	9.11	4.59	1.37	0.63	0.30	0.11	0.02	81.1	75.9
40	0.02	0.10	0.31	0.75	3.02	8.14	15.0	20.7	23.6	24.0	21.7	17.0	10.5	4.54	1.07	0.36	0.12	0.02	151	148
30	0.02	0.11	0.35	1.02	5.04	12.5	21.0	27.2	30.1	30.3	27.9	22.7	15.3	7.26	1.63	0.42	0.13	0.02	203	200
20	0.01	0.11	0.38	1.53	7.01	15.7	23.7	28.2	30.0	30.1	28.4	24.2	17.5	9.34	2.44	0.45	0.14	0.02	219	217
10	0.01	0.11	0.39	1.84	7.87	17.0	24.7	28.9	30.6	30.7	29.1	25.2	18.7	10.4	2.96	0.49	0.15	0.02	229	227
0	0.01	0.11	0.39	1.94	8.15	17.4	24.9	29.1	30.8	30.8	29.3	25.4	19.0	10.7	3.10	0.50	0.15	0.02	232	230
-10	0.01	0.10	0.37	1.63	7.26	16.0	23.8	28.2	30.2	30.2	28.4	24.3	17.6	9.53	2.47	0.47	0.14	0.02	221	218
-20	0.01	0.09	0.32	1.11	5.03	12.1	19.6	24.7	27.2	27.3	25.3	20.8	14.3	7.03	1.61	0.39	0.12	0.01	187	185
-30	0.01	0.09	0.28	0.69	2.95	8.00	14.5	19.6	22.3	22.6	20.5	16.1	10.2	4.34	0.94	0.32	0.10	0.01	144	141
-40	0.01	0.08	0.24	0.53	1.13	3.27	7.46	11.2	13.7	14.1	12.4	8.95	4.56	1.34	0.56	0.26	0.08	0.01	79.8	75.5
-50	0.01	0.06	0.19	0.39	0.73	1.67	3.28	4.70	5.55	5.73	5.11	3.74	2.05	0.84	0.43	0.20	0.07	0.01	34.8	25.9
-60	0.01	0.05	0.13	0.26	0.43	0.51	0.53	0.61	0.63	0.67	0.66	0.55	0.46	0.43	0.28	0.14	0.05	0.01	6.40	0.00
-70	0.01	0.03	0.07	0.13	0.21	0.32	0.39	0.48	0.55	0.54	0.48	0.41	0.32	0.22	0.14	0.08	0.03	0.01	4.41	0.00
-80	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	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	0.00
Φ t	0.21	1.35	4.19	13.3	51.4	118	191	241	266	268	248	203	138	68.9	19.2	4.93	1.62	0.25	1838	---
Φ a	0.00	0.00	0.00	4.98	45.3	113	187	236	261	264	244	200	134	63.5	11.4	0.00	0.00	0.00	---	1763

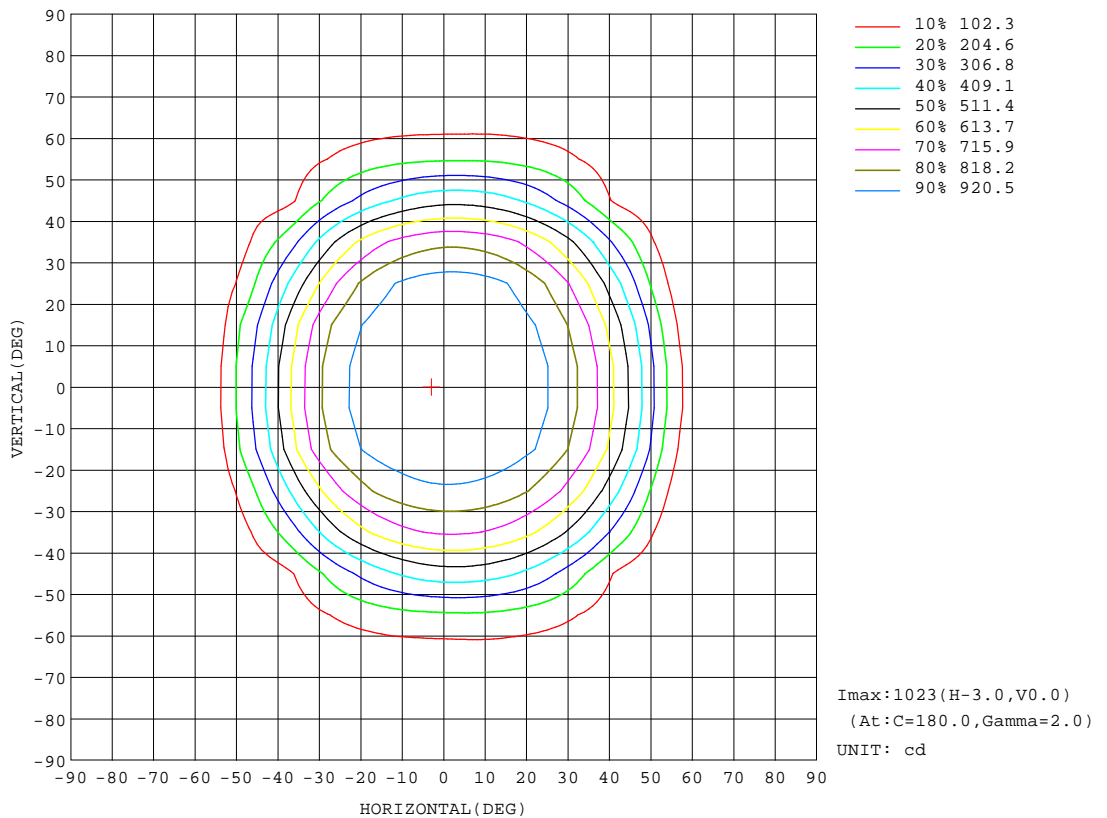
one-half-peak spread: U:43.3,D:43.8 , L:38.7,R:40.4 NEMA Beam Type: Type 6

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-06-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:0V I:0A P:0W PF:0 Lamp Flux:1838.16x1 lm		
NAME: TK03-200W-CW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

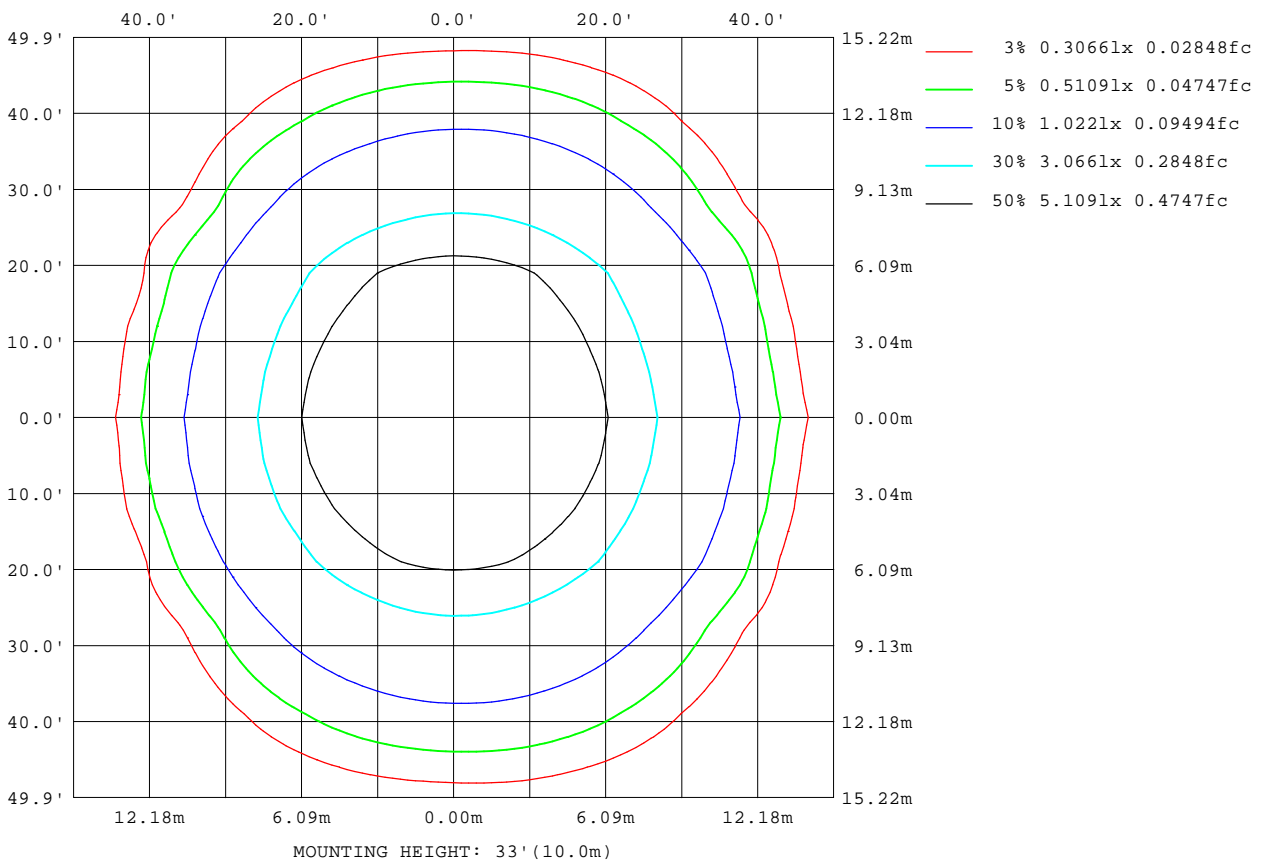


H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-06-18

V(B) Range: -75 - 75DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 10.500m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:0V I:0A P:0W PF:0 Lamp Flux:1838.16x1 lm		
NAME: TK03-200W-CW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



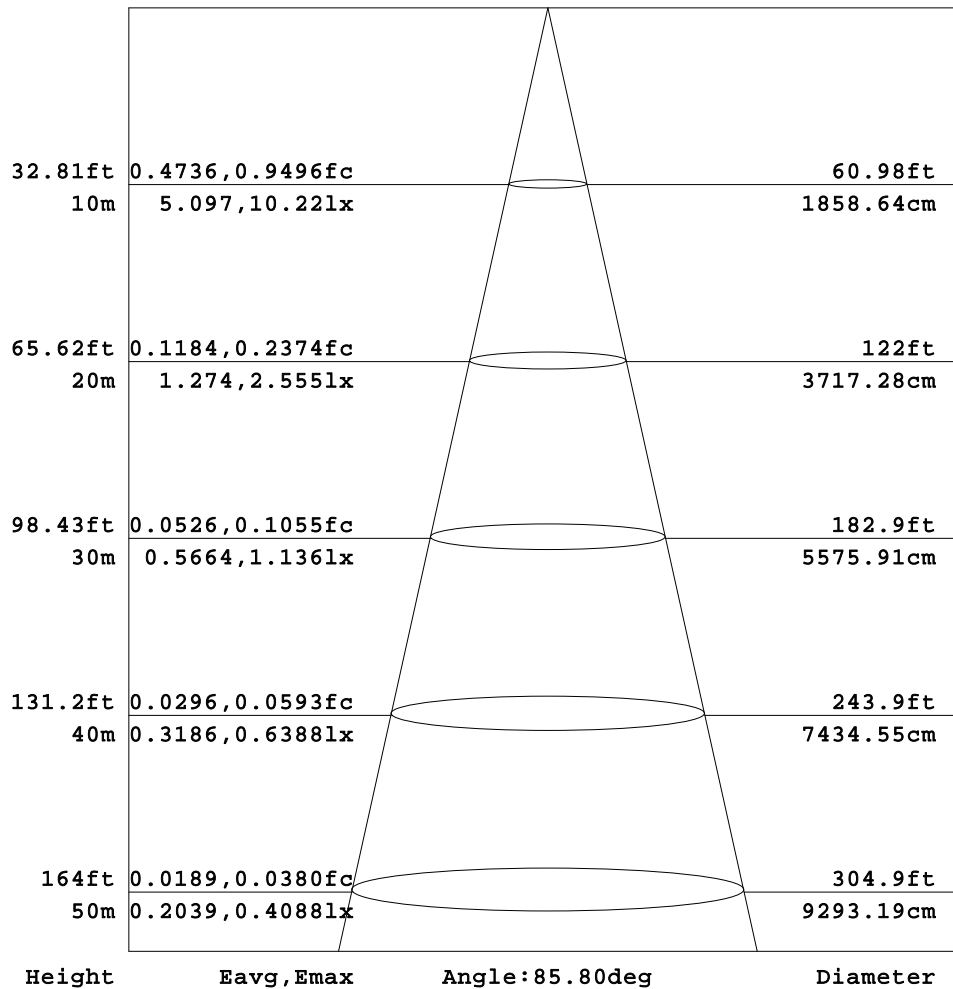
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-06-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

AAI Figure

Test:U:0V I:0A P:0W PF:0 Lamp Flux:1838.16x1 lm		
NAME: TK03-200W-CW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Flux out:1393 lm

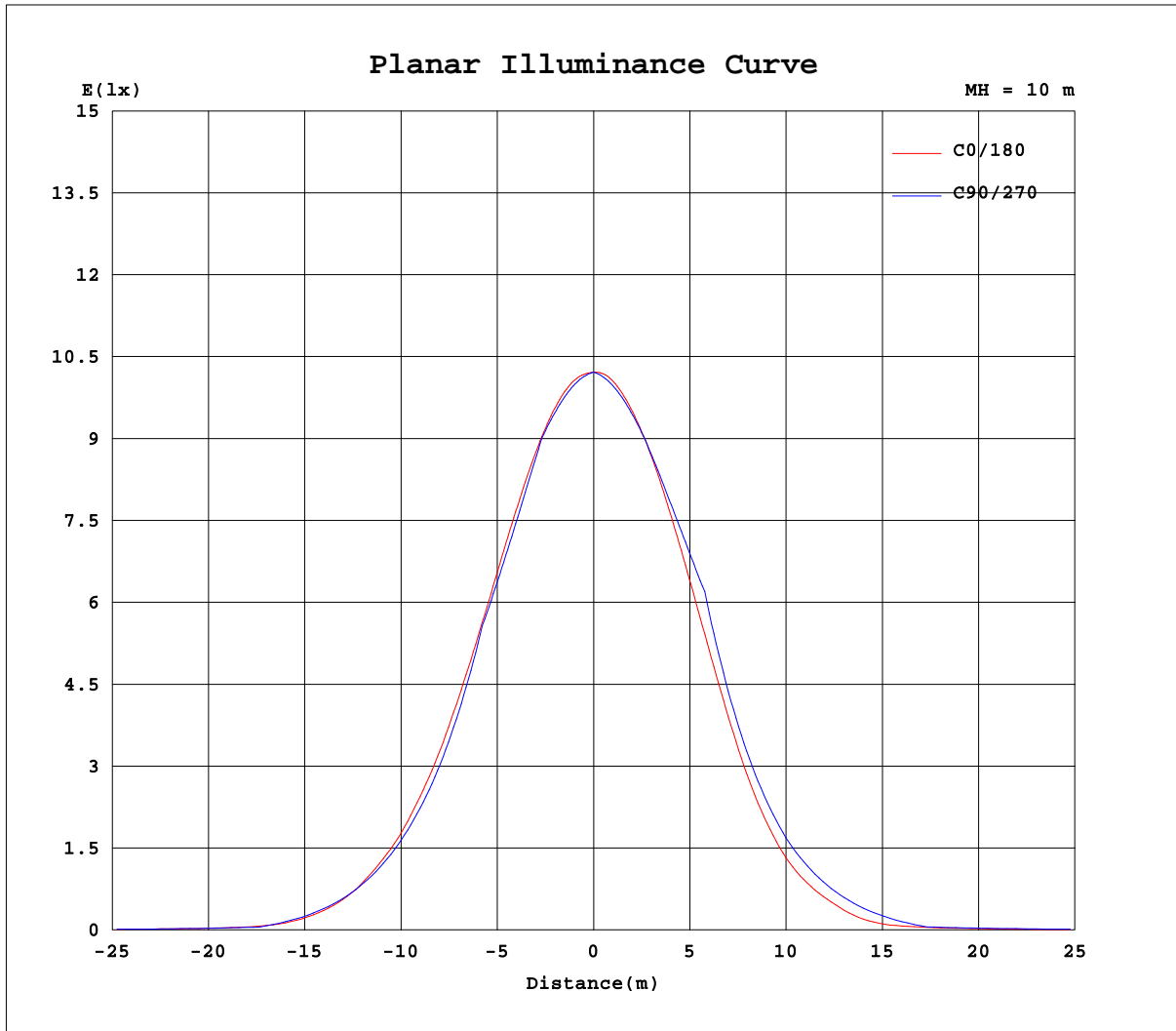


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-06-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
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Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-06-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:0V I:0A P:0W PF:0 Lamp Flux:1838.16x1 lm		
NAME: TK03-200W-CW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

H(DEG) V(DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-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
-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	0.00	0.00	0.00	0.00	0.00	0.00
-80	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
-75	2.04	2.28	2.65	3.27	4.29	5.19	6.17	7.01	8.16	9.31	11.0	12.7	13.7	14.1	14.3	15.9	17.4	18.0	19.4
-70	2.23	2.65	3.47	4.67	6.23	7.85	9.43	11.1	13.1	15.0	17.4	19.6	21.6	23.1	24.4	27.1	27.7	28.3	29.0
-65	2.33	2.80	3.88	5.43	7.53	9.82	12.0	14.5	17.2	19.9	22.7	25.8	28.7	31.5	34.0	36.4	38.4	38.0	38.7
-60	2.60	3.23	4.88	6.96	9.76	12.7	15.5	18.9	22.6	25.9	29.3	33.1	37.0	40.9	44.5	47.3	48.9	47.7	48.8
-55	2.45	3.09	4.89	7.27	10.4	14.0	17.6	21.8	26.6	32.1	40.8	60.9	88.2	115	138	157	173	182	188
-50	2.55	3.42	5.80	8.69	12.5	16.8	21.3	26.4	32.9	40.9	58.2	99.1	150	198	239	274	301	319	328
-45	2.39	3.14	5.70	8.79	13.0	17.8	23.1	28.9	36.3	45.9	65.3	118	192	264	326	379	421	451	466
-40	2.43	3.50	6.46	10.1	14.7	20.4	26.8	35.1	53.4	95.0	148	227	318	401	469	522	562	587	598
-35	2.21	3.05	6.00	9.72	14.5	20.5	27.8	37.5	59.1	125	206	301	409	507	587	647	689	716	728
-30	2.25	3.48	6.86	11.2	16.5	23.5	32.1	44.8	84.3	188	298	418	541	649	733	791	830	852	859
-25	1.99	2.87	6.22	10.7	16.1	23.4	32.9	49.8	108	215	339	471	599	706	786	841	876	898	906
-20	1.93	3.24	7.09	12.2	18.3	26.9	38.3	69.1	168	291	431	578	704	799	864	908	934	949	954
-15	1.73	2.60	6.37	11.6	17.8	26.5	38.3	65.9	183	315	465	628	763	859	920	960	983	996	1001
-10	1.86	3.14	7.33	13.3	19.8	29.4	42.7	88.9	223	359	520	681	805	890	944	977	996	1006	1008
-5	1.86	2.69	6.54	12.8	19.0	28.0	40.6	76.7	208	345	509	674	804	893	949	983	1002	1013	1015
0	2.02	3.19	7.58	14.5	20.9	31.0	45.1	104	247	392	565	726	845	922	971	998	1014	1022	1022
5	2.31	3.08	7.07	13.2	19.4	28.3	40.7	75.4	207	342	505	670	802	892	948	981	1000	1011	1014
10	2.75	3.90	8.48	14.2	20.4	30.1	42.8	85.2	220	352	511	673	801	888	942	974	992	1002	1005
15	3.08	3.78	7.96	13.0	18.9	27.4	38.7	62.1	180	305	453	617	757	855	918	956	978	991	996
20	3.52	4.55	8.91	13.9	19.7	28.3	39.4	66.4	165	289	428	577	710	813	885	931	960	976	983
25	3.85	4.49	8.05	12.6	18.0	25.2	34.9	50.7	106	219	345	480	616	735	827	891	933	957	968
30	4.33	5.14	8.85	13.5	18.7	25.8	34.8	48.0	81.0	202	314	436	571	698	799	871	917	944	955
35	4.61	5.14	7.99	12.0	16.8	22.8	30.6	40.6	58.6	134	215	312	429	538	631	701	749	780	795
40	5.02	5.67	8.61	12.5	17.1	22.8	29.7	38.0	54.3	102	150	232	331	419	495	553	596	625	638
45	5.36	5.73	7.78	11.3	15.4	20.3	25.8	31.7	39.1	49.2	63.5	114	196	266	331	385	428	460	478
50	5.70	6.20	8.28	11.4	15.2	19.6	24.4	29.4	36.0	44.3	56.9	99.0	154	202	245	280	308	327	336
55	5.98	6.34	7.61	10.2	13.4	17.0	21.0	25.0	29.9	35.9	42.9	62.0	92.0	118	142	162	178	188	192
60	6.37	6.73	7.85	10.1	12.9	16.1	19.1	22.4	26.2	29.9	33.3	36.8	40.8	45.0	48.5	51.1	52.6	51.1	49.9
65	6.51	6.76	7.41	8.99	11.1	13.5	16.0	18.4	21.1	24.4	27.2	30.3	33.3	36.4	38.9	40.8	42.4	41.8	41.3
70	6.74	6.94	7.46	8.68	10.2	12.0	13.7	15.4	17.5	19.9	22.3	24.9	27.1	28.8	30.1	31.5	32.2	32.2	32.8
75	6.93	7.01	7.19	7.69	8.70	9.67	10.8	11.7	12.8	14.7	16.4	18.5	20.0	20.6	20.9	21.2	22.2	22.3	24.1
80	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
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	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

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-06-18

V(β) Range:-75 - 75DEG
V(β) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:0V I:0A P:0W PF:0 Lamp Flux:1838.16x1 lm		
NAME: TK03-200W-CW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

H(DEG) V(DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-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
-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	0.00	0.00	0.00	0.00	0.00
-80	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
-75	17.4	16.8	16.8	15.2	15.0	14.6	13.4	11.5	10.1	9.11	8.09	7.38	6.31	5.14	4.02	3.12	2.78	2.39
-70	29.0	29.5	27.7	25.9	24.4	22.6	20.2	17.7	15.7	13.7	11.8	10.3	8.34	6.58	4.89	3.74	2.91	2.46
-65	40.4	42.0	40.3	37.2	34.5	31.5	28.1	24.9	22.0	19.1	16.1	13.7	11.2	8.63	6.47	4.72	3.22	2.69
-60	52.8	54.5	51.3	47.4	43.4	39.1	34.6	30.8	27.2	23.4	19.4	16.3	13.0	9.82	7.22	5.12	3.31	2.77
-55	190	188	177	161	140	115	87.1	59.0	39.5	30.6	24.8	20.1	15.8	11.8	8.67	6.07	3.63	2.87
-50	328	318	297	267	227	181	128	77.0	47.1	35.4	28.0	22.3	17.1	12.4	8.99	6.03	3.52	2.79
-45	467	454	427	387	332	266	190	114	62.7	43.6	33.9	26.6	20.2	14.7	10.6	7.16	4.02	2.94
-40	595	578	548	503	442	368	282	194	123	69.5	40.1	29.1	21.5	15.1	10.9	6.91	3.64	2.70
-35	726	712	683	640	579	502	409	307	210	113	53.9	34.9	25.5	17.7	12.7	8.16	4.19	2.74
-30	854	836	804	755	688	602	496	380	255	126	55.8	36.4	26.2	17.9	12.8	7.75	3.67	2.50
-25	903	890	864	824	764	686	586	468	341	197	88.4	44.2	30.8	21.0	15.2	9.37	4.24	2.55
-20	949	936	911	872	813	734	630	507	370	217	93.8	44.6	31.4	21.4	15.5	8.60	3.58	2.30
-15	998	989	970	938	889	817	720	598	456	297	137	54.7	36.2	24.7	18.1	10.8	4.16	2.38
-10	1005	996	977	945	893	820	719	593	447	281	127	51.6	34.7	23.4	17.3	9.41	3.62	2.29
-5	1014	1008	994	967	922	857	764	643	498	337	170	63.5	37.9	25.8	18.9	11.7	4.35	2.51
0	1022	1017	1002	974	929	861	765	639	488	320	156	57.2	36.0	24.2	18.3	10.2	3.78	2.46
5	1013	1008	994	967	923	856	763	640	495	334	169	62.6	37.5	25.7	18.6	11.6	4.57	2.86
10	1004	995	977	945	894	819	716	588	441	274	125	50.2	33.9	23.1	16.7	9.52	4.16	3.00
15	996	987	970	939	889	816	715	589	447	286	134	51.9	34.9	24.3	17.1	10.5	4.84	3.42
20	979	966	940	898	835	749	637	508	366	210	91.8	44.2	31.6	21.8	15.5	9.45	4.79	3.80
25	966	952	923	877	809	720	608	479	345	196	87.6	45.2	32.2	22.5	16.1	10.8	5.69	4.44
30	949	929	891	832	751	650	528	398	263	128	56.9	39.2	28.9	20.1	14.7	9.99	5.67	4.87
35	794	777	745	695	625	537	432	319	216	116	54.9	37.5	28.2	20.3	14.9	10.6	6.35	5.33
40	634	616	582	533	465	385	291	195	125	71.3	41.9	31.6	24.3	17.9	13.4	9.44	6.28	5.60
45	478	464	435	393	335	267	189	108	60.3	44.9	36.0	29.0	23.0	17.8	13.5	10.0	6.82	6.08
50	335	324	303	272	230	182	127	73.7	46.9	37.2	30.3	25.0	20.1	15.7	12.2	8.93	6.79	6.27
55	194	191	181	164	143	118	88.3	58.6	40.1	32.5	27.2	22.9	19.0	15.3	12.1	9.27	7.11	6.63
60	52.2	54.3	52.8	49.4	45.9	41.9	37.2	33.2	29.1	25.7	22.1	19.3	16.5	13.5	10.9	8.45	7.19	6.89
65	42.1	43.4	43.1	40.3	37.8	34.9	31.5	28.1	24.8	22.1	19.4	17.2	15.0	12.6	10.5	8.50	7.35	7.06
70	32.6	32.7	32.2	30.2	28.5	26.7	24.4	21.8	19.2	17.5	15.6	14.2	12.6	10.9	9.17	7.93	7.39	7.17
75	23.1	21.9	22.4	20.7	20.1	19.2	18.2	16.5	14.5	13.6	12.5	11.8	11.0	9.73	8.61	7.71	7.52	7.35
80	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
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	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

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-06-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks: