

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

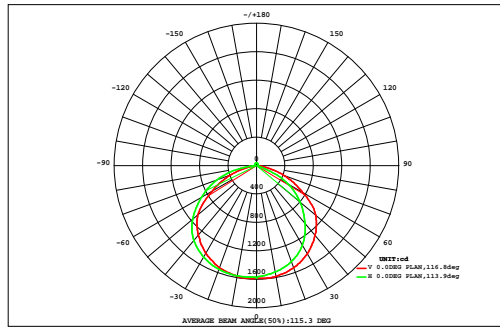
Maximum Intensity (Luminaire orientation as tested.)		318.1 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax	149.5V x 154.5H
	At 50% of Imax	112.8V x 117.1H
	At 90% of Imax	53.3V x 60.3H
Beam Flux	Total	958.0 lumens per klm.
	To 10% of Imax	912.0 lumens per klm.
	To 50% of Imax	734.1 lumens per klm.
	To 90% of Imax	240.0 lumens per klm.
	Upward LOR	3.5 %
	Downward LOR	92.3 %
Luminaire Efficiency(Light Output Ratio)		95.8 %

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:XW
Test Date:2018-05-21

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks: KK256 50W 60PCS RF3030SMD 5700K Ra80

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.5V I:0.2005A P:43.21W PF:0.9352 Lamp Flux:5000x1 lm		
NAME: KK256-50W	TYPE:KINGKONG	WEIGHT:
SPEC.:50W	DIM.:	SERIAL No.:20180521001
MFR.: AXLUX	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		Eff:110.85lm/W	
MODEL	50W RF3030 5700K	Imax(cd)	1590
NOMINAL POWER(W)	50	AVAILABILITY(%)	91.1
RATED VOLTAGE(V)	230.0	Avai. FLUX(lm)	4556
NOMINAL FLUX(lm)	5000	LOR(%)	95.8
LAMPS INSIDE	1	TOTAL FLUX(lm)	4790
TEST VOLTAGE(V)	230	q @50%(H,V)	117,113DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM															UNIT:lm		F t	F a	
	0.03	0.08	0.14	0.19	0.23	0.27	0.30	0.32	0.33	0.34	0.33	0.31	0.28	0.24	0.20	0.18	0.15			0.06
90	0.03	0.08	0.14	0.19	0.23	0.27	0.30	0.32	0.33	0.34	0.33	0.31	0.28	0.24	0.20	0.18	0.15	0.06	3.97	0.00
80	0.03	0.08	0.15	0.31	0.63	0.74	0.76	0.91	0.80	0.72	0.70	0.54	0.52	0.42	0.23	0.20	0.15	0.06	7.96	0.00
70	0.03	0.11	0.59	2.10	3.85	5.86	7.86	9.25	9.60	9.37	8.56	6.77	4.72	2.96	1.42	0.50	0.19	0.06	73.8	61.7
60	0.03	0.26	1.94	5.04	8.86	13.0	16.4	18.9	20.1	19.9	18.4	15.5	11.9	7.73	4.23	1.65	0.35	0.07	164	162
50	0.03	0.60	3.42	7.87	13.6	19.4	23.8	27.0	28.5	28.2	26.3	22.7	18.1	12.3	7.04	3.15	0.67	0.07	243	241
40	0.03	1.02	4.73	10.5	18.2	25.1	30.4	34.4	36.1	35.8	33.5	29.2	23.6	16.7	9.81	4.52	1.09	0.08	315	314
30	0.04	1.39	5.83	12.9	21.6	29.2	35.4	39.7	41.7	41.4	38.9	34.2	27.9	20.5	12.4	5.72	1.49	0.09	370	370
20	0.05	1.68	6.66	14.6	23.9	31.8	38.5	43.1	45.1	44.8	42.2	37.4	31.0	23.3	14.5	6.69	1.81	0.11	407	406
10	0.06	1.85	7.17	15.7	25.1	33.3	40.3	45.1	47.2	46.7	44.5	39.9	33.1	25.0	15.9	7.35	2.03	0.12	431	430
0	0.07	1.93	7.42	16.1	25.7	33.9	40.9	45.6	47.7	47.9	45.8	41.0	34.0	25.7	16.4	7.63	2.11	0.12	440	439
-10	0.07	1.91	7.41	16.0	25.5	33.7	40.5	45.2	47.4	47.5	45.3	40.5	33.5	25.3	16.1	7.48	2.04	0.12	436	435
-20	0.07	1.76	7.02	15.2	24.5	32.6	39.2	43.8	46.0	46.0	43.7	38.9	32.1	24.1	15.1	6.96	1.85	0.11	419	418
-30	0.06	1.51	6.25	13.8	22.7	30.3	36.7	41.2	43.3	43.3	41.0	36.3	29.8	22.1	13.4	6.09	1.56	0.10	389	389
-40	0.06	1.18	5.16	11.7	19.5	26.5	32.5	36.7	38.7	38.7	36.4	32.0	25.8	18.7	11.1	4.93	1.19	0.09	341	340
-50	0.05	0.82	3.88	8.96	15.0	20.9	26.0	29.6	31.4	31.2	29.2	25.4	20.2	14.1	8.24	3.57	0.79	0.08	269	268
-60	0.04	0.49	2.51	6.06	10.2	14.5	18.4	21.1	22.6	22.4	20.7	17.7	13.7	9.35	5.31	2.14	0.46	0.07	188	185
-70	0.04	0.25	1.15	3.03	5.30	7.88	10.2	11.8	12.6	12.4	11.3	9.51	7.10	4.53	2.37	0.89	0.26	0.07	101	94.5
-80	0.04	0.16	0.39	0.72	1.08	1.49	1.86	2.10	2.16	2.11	1.97	1.69	1.29	0.90	0.59	0.37	0.22	0.07	19.2	2.85
-90	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)	20	30	40	50	60	70	80	90			
F t	0.83	17.1	71.8	161	265	360	440	496	521	519	489	430	349	254	154	70.0	18.4	1.56	4617	---
F a	0.00	11.9	68.2	158	262	357	437	493	518	515	485	426	345	250	151	66.0	12.8	0.00	---	4556

one-half-peak spread: U:58.2,D:55.2 , L:49.5,R:50.5 NEMA Beam Type: Type 7

H(h) Range:-90 - 90DEG
 H(h) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XW
 Test Date:2018-05-21

V(B) Range:-180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks: KK256 50W 60PCS RF3030SMD 5700K Ra80

ISOCANDELA DIAGRAM

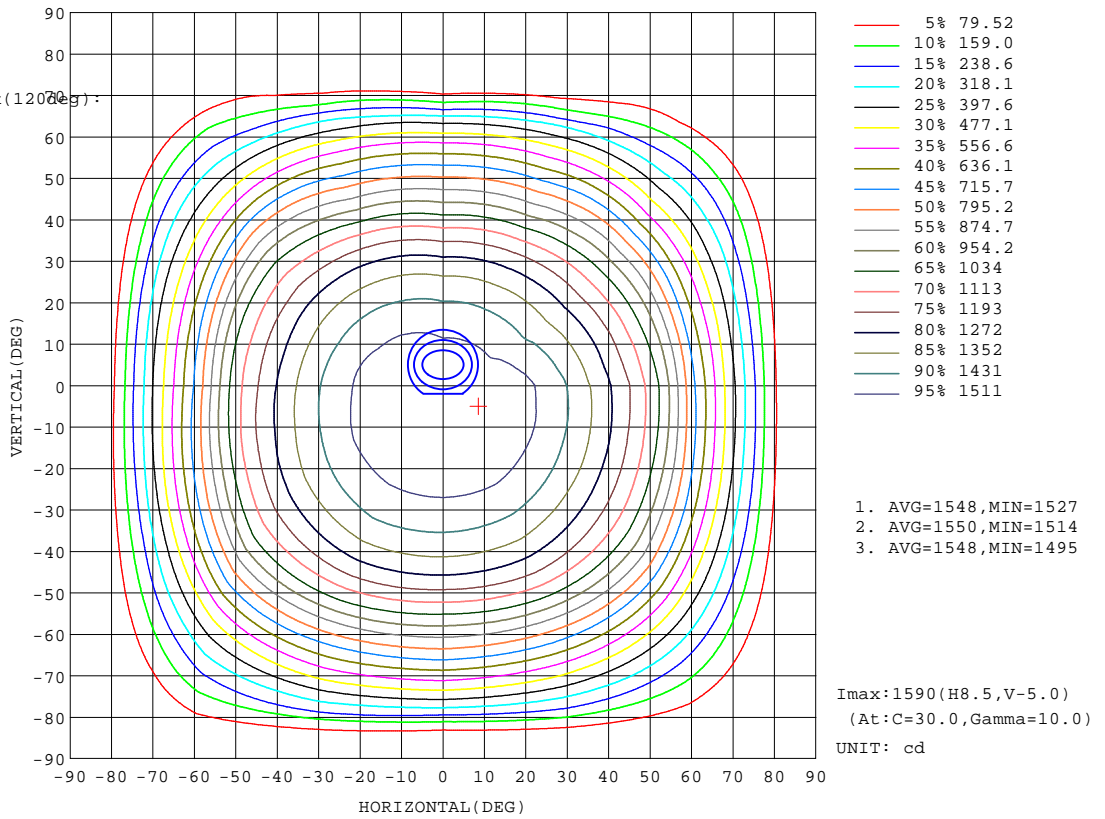
Test:U:230.5V I:0.2005A P:43.21W PF:0.9352 Lamp Flux:5000x1 lm		
NAME: KK256-50W	TYPE:KINGKONG	WEIGHT:
SPEC.:50W	DIM.:	SERIAL No.:20180521001
MFR.: AXLUX	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

2540.3 lm
 %lum = 53.0%
 %lamp = 50.8%

Conical surface Flux(120deg):

3775 lm
 %lum = 78.8%
 %lamp = 75.5%

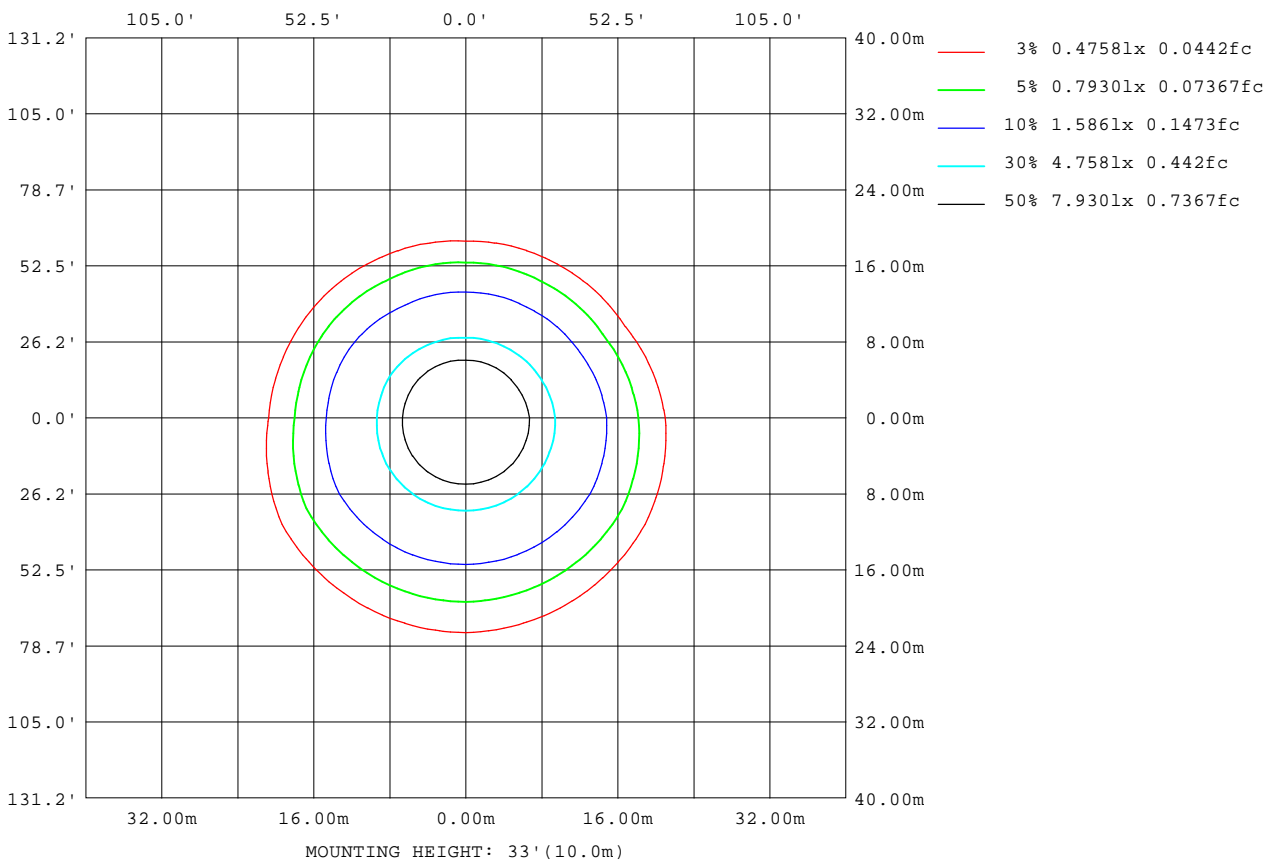


H(B) Range:-90 - 90DEG
 H(B) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XW
 Test Date:2018-05-21

V(B) Range:-180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks: KK256 50W 60PCS RF3030SMD 5700K Ra80

ISOLUX DIAGRAM

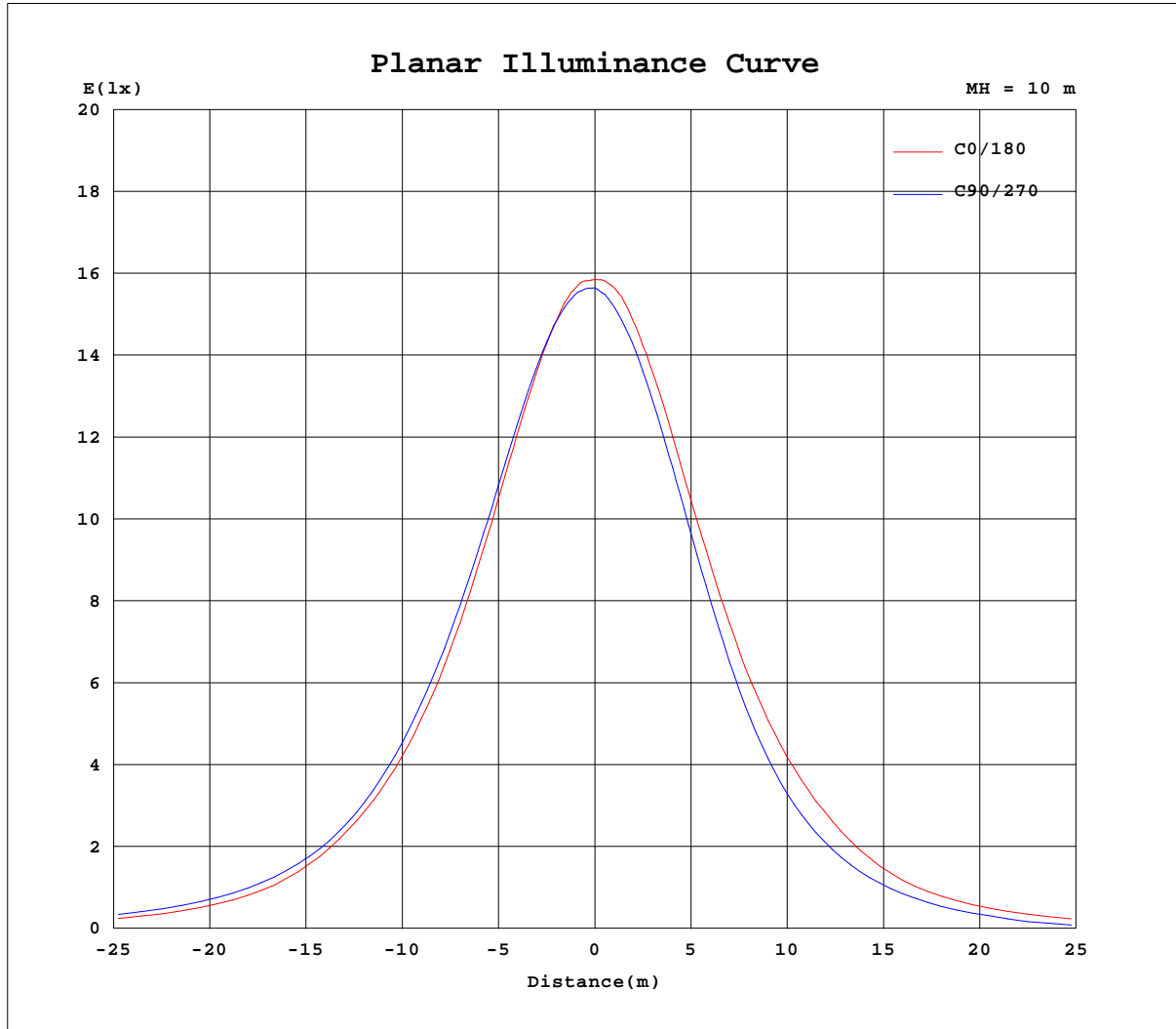
Test:U:230.5V I:0.2005A P:43.21W PF:0.9352 Lamp Flux:5000x1 lm		
NAME: KK256-50W	TYPE:KINGKONG	WEIGHT:
SPEC.:50W	DIM.:	SERIAL No.:20180521001
MFR.: AXLUX	SUR.:	PROTECTION ANGLE:



H(b) Range:-90 - 90DEG
 H(b) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XW
 Test Date:2018-05-21

V(B) Range:-180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks: KK256 50W 60PCS RF3030SMD 5700K Ra80

Planar Illuminance Curve



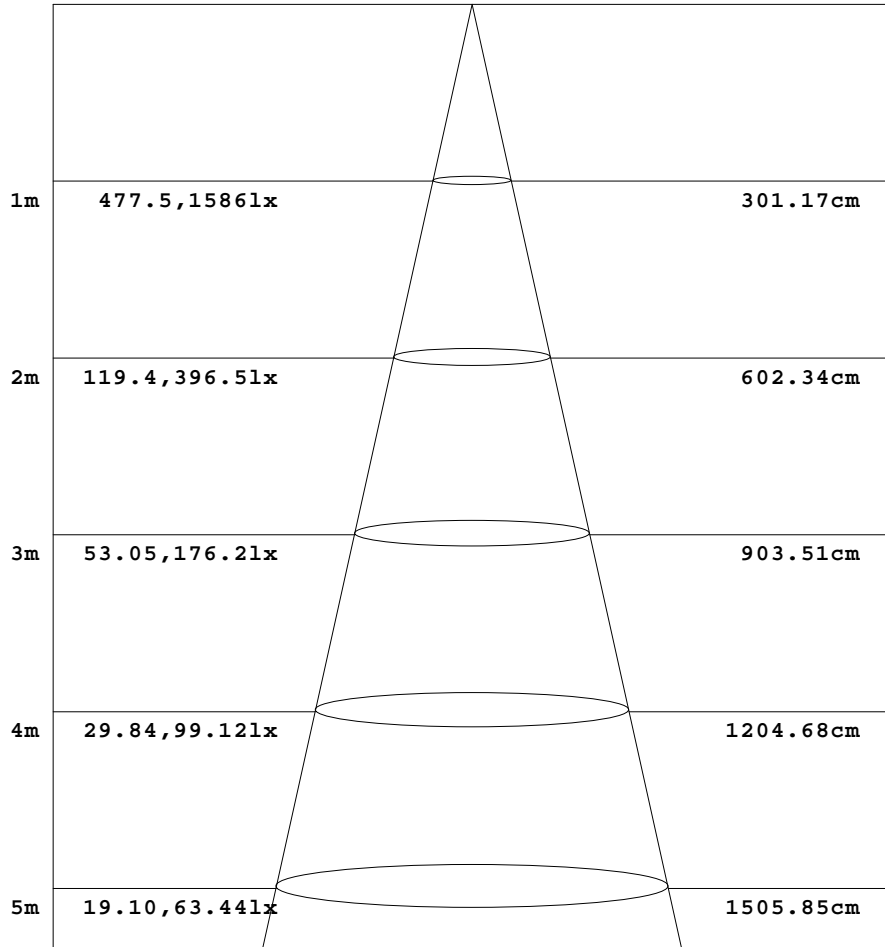
H(β) Range:-90 - 90DEG
 H(β) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XW
 Test Date:2018-05-21

V(B) Range:-180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks: KK256 50W 60PCS RF3030SMD 5700K Ra80

AAI Figure

Test:U:230.5V I:0.2005A P:43.21W PF:0.9352 Lamp Flux:5000x1 lm		
NAME: KK256-50W	TYPE:KINGKONG	WEIGHT:
SPEC.:50W	DIM.:	SERIAL No.:20180521001
MFR.: AXLUX	SUR.:	PROTECTION ANGLE:

Flux out:3557 lm



Height Eavg, Emax Angle:112.83deg Diameter

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: 0.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XW
 Test Date:2018-05-21

V(B) Range:-180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks: KK256 50W 60PCS RF3030SMD 5700K Ra80

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.5V I:0.2005A P:43.21W PF:0.9352 Lamp Flux:5000x1 lm		
NAME: KK256-50W	TYPE:KINGKONG	WEIGHT:
SPEC.:50W	DIM.:	SERIAL No.:20180521001
MFR.: AXLUX	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
-180	10.5	12.1	13.8	15.7	17.6	19.7	21.6	23.5	25.3	27.2	29.0	31.1	33.2	35.6	38.0	40.2	42.1	43.6	44.7
-170	10.5	12.5	14.5	16.6	18.7	20.8	22.8	24.6	26.5	28.3	30.2	32.1	34.1	36.1	38.2	40.0	41.4	42.4	43.2
-160	10.5	12.8	15.1	17.4	19.6	21.8	23.8	25.5	27.2	29.0	30.7	32.4	34.1	35.2	36.5	37.7	38.8	39.7	40.2
-150	10.5	13.1	15.5	18.0	20.3	22.5	24.5	26.3	27.8	29.3	30.7	31.5	32.4	33.3	34.1	34.8	35.6	36.2	36.6
-140	10.5	13.3	15.9	18.4	20.8	23.0	25.0	26.8	28.4	29.1	29.5	30.1	30.6	31.2	31.7	32.2	32.7	33.0	33.3
-130	10.5	13.4	16.1	18.7	21.1	23.4	25.5	27.4	28.2	28.5	28.7	28.8	29.1	29.3	29.7	30.0	30.3	30.6	30.7
-120	10.5	13.4	16.2	18.8	21.3	23.7	25.8	27.4	27.5	27.7	27.8	27.9	28.0	28.1	28.3	28.5	28.6	28.7	28.8
-110	10.5	13.4	16.1	18.8	21.3	23.8	26.1	26.8	26.8	26.9	26.9	26.9	26.9	27.0	27.1	27.2	27.2	27.3	27.3
-100	10.5	13.4	16.1	18.6	21.2	23.7	26.2	26.3	26.2	26.2	26.1	26.1	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-90	10.5	13.4	16.3	19.2	22.1	25.0	27.9	27.9	27.9	27.8	27.8	27.8	27.8	27.7	27.6	27.6	27.5	27.4	27.3
-80	10.5	13.3	16.6	21.0	29.0	43.3	66.3	82.5	99.6	120	138	157	179	194	209	218	223	224	219
-70	10.5	13.2	19.4	38.8	74.4	135	206	262	312	362	409	452	496	522	548	568	582	591	595
-60	10.5	13.4	27.6	67.5	149	242	339	429	506	582	654	712	764	808	838	865	884	894	897
-50	10.5	13.8	35.6	112	224	346	467	593	711	805	889	963	1024	1074	1113	1143	1162	1172	1173
-40	10.5	14.4	45.3	153	297	437	586	735	881	997	1079	1152	1214	1266	1310	1340	1358	1369	1372
-30	10.5	14.7	56.6	191	349	511	673	834	986	1108	1198	1269	1332	1386	1427	1457	1472	1483	1486
-20	10.5	14.2	65.0	211	386	555	725	897	1052	1168	1258	1338	1404	1450	1492	1523	1544	1551	1552
-10	10.5	13.1	67.8	230	405	569	741	924	1084	1196	1285	1364	1428	1483	1524	1547	1566	1575	1574
0	10.5	11.6	62.7	228	400	556	721	916	1080	1185	1276	1357	1425	1478	1528	1557	1581	1589	1586
10	10.5	11.5	56.6	211	377	530	691	872	1035	1149	1237	1315	1382	1435	1481	1507	1525	1532	1519
20	10.5	11.3	43.8	174	334	478	628	788	947	1068	1158	1233	1299	1350	1391	1419	1435	1442	1435
30	10.5	11.1	29.1	135	273	407	534	668	812	938	1034	1100	1157	1207	1249	1278	1295	1299	1291
40	10.5	10.8	17.7	83.8	205	314	418	525	636	744	835	903	951	991	1021	1054	1071	1074	1063
50	10.5	10.5	12.0	38.9	112	207	290	368	445	522	594	654	699	729	762	787	802	807	802
60	10.5	10.3	11.2	14.8	36.5	85.2	152	205	246	294	345	388	425	457	479	497	508	512	507
70	10.5	10.3	10.5	11.0	11.8	15.7	22.5	42.7	65.1	77.6	80.3	87.6	93.9	103	109	114	114	105	89.0
80	10.5	10.4	10.4	10.4	10.4	10.3	10.3	10.6	10.8	10.9	10.9	10.7	10.5	10.6	10.6	10.6	10.6	10.6	10.5
90	10.5	10.7	10.8	10.9	11.0	11.1	11.2	11.4	11.5	11.6	11.7	11.8	12.0	12.0	12.1	12.2	12.3	12.3	12.4
100	10.5	10.9	11.3	11.7	12.1	12.5	12.9	13.3	13.7	14.1	14.4	14.8	15.1	15.3	15.5	15.7	15.9	16.0	16.1
110	10.5	11.2	11.8	12.5	13.2	13.9	14.6	15.4	16.1	16.7	17.3	17.9	18.5	18.9	19.3	19.6	19.8	20.0	20.1
120	10.5	11.4	12.3	13.3	14.3	15.3	16.4	17.4	18.4	19.4	20.2	21.0	21.8	22.4	22.8	23.2	23.4	23.6	23.7
130	10.5	11.6	12.8	14.0	15.3	16.7	18.0	19.3	20.6	21.7	22.8	23.8	24.6	25.4	26.0	26.5	26.8	27.1	27.2
140	10.5	11.8	13.2	14.6	16.2	17.8	19.4	20.9	22.4	23.7	25.0	26.2	27.3	28.3	29.3	30.0	30.5	30.9	31.0
150	10.5	11.9	13.5	15.1	16.9	18.7	20.5	22.2	23.8	25.3	26.9	28.4	29.8	31.2	32.5	33.7	34.5	35.0	35.2
160	10.5	12.0	13.7	15.5	17.4	19.3	21.2	23.0	24.8	26.5	28.3	30.1	31.9	33.8	35.7	37.4	38.9	39.6	39.9
170	10.5	12.1	13.8	15.7	17.6	19.6	21.6	23.5	25.3	27.2	29.1	31.0	33.2	35.5	37.9	40.1	41.8	43.1	43.4
180	10.5	12.1	13.8	15.7	17.6	19.7	21.6	23.5	25.3	27.2	29.0	31.1	33.2	35.6	38.0	40.2	42.1	43.6	44.7

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:XW
Test Date:2018-05-21

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks: KK256 50W 60PCS RF3030SMD 5700K Ra80

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.5V I:0.2005A P:43.21W PF:0.9352 Lamp Flux:5000x1 lm		
NAME: KK256-50W	TYPE:KINGKONG	WEIGHT:
SPEC.:50W	DIM.:	SERIAL No.:20180521001
MFR.: AXLUX	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
-180	44.8	44.5	43.8	42.7	41.3	39.9	38.4	37.0	35.5	34.0	32.8	31.7	30.7	29.7	28.8	28.0	27.1	26.3
-170	43.4	43.2	42.5	41.5	40.2	38.8	37.5	36.2	34.9	33.5	32.4	31.4	30.5	29.5	28.7	27.9	27.1	26.3
-160	40.4	40.2	39.7	39.0	38.0	37.1	36.1	34.9	33.8	32.7	31.8	31.0	30.1	29.3	28.5	27.8	27.0	26.3
-150	36.8	36.7	36.4	36.0	35.5	34.9	34.1	33.3	32.5	31.8	31.1	30.3	29.6	28.9	28.3	27.6	27.0	26.3
-140	33.5	33.5	33.4	33.2	32.9	32.6	32.1	31.6	31.2	30.7	30.1	29.6	29.0	28.5	28.0	27.4	26.9	26.3
-130	30.9	31.0	31.0	30.9	30.7	30.5	30.4	30.2	29.9	29.6	29.2	28.8	28.4	28.0	27.6	27.2	26.8	26.3
-120	28.9	29.0	29.0	29.0	29.0	28.9	28.9	28.7	28.6	28.4	28.2	28.0	27.8	27.5	27.2	26.9	26.6	26.3
-110	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.4	27.4	27.3	27.1	27.0	26.9	26.7	26.5	26.3
-100	26.1	26.1	26.2	26.2	26.2	26.2	26.3	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.4	26.4	26.3
-90	27.3	27.3	27.3	27.3	27.3	27.3	27.2	27.1	27.0	26.9	26.9	26.8	26.7	26.6	26.6	26.5	26.4	26.3
-80	218	212	202	190	174	158	136	113	91.3	75.2	60.5	45.7	34.8	29.8	28.0	27.2	26.6	26.3
-70	586	571	552	528	497	464	420	374	324	270	218	166	106	63.4	37.5	28.6	26.9	26.3
-60	890	875	853	823	785	739	682	618	544	465	385	303	215	135	65.9	33.4	27.3	26.3
-50	1169	1155	1133	1100	1056	999	933	857	768	664	552	437	325	212	111	43.0	27.7	26.3
-40	1366	1353	1331	1299	1252	1196	1129	1050	959	844	702	561	424	290	156	57.2	28.2	26.3
-30	1482	1470	1451	1417	1372	1316	1249	1174	1083	966	818	658	501	350	197	72.6	28.8	26.3
-20	1551	1543	1521	1489	1447	1394	1323	1245	1155	1046	895	722	556	394	238	84.8	28.9	26.3
-10	1580	1575	1558	1525	1483	1429	1361	1281	1190	1085	937	752	582	414	250	90.6	28.7	26.3
0	1590	1581	1561	1529	1486	1430	1357	1281	1195	1087	937	747	583	413	248	89.0	28.3	26.3
10	1517	1501	1473	1444	1408	1360	1295	1218	1128	1023	875	697	541	386	230	81.4	27.7	26.3
20	1431	1415	1390	1356	1309	1252	1188	1114	1026	916	769	616	477	340	200	68.6	27.1	26.3
30	1289	1275	1246	1210	1164	1107	1042	964	872	759	631	512	393	274	143	53.0	26.5	26.3
40	1063	1051	1023	984	949	903	845	767	671	571	481	388	297	194	94.1	37.9	25.9	26.3
50	800	789	766	735	694	655	603	539	466	390	319	257	183	104	54.0	26.7	25.3	26.3
60	505	495	479	456	419	385	346	288	245	201	159	111	66.6	43.4	29.0	23.2	24.7	26.3
70	95.2	96.2	91.9	83.2	71.1	57.8	54.6	55.3	49.8	36.5	21.6	16.8	21.2	19.9	20.0	22.3	24.3	26.3
80	10.6	10.7	10.7	10.8	10.8	10.8	11.0	11.0	11.0	10.9	10.8	10.9	13.9	16.6	19.3	21.7	24.0	26.3
90	12.4	12.4	12.4	12.4	12.4	12.4	12.3	12.2	12.1	12.1	12.0	11.9	14.3	16.7	19.1	21.5	23.9	26.3
100	16.0	15.9	15.8	15.7	15.5	15.3	15.0	14.7	14.4	14.1	13.8	13.6	15.6	17.7	19.8	21.9	24.1	26.3
110	20.0	19.8	19.6	19.3	19.0	18.6	18.1	17.5	16.9	16.3	15.7	15.7	17.3	19.0	20.7	22.5	24.4	26.3
120	23.6	23.4	23.1	22.7	22.2	21.6	20.9	20.2	19.4	18.5	17.6	18.1	19.2	20.4	21.7	23.2	24.7	26.3
130	27.0	26.7	26.2	25.7	25.0	24.2	23.3	22.4	21.4	20.4	20.0	20.6	21.2	22.0	22.9	23.9	25.1	26.3
140	30.7	30.3	29.6	28.8	27.8	26.7	25.5	24.3	23.1	22.5	22.8	23.0	23.3	23.6	24.1	24.7	25.5	26.3
150	34.8	34.0	33.0	31.7	30.3	28.9	27.4	25.9	25.6	25.6	25.5	25.4	25.3	25.2	25.3	25.5	25.9	26.3
160	39.2	38.1	36.5	34.5	32.5	30.6	30.1	29.6	29.1	28.6	28.1	27.7	27.2	26.8	26.5	26.3	26.3	26.3
170	42.4	40.7	38.7	37.4	36.5	35.4	34.4	33.5	32.5	31.4	30.6	29.8	29.0	28.3	27.7	27.2	26.7	26.3
180	44.8	44.5	43.8	42.7	41.3	39.9	38.4	37.0	35.5	34.0	32.8	31.7	30.7	29.7	28.8	28.0	27.1	26.3

H_(h) Range:-90 - 90DEG
H_(h) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:XW
Test Date:2018-05-21

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks: KK256 50W 60PCS RF3030SMD 5700K Ra80

Photometric Data Table [cd]

G/C	0.0	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	1586	1578	1570	1565	1561	1557	1586	1578	1570	1565
3.0	1588	1582	1574	1569	1566	1562	1588	1578	1565	1555
6.0	1588	1585	1578	1573	1571	1569	1589	1575	1558	1540
9.0	1585	1589	1581	1574	1575	1571	1584	1566	1546	1524
12.0	1571	1581	1582	1574	1573	1569	1570	1550	1530	1506
15.0	1561	1568	1578	1568	1571	1557	1557	1531	1507	1482
18.0	1540	1557	1567	1558	1564	1545	1540	1509	1482	1457
21.0	1521	1537	1551	1548	1551	1534	1520	1488	1452	1423
24.0	1497	1516	1533	1532	1534	1520	1490	1459	1418	1388
27.0	1464	1490	1509	1511	1510	1493	1456	1421	1381	1342
30.0	1430	1461	1484	1486	1487	1464	1425	1383	1337	1291
33.0	1389	1425	1453	1457	1460	1429	1382	1342	1285	1232
36.0	1346	1386	1417	1424	1429	1397	1342	1292	1225	1163
39.0	1294	1339	1379	1386	1389	1357	1289	1238	1155	1088
42.0	1252	1292	1333	1342	1345	1311	1238	1180	1079	1011
45.0	1195	1238	1279	1287	1293	1260	1185	1120	992.9	933.0
48.0	1130	1181	1221	1222	1234	1205	1127	1050	906.7	854.0
51.0	1063	1120	1149	1147	1166	1146	1050	967.7	821.9	774.0
54.0	973.7	1047	1067	1065	1086	1079	947.4	871.7	733.8	690.3
57.0	860.7	964.1	975.0	983.0	994.5	1004	836.6	761.6	644.7	602.4
60.0	746.9	869.3	879.5	897.1	903.3	908.3	721.0	651.1	555.4	506.9
63.0	647.5	760.5	785.4	809.5	810.3	802.2	621.2	540.5	461.7	403.8
66.0	543.3	646.0	688.3	721.8	710.2	694.9	522.8	438.7	356.9	260.1
69.0	448.3	533.3	592.0	627.0	618.3	577.6	433.5	343.6	235.5	129.3
72.0	347.3	425.9	490.4	529.8	518.0	470.9	322.6	250.6	111.5	25.53
75.0	248.4	328.5	393.1	423.9	422.1	372.7	228.4	163.0	17.99	12.44
78.0	145.2	231.4	290.1	304.7	321.9	278.7	117.7	65.26	11.98	10.98
81.0	67.44	139.4	172.7	164.0	195.4	190.6	37.39	13.49	10.55	10.45
84.0	28.83	66.55	65.22	52.35	75.90	92.17	12.12	10.86	10.19	10.61
87.0	27.28	29.30	30.44	30.50	30.90	33.65	10.39	10.34	11.00	11.46
90.0	26.35	26.77	27.25	27.32	27.81	27.87	10.54	11.24	11.96	12.41
93.0	26.81	26.23	25.80	25.93	26.02	26.17	11.43	12.22	13.00	13.45
96.0	27.29	26.69	25.93	25.52	25.74	26.41	12.39	13.27	14.10	14.54
99.0	27.76	27.10	26.27	25.88	26.01	26.68	13.43	14.38	15.24	15.69
102.0	28.29	27.57	26.69	26.22	26.34	26.94	14.57	15.52	16.43	16.86
105.0	28.78	27.99	27.12	26.61	26.65	27.23	15.65	16.71	17.63	18.09
108.0	29.34	28.50	27.58	27.00	27.05	27.54	16.85	17.92	18.85	19.29
111.0	29.89	29.02	28.03	27.42	27.38	27.88	18.08	19.14	20.08	20.47
114.0	30.46	29.59	28.50	27.81	27.73	28.23	19.22	20.31	21.23	21.60
117.0	31.12	30.13	29.00	28.26	28.11	28.60	20.46	21.49	22.36	22.65
120.0	31.74	30.75	29.57	28.77	28.53	28.90	21.60	22.61	23.45	23.71
123.0	32.38	31.34	30.09	29.22	28.84	29.15	22.70	23.72	24.49	24.72
126.0	33.00	31.95	30.71	29.80	29.39	29.58	23.82	24.81	25.57	25.74
129.0	33.74	32.70	31.46	30.46	30.01	30.19	24.93	25.92	26.64	26.80
132.0	34.61	33.50	32.16	31.19	30.64	30.83	26.03	27.01	27.73	27.90
135.0	35.49	34.33	32.93	31.86	31.37	31.52	27.18	28.17	28.89	29.06
138.0	36.35	35.23	33.75	32.70	32.18	32.33	28.32	29.32	30.08	30.19
141.0	37.23	36.10	34.69	33.57	33.05	33.12	29.40	30.43	31.27	31.38
144.0	38.10	37.00	35.58	34.54	33.94	33.93	30.61	31.66	32.47	32.53
147.0	38.97	37.91	36.56	35.48	34.86	34.75	31.95	32.98	33.81	33.86
150.0	39.86	38.85	37.55	36.56	35.91	35.72	33.23	34.34	35.19	35.23
153.0	40.73	39.85	38.67	37.65	36.91	36.73	34.67	35.75	36.61	36.70
156.0	41.64	40.83	39.69	38.74	38.06	37.82	36.12	37.17	38.04	38.09
159.0	42.49	41.76	40.69	39.85	39.11	38.91	37.52	38.57	39.46	39.45
162.0	43.21	42.63	41.67	40.90	40.25	39.99	38.98	39.97	40.80	40.74
165.0	43.82	43.41	42.57	41.89	41.24	40.91	40.21	41.12	41.91	41.91
168.0	44.31	44.01	43.29	42.73	42.10	41.70	41.36	42.18	42.90	42.81
171.0	44.61	44.49	43.91	43.50	42.79	42.31	42.43	43.09	43.76	43.63
174.0	44.77	44.79	44.35	44.07	43.31	42.77	43.33	43.89	44.34	44.22
177.0	44.77	44.90	44.67	44.51	43.75	43.08	44.16	44.47	44.82	44.58
180.0	44.58	44.95	44.86	44.80	43.94	43.22	44.72	44.79	44.97	44.71
G/C	300.0	330.0								
0.0	1561	1557								
3.0	1551	1555								
6.0	1540	1548								
9.0	1527	1536								
12.0	1512	1517								
15.0	1493	1499								
18.0	1464	1474								
21.0	1431	1444								
24.0	1396	1416								
27.0	1354	1378								
30.0	1309	1339								

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:XW
Test Date:2018-05-21

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks: KK256 50W 60PCS RF3030SMD 5700K Ra80

Photometric Data Table [cd]

33.0	1251	1294
36.0	1191	1245
39.0	1118	1186
42.0	1036	1125
45.0	954.4	1056
48.0	873.3	979.6
51.0	790.9	892.1
54.0	698.7	792.0
57.0	615.6	684.7
60.0	519.9	579.5
63.0	421.2	478.8
66.0	321.9	382.7
69.0	195.6	291.8
72.0	75.31	204.7
75.0	13.88	111.6
78.0	12.04	31.71
81.0	10.79	12.55
84.0	10.67	10.88
87.0	11.49	11.10
90.0	12.36	11.91
93.0	13.34	12.80
96.0	14.40	13.75
99.0	15.48	14.76
102.0	16.63	15.82
105.0	17.74	16.92
108.0	18.95	18.03
111.0	20.08	19.12
114.0	21.18	20.15
117.0	22.23	21.16
120.0	23.23	22.13
123.0	24.19	23.11
126.0	25.16	24.06
129.0	26.23	25.05
132.0	27.31	26.05
135.0	28.41	27.11
138.0	29.57	28.20
141.0	30.67	29.24
144.0	31.81	30.37
147.0	33.09	31.62
150.0	34.44	32.93
153.0	35.86	34.34
156.0	37.30	35.75
159.0	38.64	37.14
162.0	39.97	38.55
165.0	41.13	39.74
168.0	42.08	40.76
171.0	42.88	41.65
174.0	43.51	42.34
177.0	43.94	42.89
180.0	44.06	43.12

H(b) Range:-90 - 90DEG
 H(b) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XW
 Test Date:2018-05-21

V(B) Range:-180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks: KK256 50W 60PCS RF3030SMD 5700K Ra80