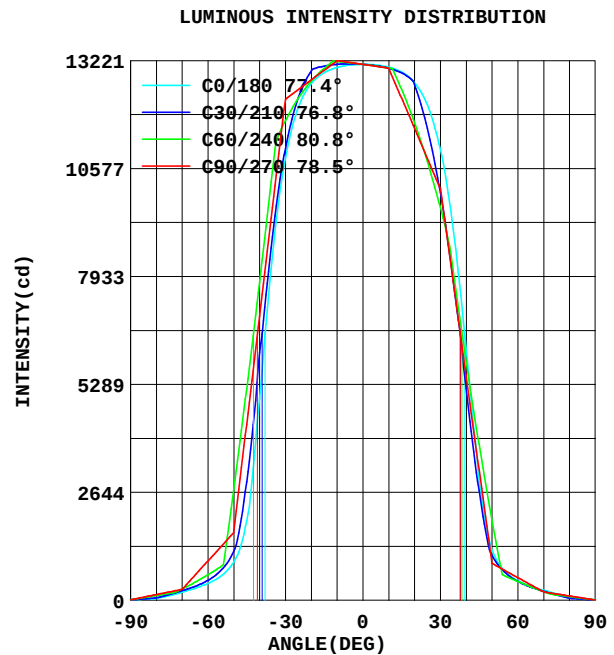
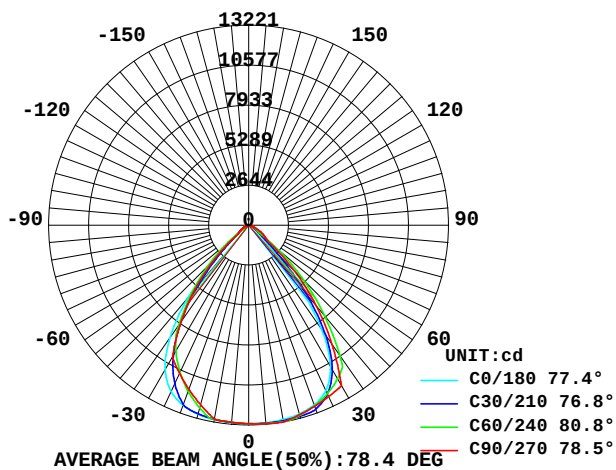


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: LED gas station light		TYPE: FL-YZD-KM4-150W	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.: FL-C20190606-1

MODEL:	Philips 3030	Max(cd):	13221	Effective Flux(lm):	18795.3
NOMINAL POWER(W):	146	MAXIMUM(C, γ):	90, 10.0	EEI	0.106
RATED VOLTAGE(V):	222	EFFICIENCY(%):	100.0	Voltage(V)	221.3
NOMINAL FLUX(lm):	20021.7	η street_up(%):	0.0	Current(A)	0.664
TEST FLUX(lm):	20021.7	η street_down(%):	53.7	Power(W)	145.6
LAMPS QUANTITY:	1	η house_up(%):	0.0	Power Factor	0.991
TOTAL RADIANT(mw):	20021.7	η house_down(%):	46.3	EEFICIENCY(lm/W)	137.4



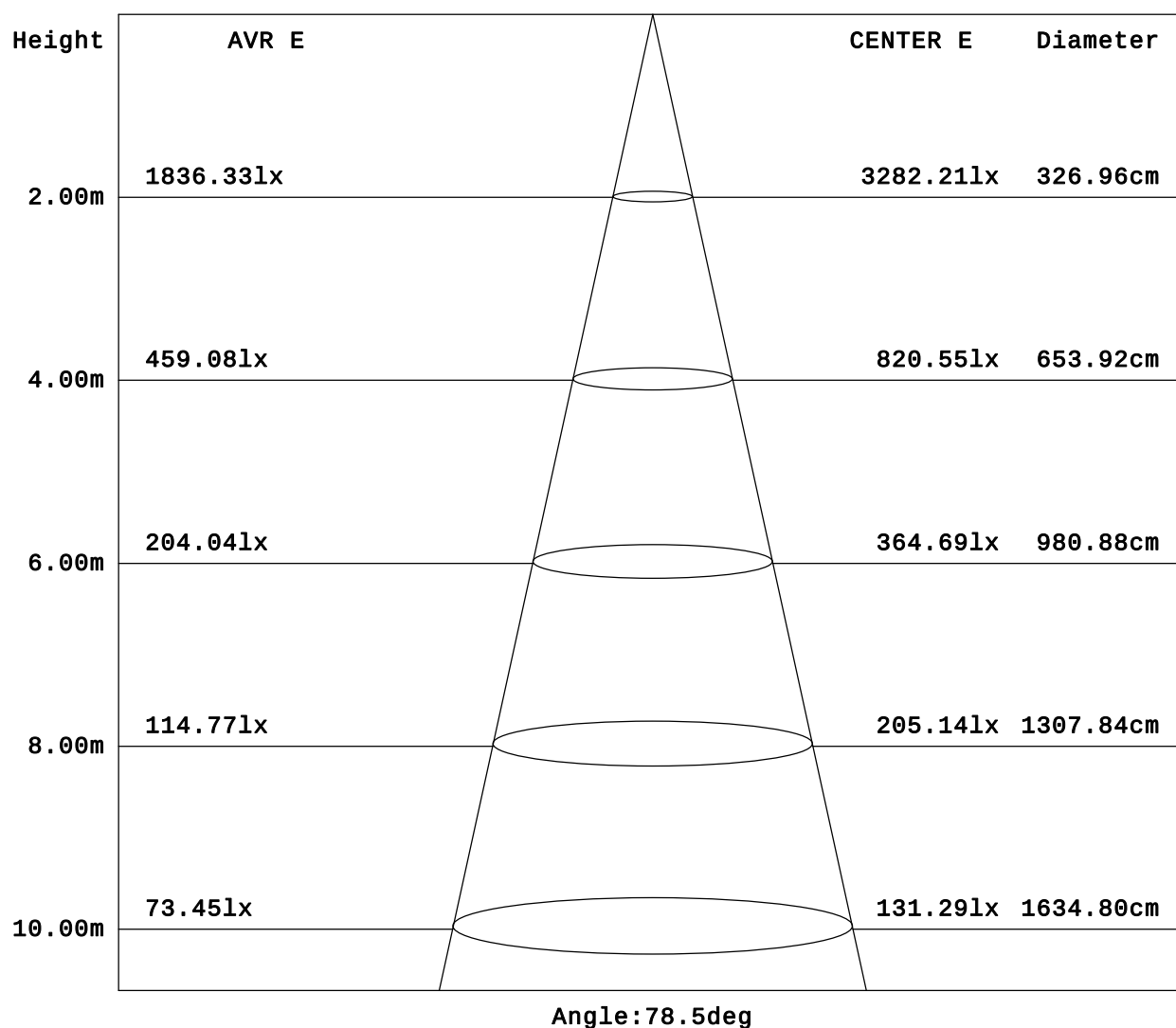
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2019年06月06日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME: LED gas station light		TYPE: FL-YZD-KM4-150W	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.: FL-C20190606-1



Test System: HOP00 HPG1900
Temperature: 25.3DEG
Operators:
Test Date: 2019年06月06日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LED gas station light		TYPE: FL-YZD-KM4-150W	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.: FL-C20190606-1

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1311	1315	1318	1315	1311	1309	1308	1309	0- 5	313.8	313.8
10.0	1305	1317	1322	1316	1306	1304	1304	1302	5- 10	937.8	1252
15.0	1292	1311	1298	1310	1294	1283	1230	1280	10- 15	1541	2792
20.0	1265	1275	1275	1278	1268	1201	1156	1197	15- 20	2085	4878
25.0	1208	1216	1251	1226	1214	1091	1083	1087	20- 25	2545	7423
30.0	1083	1122	1227	1145	1105	946.2	1009	939.7	25- 30	2871	10293
35.0	842.7	971.3	961.8	1022	907.7	759.5	779.3	744.1	30- 35	2925	13218
40.0	495.6	746.2	696.5	834.9	619.2	537.8	549.7	511.2	35- 40	2532	15750
45.0	195.5	462.3	431.1	556.0	290.7	339.1	320.1	310.6	40- 45	1814	17564
50.0	93.00	247.6	165.7	321.9	123.3	191.2	90.62	160.7	45- 50	1041	18605
55.0	59.09	113.9	131.0	152.2	71.50	92.65	73.09	82.43	50- 55	509.8	19115
60.0	40.95	50.74	96.25	55.25	48.05	42.15	55.57	40.73	55- 60	310.7	19426
65.0	29.13	37.24	61.50	40.77	35.36	31.30	38.04	30.58	60- 65	223.7	19650
70.0	19.81	25.24	26.75	28.28	24.82	21.23	20.51	21.21	65- 70	155.5	19805
75.0	11.24	14.30	20.39	17.10	16.13	11.66	15.62	12.53	70- 75	99.41	19905
80.0	4.700	9.208	14.03	11.29	8.740	7.492	10.73	8.189	75- 80	63.98	19969
85.0	2.495	5.086	7.677	6.304	3.680	4.156	5.847	4.513	80- 85	37.03	20006
90.0	1.610	1.100	1.320	1.460	2.090	0.940	0.960	0.960	85- 90	16.02	20022
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm	

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019年06月06日

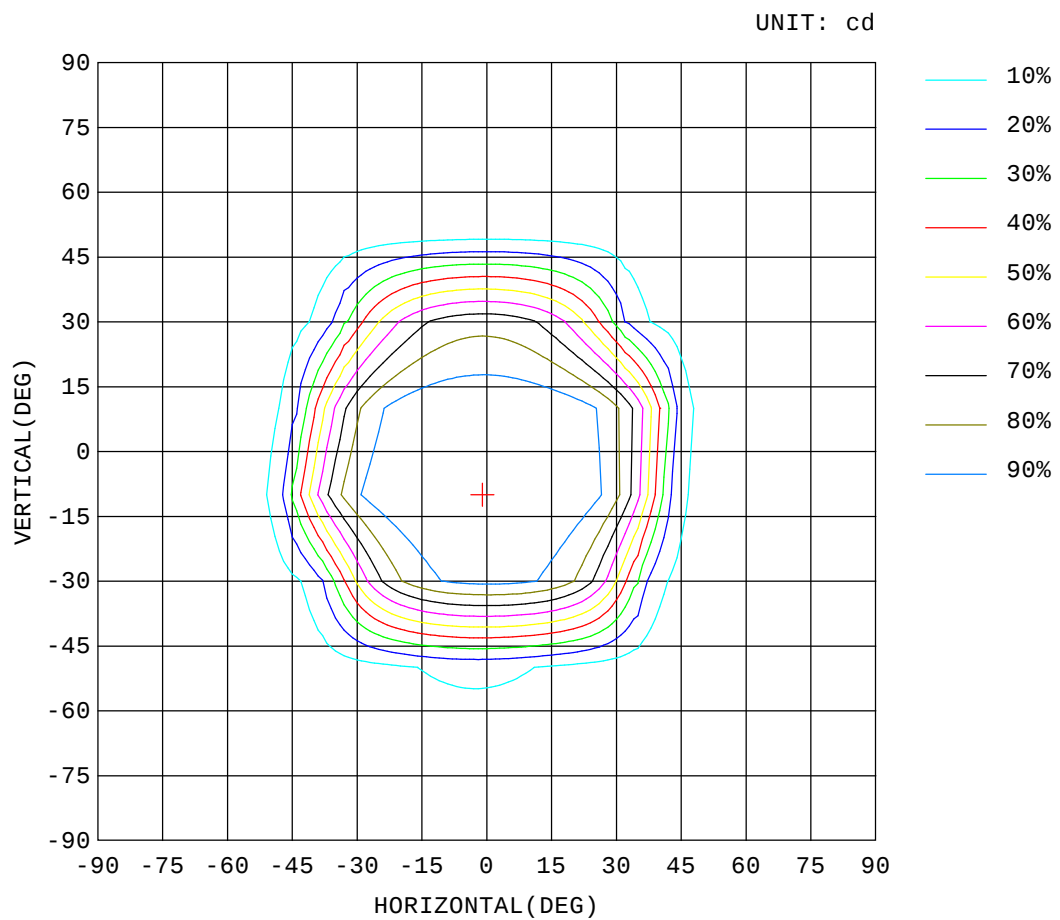
Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LED gas station light		TYPE: FL-YZD-KM4-150W	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.: FL-C20190606-1



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2019年06月06日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

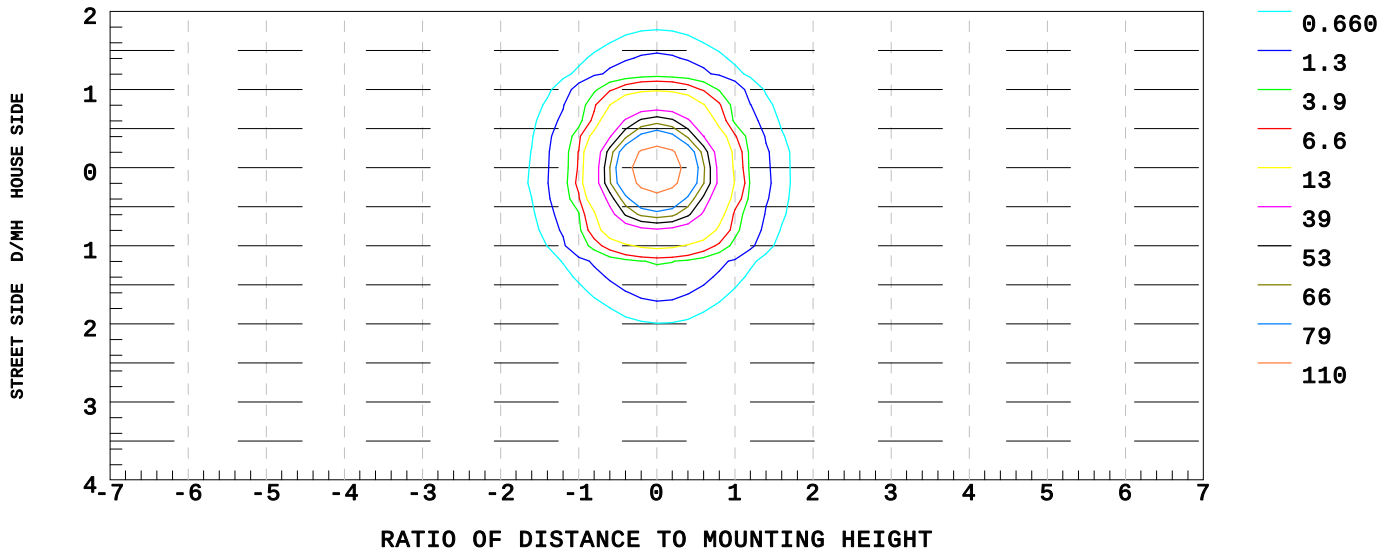
GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LED gas station light		TYPE: FL-YZD-KM4-150W	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.: FL-C20190606-1

ILLUMINANCE AT MH=10 m, Enadir = 131.29 lx



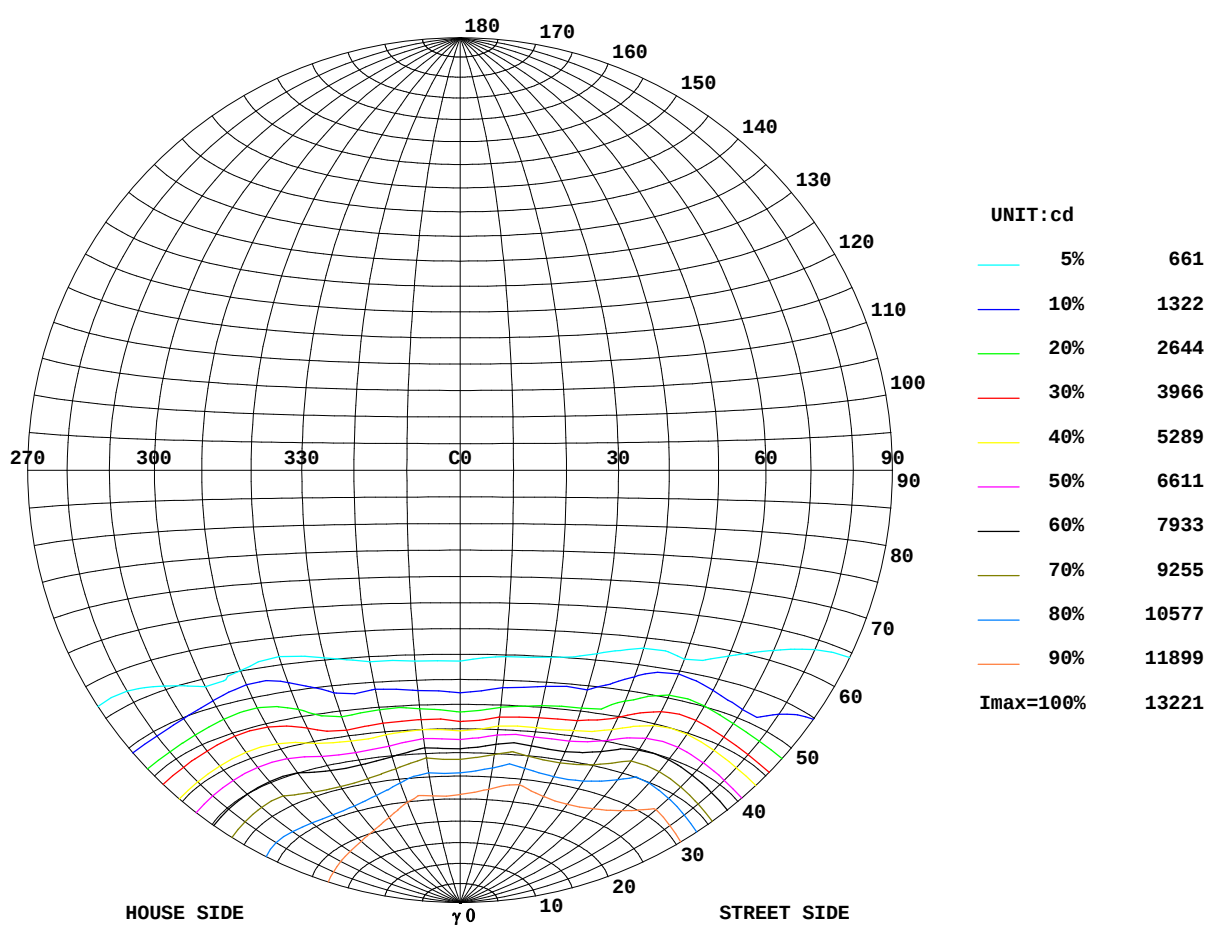
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2019年06月06日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LED gas station light		TYPE: FL-YZD-KM4-150W	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.: FL-C20190606-1



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2019年06月06日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

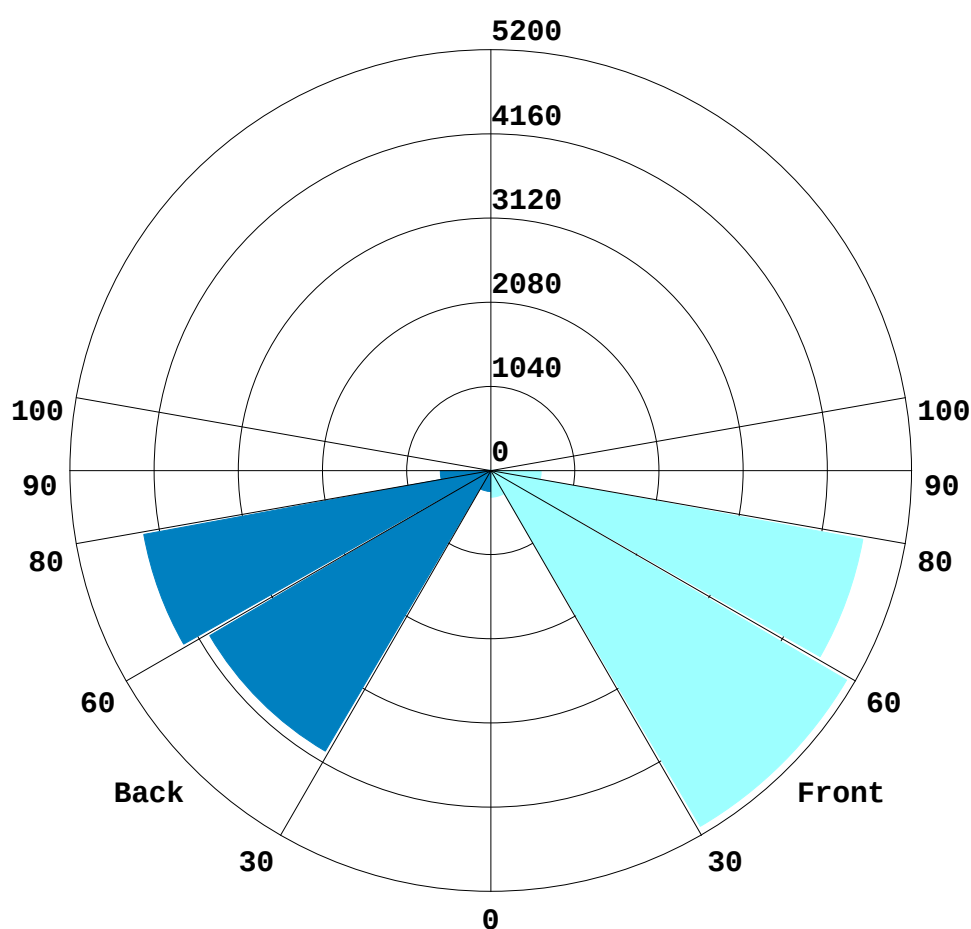
LCS Report

Report number:

MANUFACTURER:			
Address:			
NAME: LED gas station light		TYPE: FL-YZD-KM4-150W	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.: FL-C20190606-1

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH

Uplight



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2019年06月06日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG Report

Report number:

MANUFACTURER:			
Address:			
NAME: LED gas station light		TYPE: FL-YZD-KM4-150W	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.: FL-C20190606-1

IESNA Luminaire Flux Distribution Table

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	334.2	1.7
FM - Front-Medium(30-60)	5106.0	25.5
FH - Front-High(60-80)	4680.5	23.4
FVH - Front-VeryHigh(80-90)	627.7	3.1
Total Forward Light	10748.5	53.7

BL - Back-Low(0-30)	261.6	1.3
BM - Back-Medium(30-60)	4026.7	20.1
BH - Back-High(60-80)	4361.1	21.8
BVH - Back-VeryHigh(80-90)	623.9	3.1
Total Back Light	9273.2	46.3

UL - Uplight-Low(90-100)	0.0	0.0
UH - Uplight-High(100-180)	0.0	0.0
Total UpLight	0.0	0.0

BUG(Back, Up, Glare) Rating	B4-U0-G4
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Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019年06月06日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: