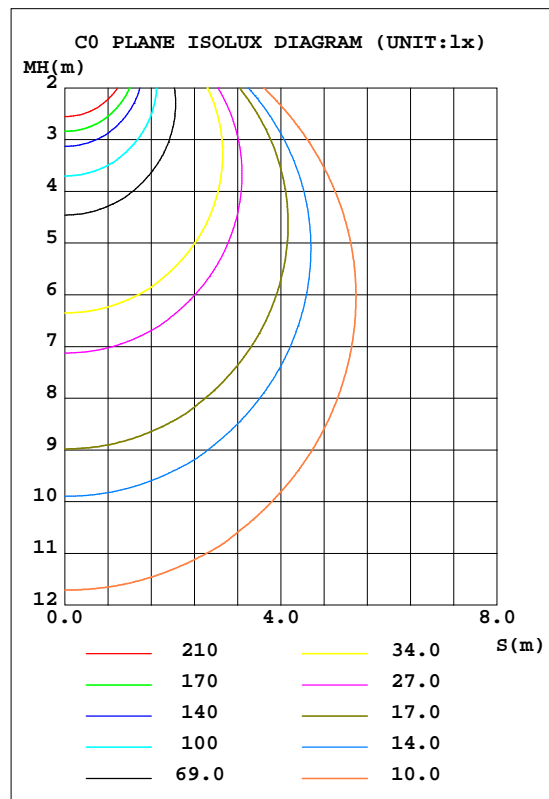
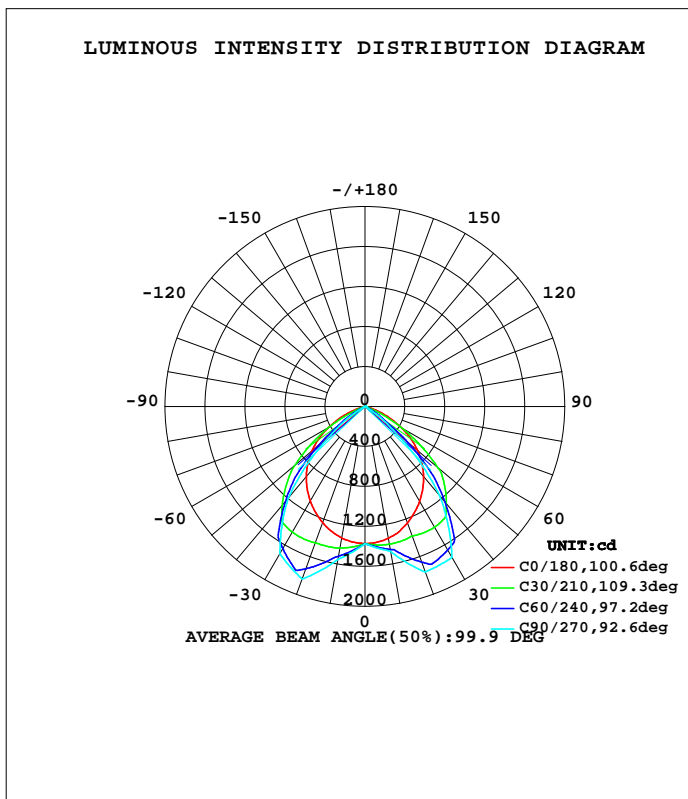


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: 36W LED louver fitting	TYPE:	WEIGHT:
SPEC.:	DIM.: 595*595	SERIAL No.: 20190514-02
MFR.: A&K	SUR.: 545*545	PROTECTION ANGLE: -90*90

DATA OF LAMP		PHOTOMETRIC DATA Eff: 88.10 lm/W			
MODEL		I _{max} (cd)	1838	S/MH(C0/180)	1.20
NOMINAL POWER(W)	38.8	LOR(%)	100.0	S/MH(C90/270)	1.36
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	3426.4	h UP, DN(C0-180)	0.0, 49.4
NOMINAL FLUX(lm)	3426.42	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0, 50.6
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220	h down(%)	100.0	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: jiang
 Test Date: 2019-05-14

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity: 65.0%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
5	1364	1403	1421	1402	1362	1431	1462	1432	0- 5	33.44	33.44	0.98,0.98
10	1339	1428	1471	1426	1338	1484	1552	1486	5- 10	102.4	135.8	3.96,3.96
15	1302	1458	1617	1455	1294	1535	1695	1536	10- 15	174.5	310.3	9.06,9.06
20	1241	1532	1763	1522	1238	1599	1838	1605	15- 20	251.2	561.5	16.4,16.4
25	1173	1588	1753	1579	1171	1652	1770	1654	20- 25	325.4	886.9	25.9,25.9
30	1096	1570	1744	1560	1095	1605	1703	1608	25- 30	385.7	1273	37.1,37.1
35	1009	1488	1453	1478	1009	1475	1449	1483	30- 35	425.1	1698	49.5,49.5
40	913.4	1366	1163	1357	914.3	1317	1195	1328	35- 40	429.7	2127	62.1,62.1
45	808.8	1071	756.9	1070	810.2	1052	821.9	1060	40- 45	400.7	2528	73.8,73.8
50	691.5	779.9	350.9	788.0	694.6	788.6	448.9	793.7	45- 50	334.8	2863	83.6,83.6
55	559.4	457.5	184.5	465.0	565.3	481.4	235.1	485.9	50- 55	248.7	3112	90.8,90.8
60	414.1	182.0	18.14	186.6	420.8	214.7	21.29	217.7	55- 60	164.7	3276	95.6,95.6
65	271.1	70.20	10.59	72.79	275.5	83.57	12.40	82.89	60- 65	90.70	3367	98.3,98.3
70	136.5	9.471	3.042	10.39	132.9	12.41	3.513	10.84	65- 70	42.68	3410	99.5,99.5
75	37.18	2.895	2.098	2.917	34.19	3.177	2.379	3.066	70- 75	13.79	3424	99.9,99.9
80	1.852	1.379	1.155	1.293	1.822	1.326	1.245	1.295	75- 80	2.242	3426	100,100
85	0.7952	0.3600	0	0.3196	0.7756	0.3273	0	0.3051	80- 85	0.4976	3426	100,100
90	0.0848	0	0	0	0.0041	0	0	0	85- 90	0.0651	3426	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: HIGH
 Temperature:25.3DEG
 Operators:jiang
 Test Date:2019-05-14

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity:65.0%
 Test Distance:8.600m [K=1.0000]
 Remarks:

WEC AND CCEC

NAME: 36W LED louver fitting	TYPE:	WEIGHT:
SPEC.:	DIM.: 595*595	SERIAL No.: 20190514-02
MFR.: A&K	SUR.: 545*545	PROTECTION ANGLE: -90*90

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	.230	.131	.041	.223	.127	.040	.210	.121	.038	.198	.114	.037	.187	.109	.035	
2.0	.227	.124	.038	.221	.122	.037	.210	.117	.036	.199	.112	.035	.190	.107	.034	
3.0	.218	.116	.035	.213	.114	.034	.203	.110	.033	.194	.106	.033	.186	.103	.032	
4.0	.207	.108	.032	.203	.106	.031	.194	.103	.031	.186	.100	.030	.179	.097	.030	
5.0	.197	.100	.029	.193	.099	.029	.185	.096	.028	.178	.094	.028	.171	.092	.028	
6.0	.186	.093	.027	.183	.092	.027	.176	.090	.026	.170	.088	.026	.164	.086	.026	
7.0	.176	.087	.025	.173	.086	.025	.167	.085	.024	.162	.083	.024	.156	.081	.024	
8.0	.167	.082	.023	.164	.081	.023	.159	.079	.023	.154	.078	.022	.149	.076	.022	
9.0	.159	.077	.021	.156	.076	.021	.151	.075	.021	.146	.073	.021	.142	.072	.021	
10.0	.151	.072	.020	.148	.072	.020	.144	.070	.020	.140	.069	.020	.136	.068	.020	

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	.175	.157	.141	.150	.135	.121	.102	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.164	.132	.106	.140	.114	.092	.096	.079	.064	.055	.046	.037	.018	.015	.012	
3.0	.154	.114	.082	.132	.098	.071	.091	.068	.050	.053	.040	.029	.017	.013	.010	
4.0	.147	.100	.065	.126	.086	.056	.086	.060	.039	.050	.035	.023	.016	.011	.008	
5.0	.140	.089	.052	.120	.077	.045	.083	.054	.032	.048	.032	.019	.015	.010	.006	
6.0	.133	.081	.043	.114	.070	.038	.079	.049	.027	.046	.029	.016	.015	.009	.005	
7.0	.127	.074	.036	.109	.064	.032	.075	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.121	.068	.031	.104	.059	.027	.072	.041	.019	.042	.024	.011	.014	.008	.004	
9.0	.116	.063	.027	.100	.055	.024	.069	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.111	.059	.024	.096	.051	.021	.066	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: jiang
 Test Date: 2019-05-14

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity: 65.0%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

NAME: 36W LED louver fitting		TYPE:					WEIGHT:				
SPEC.:		DIM.: 595*595					SERIAL No.:20190514-02				
MFR.: A&K		SUR.:545*545					PROTECTION ANGLE:-90*90				
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	17.9	19.2	18.1	19.4	19.6	14.5	15.8	14.8	16.0	16.2	
3H	18.3	19.5	18.6	19.7	19.9	14.3	15.5	14.6	15.7	15.9	
4H	18.2	19.4	18.5	19.6	19.8	14.2	15.3	14.5	15.6	15.8	
6H	18.1	19.2	18.5	19.4	19.7	14.1	15.1	14.4	15.4	15.7	
8H	18.1	19.1	18.4	19.4	19.6	14.1	15.1	14.4	15.3	15.6	
12H	18.0	19.0	18.4	19.3	19.6	14.0	15.0	14.3	15.2	15.5	
4H 2H	17.7	18.8	18.0	19.0	19.3	14.7	15.8	15.0	16.0	16.3	
3H	18.1	19.1	18.4	19.3	19.6	14.5	15.4	14.8	15.7	16.0	
4H	18.1	18.9	18.4	19.2	19.6	14.4	15.2	14.7	15.5	15.9	
6H	18.0	18.7	18.4	19.1	19.4	14.3	15.0	14.7	15.4	15.7	
8H	17.9	18.6	18.3	19.0	19.4	14.2	14.9	14.6	15.3	15.7	
12H	17.9	18.5	18.3	18.9	19.3	14.2	14.8	14.6	15.2	15.6	
8H 4H	17.9	18.6	18.3	19.0	19.4	14.3	15.0	14.7	15.3	15.7	
6H	17.8	18.4	18.3	18.8	19.2	14.2	14.7	14.6	15.1	15.6	
8H	17.8	18.3	18.3	18.7	19.2	14.1	14.6	14.6	15.0	15.5	
12H	17.8	18.2	18.2	18.6	19.1	14.1	14.5	14.6	15.0	15.4	
12H 4H	17.9	18.5	18.3	18.9	19.3	14.2	14.8	14.6	15.2	15.6	
6H	17.8	18.3	18.2	18.7	19.2	14.1	14.6	14.6	15.0	15.5	
8H	17.8	18.2	18.2	18.6	19.1	14.1	14.5	14.6	15.0	15.4	
Variations with the observer position at spacings:											
S = 1.0H	+ 1.5 / - 1.8					+ 2.3 / - 7.4					
1.5H	+ 0.8 / - 2.0					+ 1.9 / - 4.1					
2.0H	+ 1.6 / - 3.0					+ 4.4 / -17.2					

CIE Pub.117 Corrected 3426 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.3)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:jiang
 Test Date:2019-05-14

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity:65.0%
 Test Distance:8.600m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

NAME: 36W LED louver fitting	TYPE:	WEIGHT:
SPEC.:	DIM.: 595*595	SERIAL No.: 20190514-02
MFR.: A&K	SUR.: 545*545	PROTECTION ANGLE: -90*90

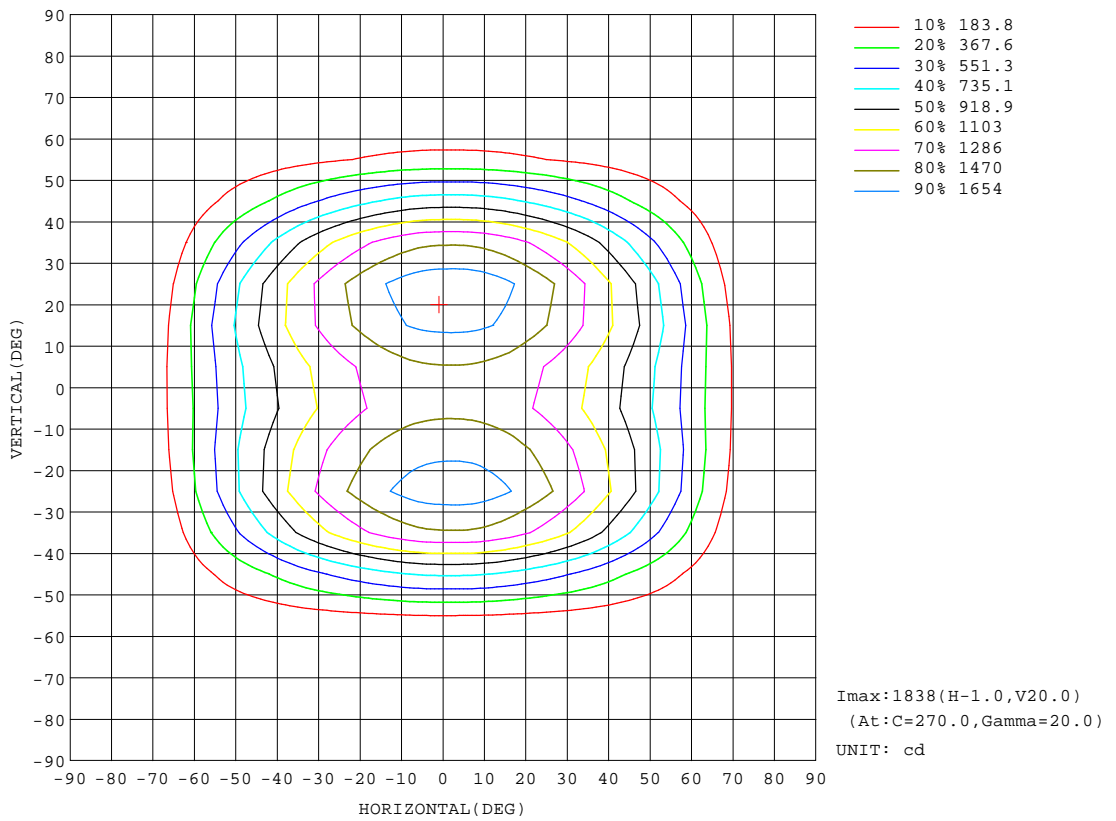
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	67	57	51	66	57	51	65	56	51	45
0.80	78	68	62	77	68	62	75	67	61	56
1.00	86	77	71	85	77	71	83	77	71	65
1.25	92	84	79	91	84	79	89	82	78	72
1.50	97	89	84	95	89	84	93	87	83	77
2.00	102	96	91	101	95	91	98	93	89	83
2.50	105	99	95	103	98	94	100	95	92	85
3.00	107	102	98	105	101	97	102	98	95	88
4.00	110	106	103	108	104	101	104	101	99	91
5.00	112	108	105	110	106	104	105	103	101	92
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: jiang
 Test Date: 2019-05-14

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity: 65.0%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

NAME: 36W LED louver fitting	TYPE:	WEIGHT:
SPEC.:	DIM.: 595*595	SERIAL No.: 20190514-02
MFR.: A&K	SUR.: 545*545	PROTECTION ANGLE: -90*90



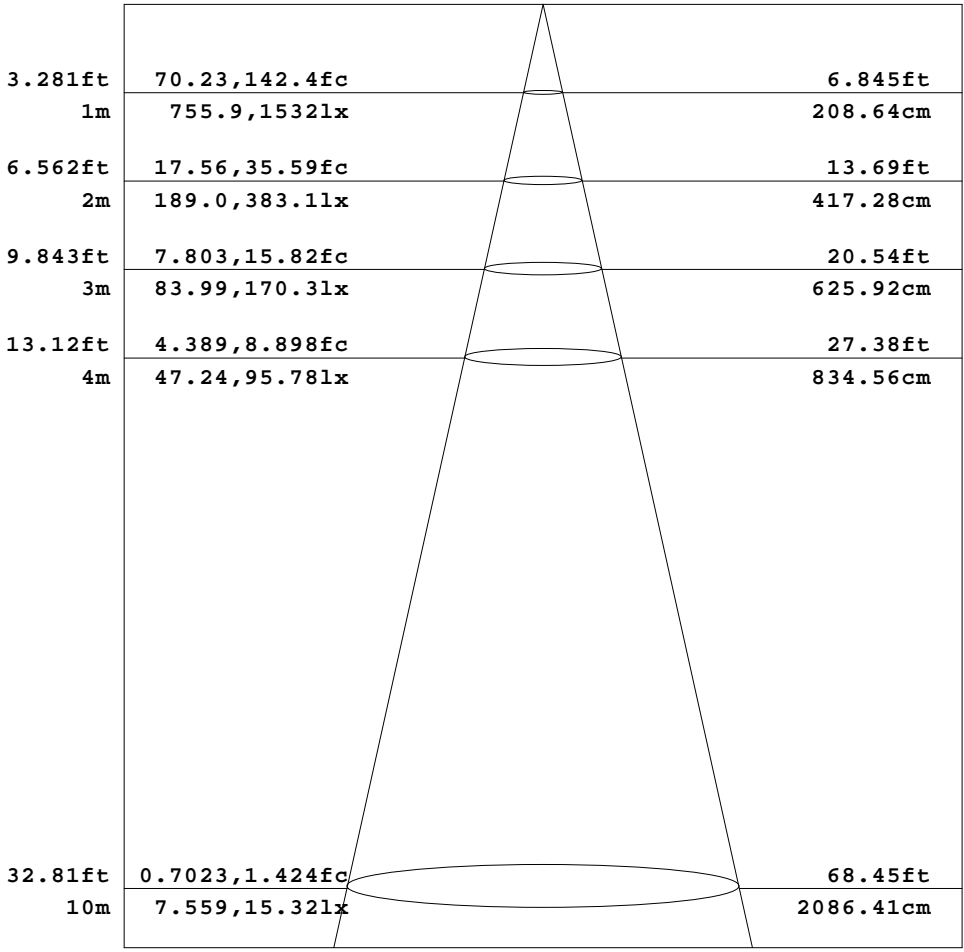
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: jiang
 Test Date: 2019-05-14

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity: 65.0%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

AAI Figure

NAME: 36W LED louver fitting	TYPE:	WEIGHT:
SPEC.:	DIM.: 595*595	SERIAL No.: 20190514-02
MFR.: A&K	SUR.: 545*545	PROTECTION ANGLE: -90*90

Flux out: 2637 lm



Height Eavg, Emax Angle: 92.42deg Diameter

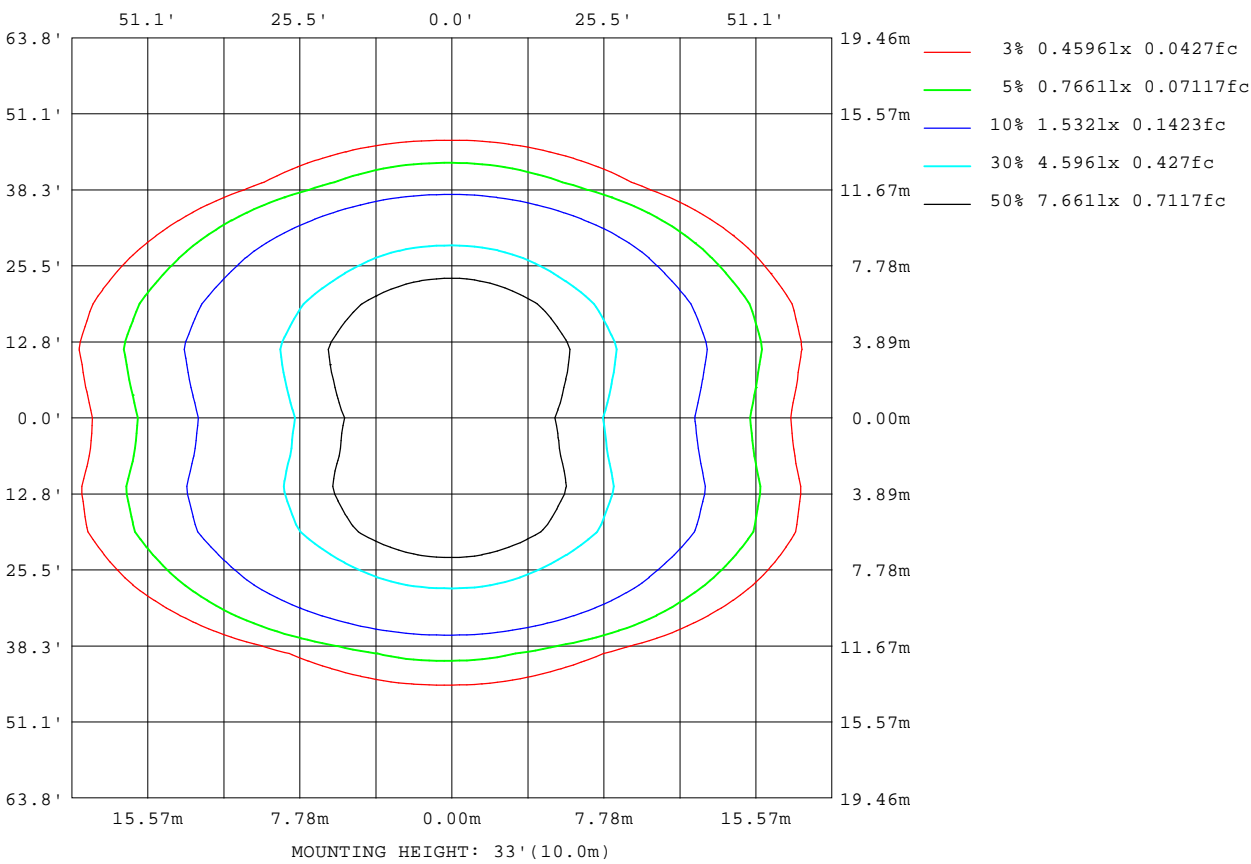
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: jiang
 Test Date: 2019-05-14

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity: 65.0%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

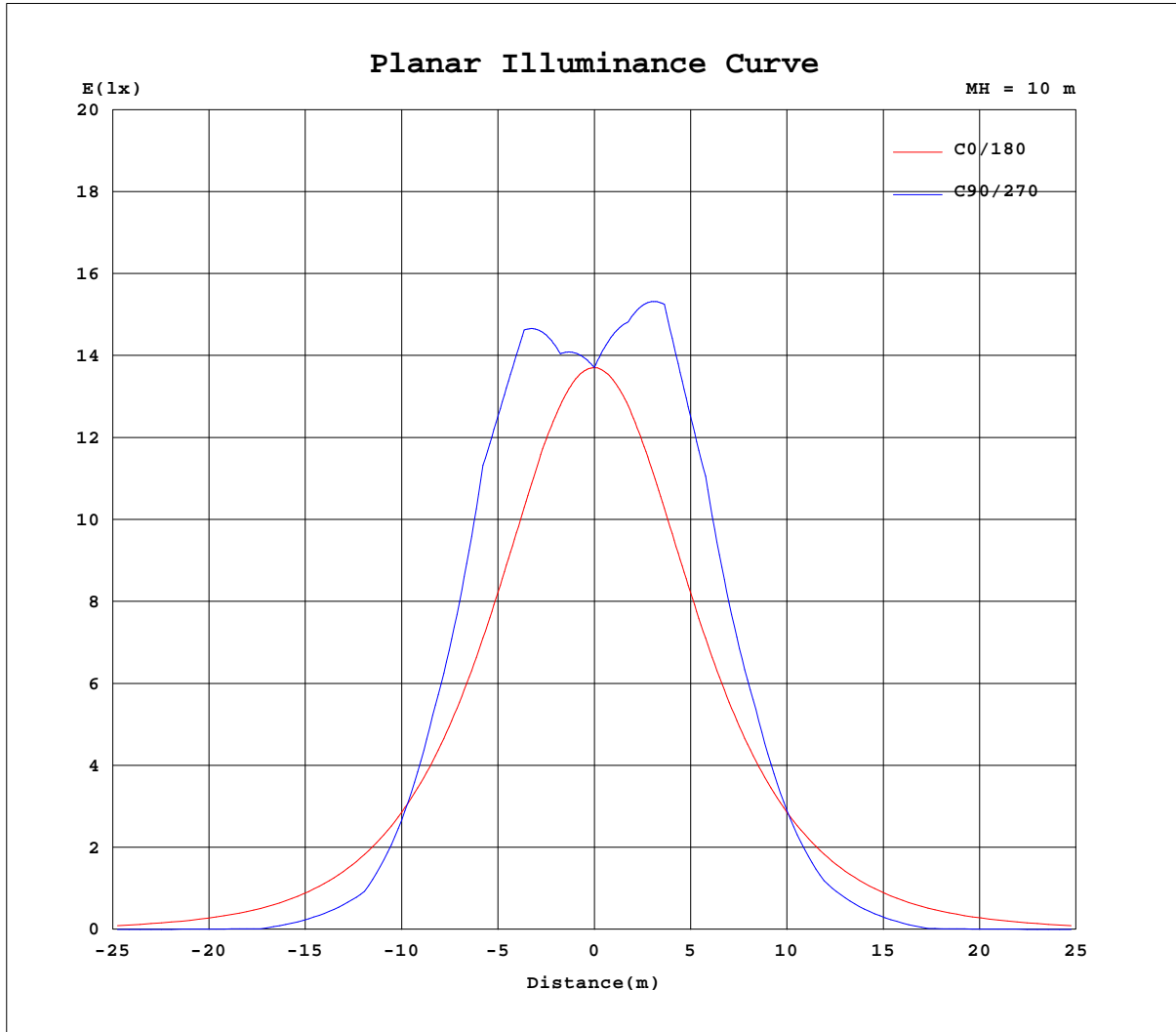
NAME: 36W LED louver fitting	TYPE:	WEIGHT:
SPEC.:	DIM.: 595*595	SERIAL No.: 20190514-02
MFR.: A&K	SUR.: 545*545	PROTECTION ANGLE: -90*90



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: jiang
 Test Date: 2019-05-14

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity: 65.0%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: jiang
 Test Date: 2019-05-14

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity: 65.0%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 36W LED louver fitting	TYPE:	WEIGHT:
SPEC.:	DIM.: 595*595	SERIAL No.: 20190514-02
MFR.: A&K	SUR.: 545*545	PROTECTION ANGLE: -90*90

Table--1

UNIT: cd

C(DEG) g (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371
5	1364	1369	1373	1378	1382	1387	1391	1395	1399	1403	1407	1410	1413	1415	1417	1419	1420	1421	1421
10	1339	1349	1358	1368	1378	1389	1399	1409	1419	1428	1437	1445	1452	1458	1462	1466	1469	1470	1471
15	1302	1315	1330	1346	1362	1378	1395	1412	1429	1458	1490	1519	1545	1567	1586	1600	1609	1615	1617
20	1241	1259	1279	1301	1325	1350	1381	1432	1484	1532	1576	1618	1656	1690	1718	1739	1753	1761	1763
25	1173	1196	1221	1249	1279	1329	1394	1459	1524	1588	1649	1681	1699	1717	1733	1745	1751	1753	1753
30	1096	1122	1153	1187	1240	1316	1394	1473	1543	1570	1598	1627	1657	1685	1708	1728	1740	1744	1744
35	1009	1038	1072	1115	1196	1283	1375	1421	1453	1488	1527	1568	1543	1518	1498	1483	1471	1459	1453
40	913	943	980	1045	1132	1230	1269	1305	1348	1366	1319	1279	1247	1221	1203	1190	1179	1169	1163
45	809	838	878	957	1051	1095	1131	1178	1124	1071	1024	984	936	885	842	809	784	765	757
50	692	720	770	853	912	938	956	892	834	780	706	633	564	502	450	409	379	358	351
55	559	587	641	720	735	743	676	611	538	458	372	286	246	229	214	202	194	187	185
60	414	437	489	528	546	485	419	340	253	182	159	133	107	83.4	62.2	44.2	30.3	21.1	18.1
65	271	289	325	343	312	261	189	118	96.5	70.2	39.7	14.1	12.8	11.9	11.6	11.2	10.9	10.5	10.6
70	137	144	159	156	128	78.7	57.5	34.5	10.5	9.47	8.29	7.21	6.01	5.06	4.36	3.77	3.22	2.95	3.04
75	37.2	36.3	36.1	35.3	22.4	15.6	6.41	5.40	4.18	2.89	2.24	2.22	2.14	2.09	2.05	2.02	1.96	1.97	2.10
80	1.85	1.85	2.11	2.31	1.98	2.19	1.64	1.55	1.46	1.38	1.32	1.26	1.19	1.16	1.13	1.10	1.08	1.09	1.16
85	0.80	0.71	0.89	0.98	0.98	0.89	0.79	0.61	0.47	0.36	0.27	0.20	0.14	0.10	0.06	0.04	0.02	0.00	0.00
90	0.08	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: HIGH
 Temperature: 25.3DEG
 Operators: jiang
 Test Date: 2019-05-14

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity: 65.0%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 36W LED louver fitting	TYPE:	WEIGHT:
SPEC.:	DIM.: 595*595	SERIAL No.: 20190514-02
MFR.: A&K	SUR.: 545*545	PROTECTION ANGLE: -90*90

Table--2

UNIT: cd

C(DEG) g (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371
5	1421	1420	1419	1417	1414	1412	1409	1405	1402	1398	1394	1389	1385	1380	1376	1371	1367	1362	1370
10	1470	1468	1465	1461	1456	1450	1442	1434	1426	1417	1407	1397	1387	1377	1367	1357	1347	1338	1355
15	1614	1607	1597	1582	1564	1541	1516	1487	1455	1424	1407	1389	1372	1355	1338	1323	1308	1294	1318
20	1759	1750	1734	1712	1685	1651	1610	1568	1522	1475	1426	1375	1345	1320	1297	1276	1256	1238	1269
25	1751	1747	1739	1727	1709	1689	1669	1640	1579	1516	1452	1387	1323	1274	1244	1217	1193	1171	1209
30	1741	1735	1722	1700	1674	1646	1617	1588	1560	1534	1464	1385	1308	1233	1181	1148	1120	1095	1140
35	1457	1466	1478	1490	1509	1533	1556	1516	1478	1443	1412	1367	1276	1190	1110	1069	1036	1009	1058
40	1167	1176	1186	1200	1218	1243	1274	1312	1357	1340	1298	1263	1225	1128	1041	978	942	914	966
45	765	783	808	843	886	938	987	1025	1070	1121	1173	1128	1094	1050	955	875	837	810	861
50	360	380	411	453	505	567	637	711	788	841	896	957	938	913	853	768	720	695	744
55	188	195	204	216	232	250	290	377	465	549	623	684	746	737	723	641	587	565	611
60	21.6	30.8	44.9	63.2	84.9	110	136	163	187	260	351	433	495	548	532	491	437	421	460
65	10.8	11.0	11.5	12.0	12.5	13.6	15.0	41.2	72.8	101	126	199	272	320	345	325	284	275	299
70	2.93	3.15	3.74	4.39	5.15	6.25	7.54	8.79	10.4	11.7	37.0	61.4	82.7	133	155	151	137	133	138
75	1.96	1.93	1.99	2.01	2.02	2.10	2.13	2.11	2.92	4.43	5.75	6.68	17.1	25.4	36.6	34.5	34.6	34.2	30.1
80	1.09	1.10	1.10	1.12	1.12	1.16	1.18	1.23	1.29	1.40	1.50	1.64	2.41	2.21	2.40	2.03	1.82	1.82	1.78
85	0.00	0.02	0.04	0.06	0.10	0.14	0.19	0.25	0.32	0.42	0.53	0.67	0.80	0.91	0.94	0.88	0.68	0.78	0.64
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: HIGH
 Temperature: 25.3DEG
 Operators: jiang
 Test Date: 2019-05-14

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity: 65.0%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 36W LED louver fitting	TYPE:	WEIGHT:
SPEC.:	DIM.: 595*595	SERIAL No.: 20190514-02
MFR.: A&K	SUR.: 545*545	PROTECTION ANGLE: -90*90

Table--3

UNIT: cd

C(DEG) g (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371
5	1378	1386	1394	1402	1410	1417	1424	1431	1437	1442	1447	1451	1455	1458	1460	1461	1462	1461	1460
10	1371	1388	1405	1422	1438	1454	1470	1484	1497	1510	1521	1530	1538	1544	1548	1551	1552	1552	1549
15	1343	1369	1396	1423	1449	1476	1502	1535	1567	1596	1621	1643	1662	1676	1686	1693	1695	1693	1688
20	1303	1338	1374	1411	1452	1502	1551	1599	1644	1687	1728	1762	1789	1811	1826	1834	1838	1835	1827
25	1251	1294	1340	1396	1460	1524	1589	1652	1713	1733	1741	1750	1760	1765	1768	1769	1770	1771	1771
30	1188	1241	1303	1376	1452	1532	1598	1605	1615	1629	1643	1659	1676	1690	1698	1701	1703	1703	1701
35	1113	1175	1252	1336	1426	1453	1461	1475	1494	1516	1499	1483	1471	1465	1458	1451	1449	1453	1461
40	1025	1096	1181	1275	1289	1297	1313	1317	1284	1258	1238	1223	1213	1207	1203	1197	1195	1199	1205
45	923	999	1090	1111	1116	1132	1090	1052	1020	996	960	919	886	860	842	827	822	828	843
50	806	885	929	922	918	868	826	789	727	668	613	565	525	493	470	455	449	456	472
55	669	742	727	713	658	609	549	481	411	341	307	289	272	258	247	238	235	238	247
60	510	531	521	471	415	348	275	215	191	163	134	106	79.4	56.5	38.3	25.9	21.3	24.8	36.0
65	332	326	296	253	192	132	112	83.6	49.0	18.6	17.0	15.8	15.0	14.3	13.6	12.8	12.4	12.1	12.1
70	146	141	117	71.7	57.2	37.2	13.2	12.4	10.8	9.25	7.81	6.50	5.45	4.52	3.83	3.48	3.51	3.32	3.56
75	27.4	27.2	16.2	13.4	5.61	5.17	4.64	3.18	2.32	2.46	2.60	2.48	2.42	2.31	2.25	2.27	2.38	2.17	2.14
80	1.82	1.82	1.68	1.80	1.43	1.34	1.33	1.33	1.30	1.31	1.33	1.27	1.23	1.18	1.15	1.19	1.25	1.13	1.14
85	0.66	0.64	0.63	0.57	0.53	0.47	0.41	0.33	0.26	0.20	0.15	0.11	0.07	0.04	0.02	0.00	0.00	0.00	0.02
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: HIGH
 Temperature: 25.3DEG
 Operators: jiang
 Test Date: 2019-05-14

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity: 65.0%
 Test Distance: 8.600m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 36W LED louver fitting	TYPE:	WEIGHT:
SPEC.:	DIM.: 595*595	SERIAL No.: 20190514-02
MFR.: A&K	SUR.: 545*545	PROTECTION ANGLE: -90*90

Table--4

UNIT: cd

C(DEG) g (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371	1371				
5	1458	1456	1452	1448	1443	1438	1432	1426	1419	1411	1404	1396	1388	1380	1372				
10	1545	1539	1532	1522	1511	1499	1486	1471	1455	1439	1423	1406	1389	1372	1355				
15	1678	1664	1646	1623	1597	1568	1536	1505	1480	1455	1429	1403	1376	1351	1326				
20	1813	1792	1764	1729	1691	1649	1605	1557	1506	1456	1416	1378	1342	1306	1272				
25	1768	1763	1754	1746	1739	1715	1654	1591	1527	1463	1400	1344	1298	1254	1212				
30	1694	1682	1668	1652	1635	1620	1608	1600	1533	1454	1378	1305	1243	1190	1141				
35	1469	1479	1492	1509	1527	1504	1483	1467	1455	1426	1336	1252	1175	1113	1058				
40	1211	1220	1230	1245	1267	1294	1328	1322	1303	1291	1274	1179	1096	1024	965				
45	864	891	925	966	1002	1027	1060	1098	1140	1120	1111	1087	997	921	860				
50	497	528	570	618	673	732	794	831	873	923	924	926	881	804	741				
55	258	273	291	311	346	416	486	552	611	659	714	726	737	663	604				
60	53.8	76.9	104	134	164	193	218	278	349	414	469	523	526	501	451				
65	12.3	12.5	13.2	14.3	15.7	47.2	82.9	112	132	192	250	294	327	327	295				
70	4.06	4.73	5.63	6.84	7.99	9.35	10.8	11.9	37.2	59.1	75.6	115	137	144	140				
75	2.16	2.21	2.30	2.47	2.41	2.36	3.07	4.43	5.18	5.99	14.8	19.1	27.9	30.2	32.8				
80	1.17	1.19	1.21	1.26	1.27	1.29	1.29	1.33	1.35	1.36	1.85	1.74	2.24	2.30	2.04				
85	0.04	0.07	0.10	0.14	0.19	0.25	0.31	0.37	0.43	0.51	0.57	0.64	0.66	0.68	0.69				
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: HIGH
 Temperature: 25.3DEG
 Operators: jiang
 Test Date: 2019-05-14

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.285
 Humidity: 65.0%
 Test Distance: 8.600m [K=1.0000]
 Remarks: