

DIKER GONIOPHOTOMETERS SYSTEM TEST REPORT

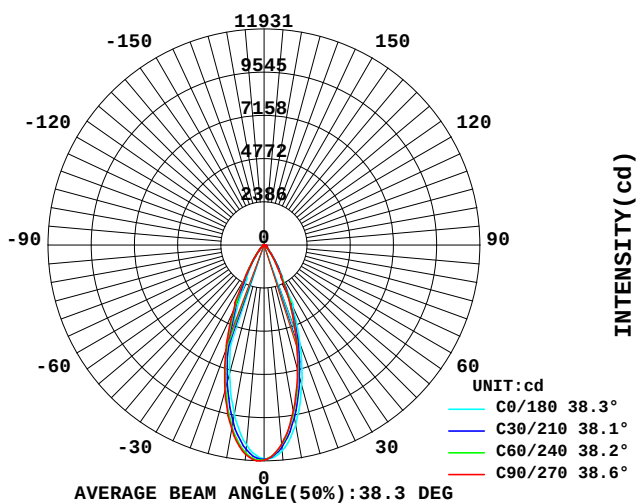
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number :

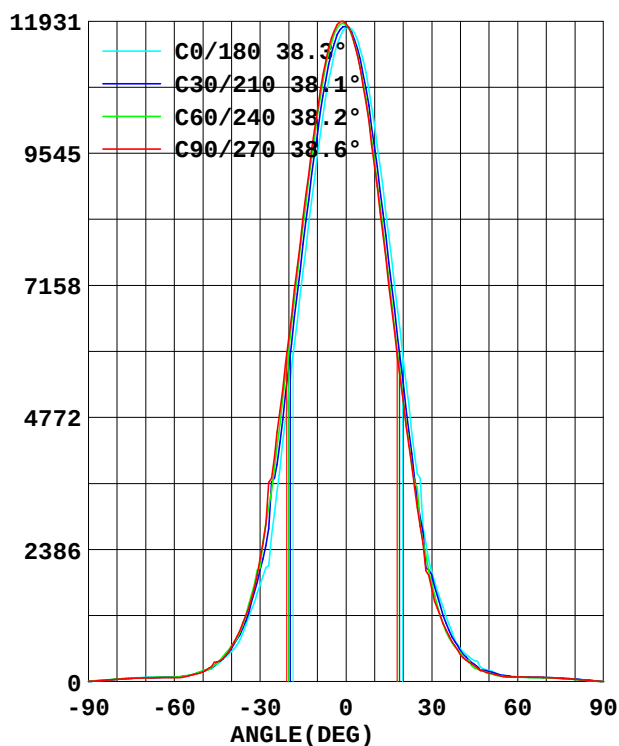
MANUFACTURER :	Address :		
NAME : BL-D1801848	TYPE:LED Projector Light	WEIGHT :	
SPECIFICATION:BL-D180-50W-40D	DIMENSION :	SERIAL No. :	

DATA OF LAMP		Imax(cd)	11942	S/MH(C0/180)	0.60
MODEL	CREE XPG	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.66
NOMINAL POWER(W)	54	TOTAL FLUX(lm)	5972.8	Voltage(V)	218.1
RATED VOLTAGE(V)	218	EFFICIENCY(lm/W)	110.2	Current(A)	0.253
NOMINAL FLUX(lm)	5972.8	η up(%)	0.0	Power(W)	54.20
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.980
TEST VOLTAGE(V)	218.2	Effective Flux(lm)	5972.8	EEI	0.124

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:2023年04月26日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.060 m
 Remarks:

DIKER GONIOPHOTOMETERS SYSTEM TEST REPORT

Color Temperature Data List

Report number:

MANUFACTURER:	Address:	
NAME: BL-D1801848	TYPE:LED Projector Light	WEIGHT:
SPECIFICATION:BL-D180-50W-40D	DIMENSION:	SERIAL No.:

Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:2023年04月26日

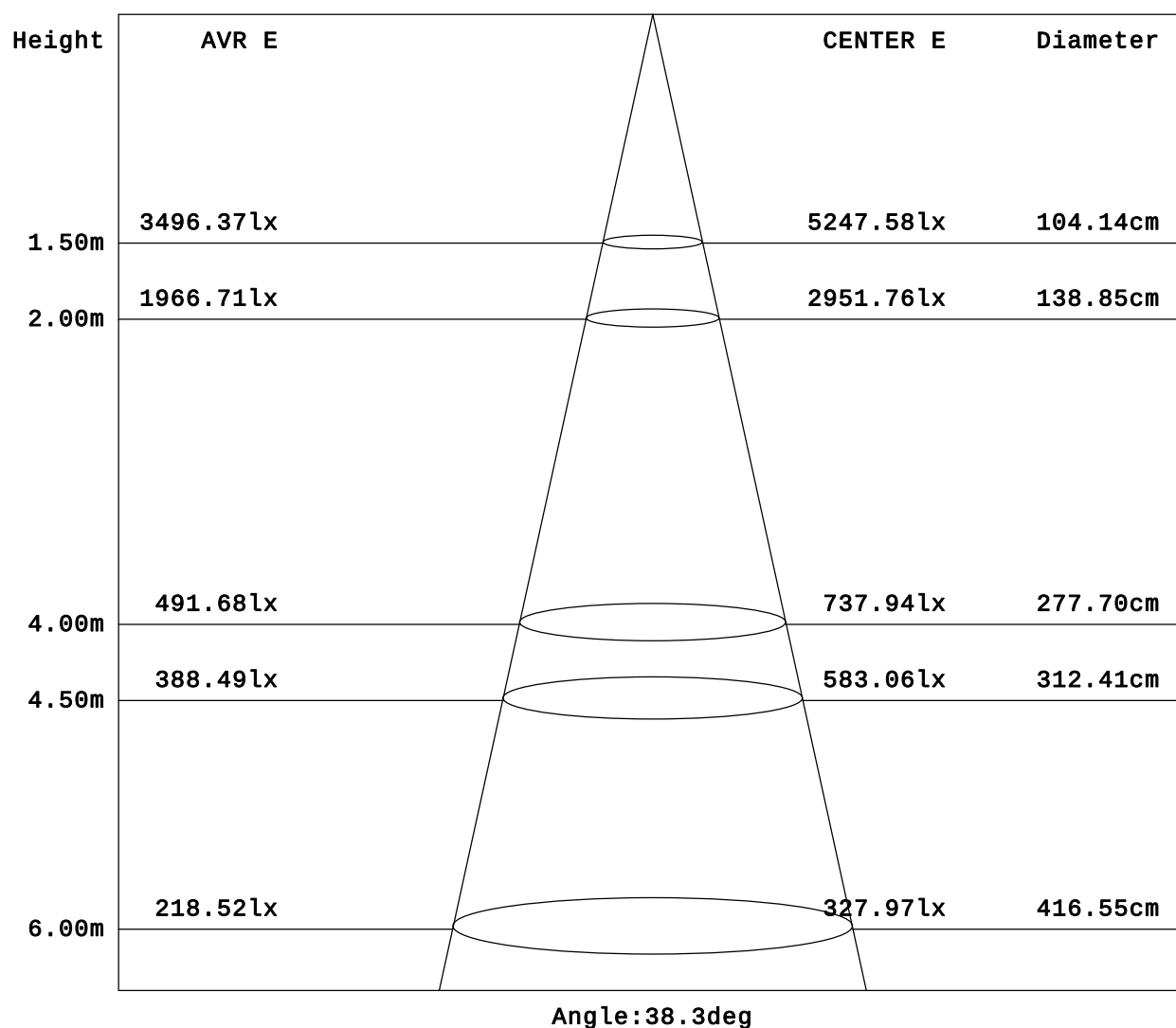
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DIKER GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number :

MANUFACTURER :	Address :	
NAME : BL-D1801848	TYPE:LED Projector Light	WEIGHT :
SPECIFICATION:BL-D180-50W-40D	DIMENSION :	SERIAL No. :



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:2023年04月26日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.060 m
Remarks:

DIKER GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: BL-D1801848	TYPE:LED Projector Light	WEIGHT:
SPECIFICATION:BL-D180-50W-40D	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1109	1145	1163	1153	1141	1116	1107	1118	0- 5	277.2	277.2
10.0	951.9	1005	1030	1014	1008	956.0	933.2	955.2	5- 10	755.0	1032
15.0	740.3	806.5	838.3	814.6	805.2	742.7	715.4	739.9	10- 15	1037	2070
20.0	516.4	580.2	617.1	588.0	582.6	524.5	508.2	520.8	15- 20	1089	3158
25.0	304.4	377.1	405.5	374.5	375.6	339.7	314.5	335.3	20- 25	935.5	4094
30.0	174.2	203.9	222.4	204.8	198.4	185.5	168.4	181.8	25- 30	666.8	4761
35.0	100.7	113.4	119.0	112.9	117.1	97.70	93.13	97.51	30- 35	431.4	5192
40.0	54.25	62.05	62.43	60.62	59.55	54.01	48.57	53.86	35- 40	261.4	5454
45.0	31.19	34.61	35.48	33.81	37.76	27.85	28.55	28.62	40- 45	159.5	5613
50.0	19.72	18.80	17.48	18.18	19.95	16.88	15.47	17.52	45- 50	94.44	5708
55.0	11.53	11.05	10.29	10.73	11.03	10.27	8.897	10.75	50- 55	60.51	5768
60.0	8.657	8.054	7.391	8.034	8.124	8.166	8.264	8.316	55- 60	42.02	5810
65.0	8.199	7.618	7.067	7.588	7.680	7.665	7.830	7.860	60- 65	38.47	5849
70.0	7.636	7.087	6.604	7.040	7.197	7.075	7.217	7.292	65- 70	37.66	5886
75.0	6.345	6.053	5.652	6.003	6.160	5.896	5.951	6.083	70- 75	34.65	5921
80.0	4.391	4.358	4.092	4.323	4.431	4.112	4.132	4.216	75- 80	27.65	5949
85.0	2.252	2.392	2.267	2.382	2.452	2.056	2.033	2.105	80- 85	17.73	5966
90.0	0.279	0.287	0.324	0.282	0.349	0.182	0.274	0.179	85- 90	6.461	5973
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 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:2023年04月26日

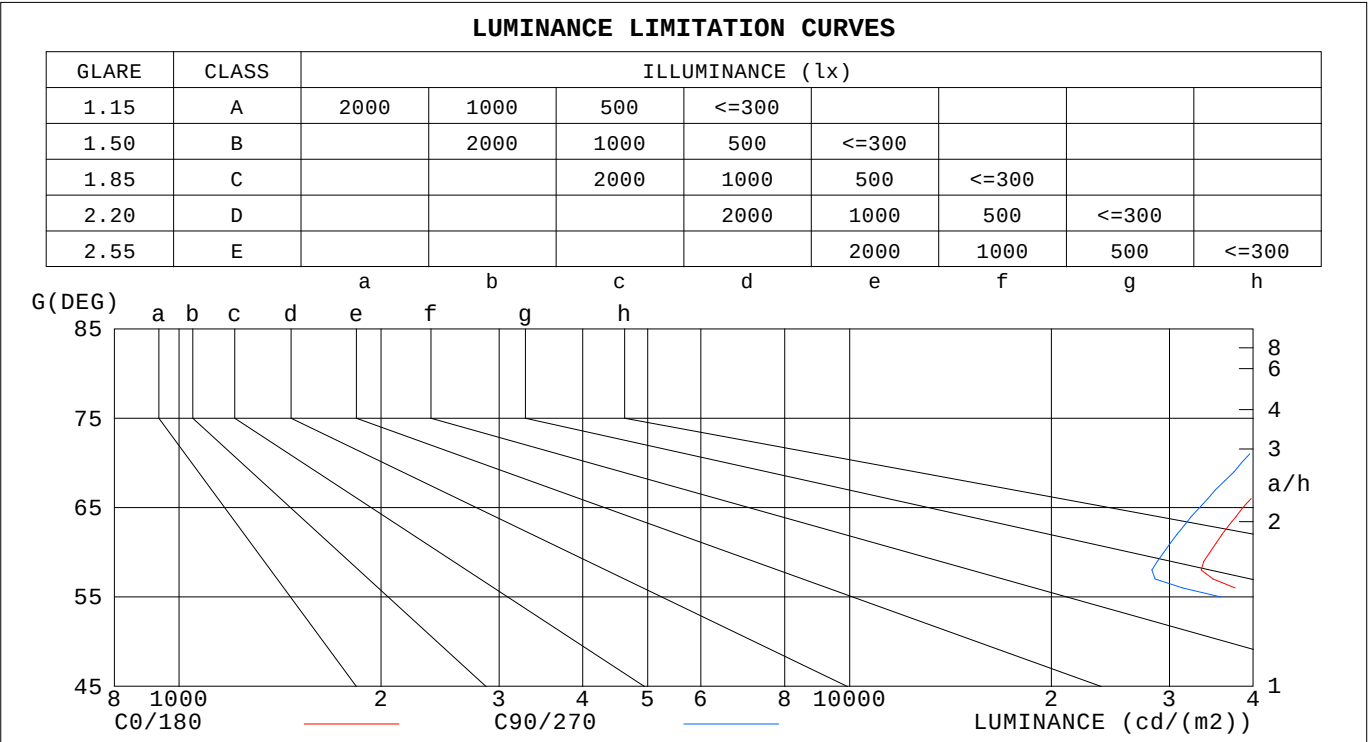
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.060 m
 Remarks:

DIKER GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:	Address:		
NAME: BL-D1801848	TYPE:LED Projector Light	WEIGHT:	
SPECIFICATION:BL-D180-50W-40D	DIMENSION:	SERIAL No.:	



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	51452	51793
80	50334	46906
75	48797	43469
70	44439	38435
65	38617	33288
60	34466	29426
55	40025	35735
50	61074	54129
45	87817	99883

Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:2023年04月26日

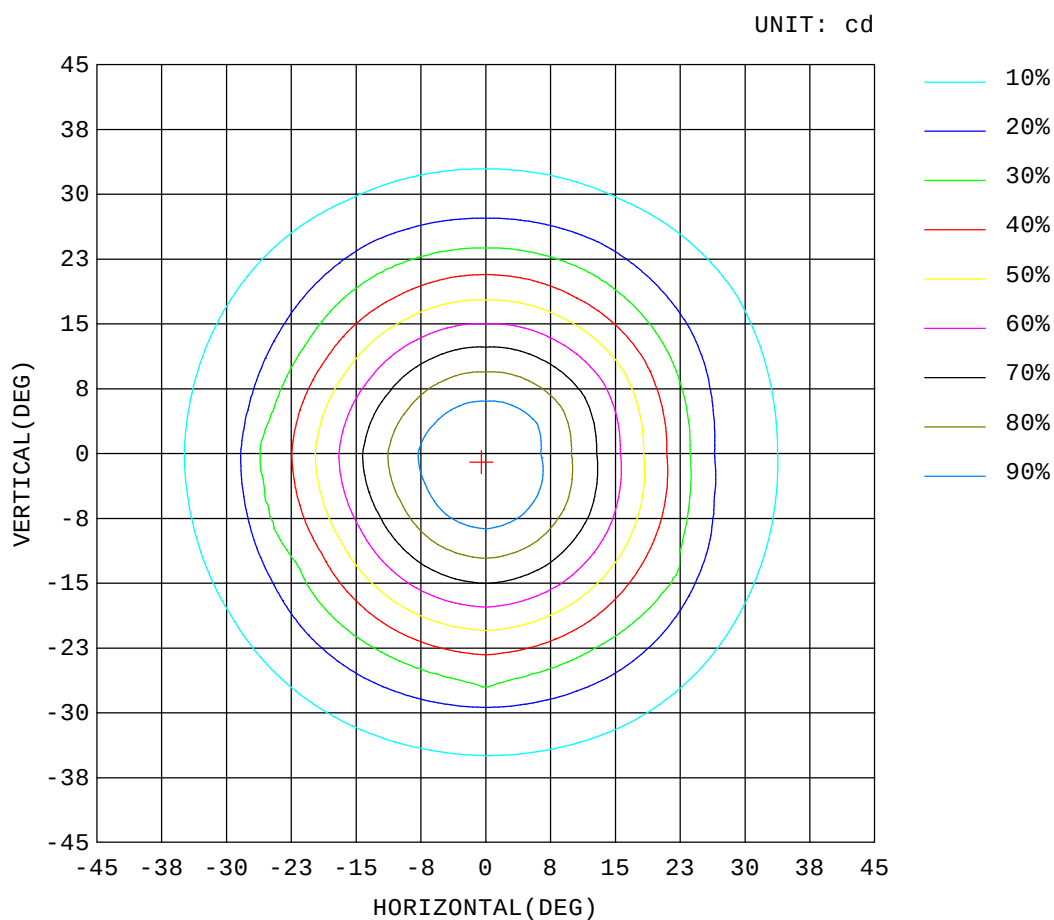
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DIKER GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: BL-D1801848	TYPE:LED Projector Light	WEIGHT:
SPECIFICATION:BL-D180-50W-40D	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:2023年04月26日

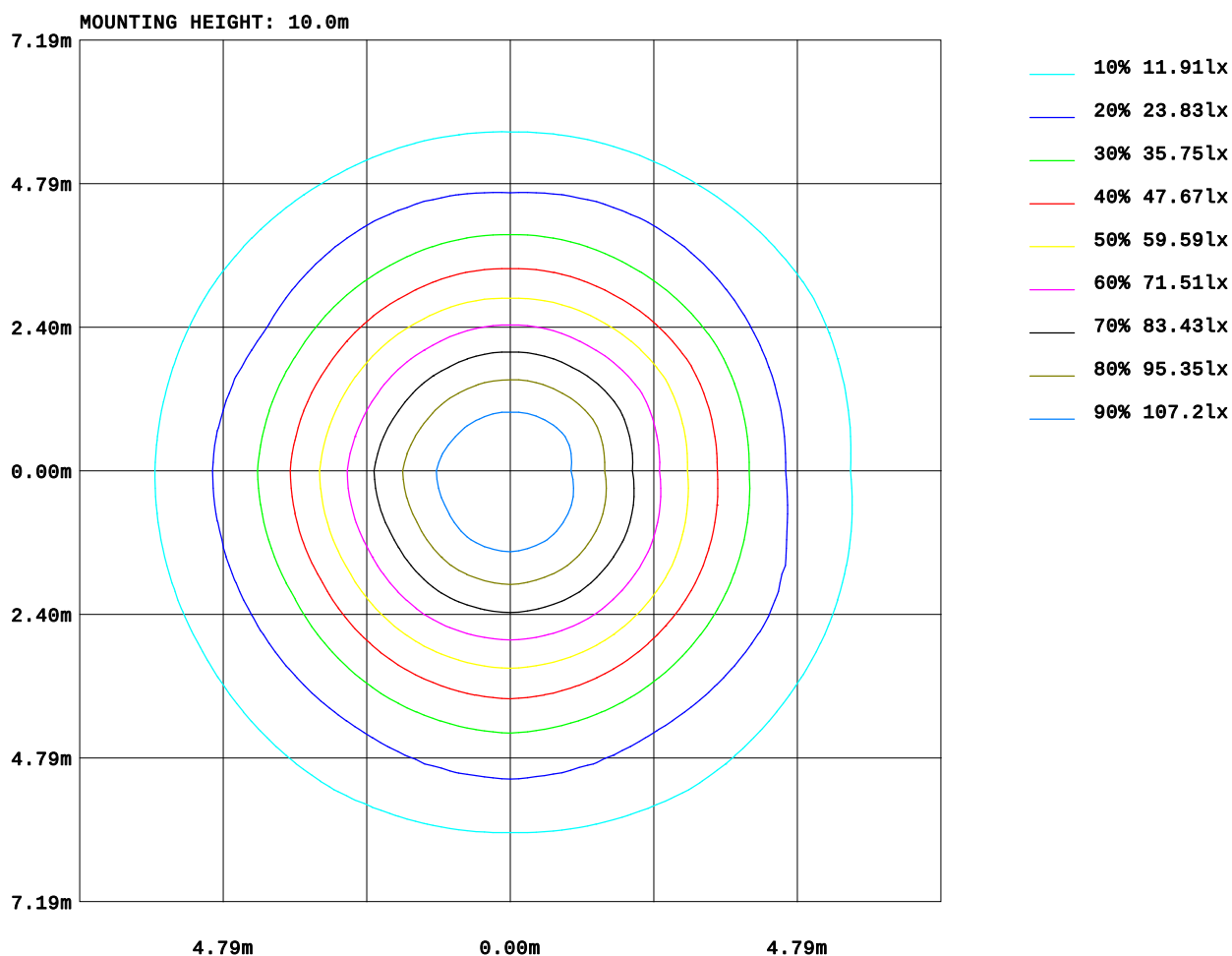
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Remarks:

DIKER GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: BL-D1801848	TYPE:LED Projector Light	WEIGHT:
SPECIFICATION:BL-D180-50W-40D	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:2023年04月26日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.060 m
Remarks:

DIKER GONIOPHOTOMETERS SYSTEM TEST REPORT

AREA LUMINOUS FLUX

Report number :

MANUFACTURER :	Address :		
NAME : BL-D1801848	TYPE:LED Projector Light	WEIGHT :	
SPECIFICATION:BL-D180-50W-40D	DIMENSION :	SERIAL No. :	

45	AREA FLUX DIAGRAM																		UNIT: lm			Φ t	Φ a
	0.54	0.69	0.92	1.18	1.46	1.86	2.32	2.66	2.83	2.83	2.66	2.34	1.91	1.53	1.23	0.95	0.71	0.56	29.2	29.2			
40	0.67	0.97	1.29	1.81	2.57	3.41	4.17	4.82	5.22	5.22	4.81	4.15	3.40	2.58	1.87	1.36	1.00	0.70	50.0	50.0			
35	0.90	1.25	1.96	3.03	4.29	5.63	7.30	8.75	9.51	9.49	8.71	7.27	5.62	4.26	3.03	2.00	1.32	0.92	85.3	85.3			
30	1.10	1.77	2.97	4.66	6.93	9.92	13.1	15.9	17.5	17.5	15.8	13.0	9.78	6.88	4.63	2.97	1.82	1.13	148	148			
25	1.38	2.47	4.23	7.04	11.1	16.1	22.7	27.8	30.6	30.6	27.7	22.6	16.0	10.9	6.96	4.21	2.45	1.38	247	247			
20	1.79	3.19	5.80	10.1	15.7	25.0	34.0	41.5	45.8	45.8	41.4	33.8	24.7	15.7	9.90	5.62	3.11	1.70	365	365			
15	2.19	3.92	7.54	12.8	22.0	34.3	46.6	56.4	62.1	62.1	56.4	46.3	33.9	21.2	12.3	7.06	3.69	2.02	494	494			
VERTICAL (DEG)	2.45	4.59	9.01	15.8	28.2	43.0	57.7	69.9	76.9	76.9	69.8	57.0	41.5	25.9	14.1	8.20	4.16	2.26	608	608			
	2.62	5.04	9.89	18.2	32.3	48.9	65.3	79.0	86.6	86.6	77.5	62.3	45.3	28.5	15.0	8.76	4.41	2.38	679	679			
	2.63	5.07	9.97	18.6	32.7	49.6	66.4	80.5	88.7	88.1	78.5	63.2	45.9	29.0	15.3	8.84	4.44	2.40	690	690			
	2.48	4.65	9.21	16.6	29.7	45.1	60.8	74.4	82.6	82.4	73.8	59.7	43.3	27.5	14.8	8.40	4.24	2.30	643	643			
	2.23	3.99	7.81	13.8	24.3	37.4	51.6	63.3	70.0	69.9	63.0	51.0	36.8	23.8	13.1	7.31	3.82	2.08	546	546			
	1.87	3.26	6.05	10.8	18.2	28.6	39.7	48.9	54.2	54.1	48.7	39.2	28.4	17.9	10.6	5.87	3.25	1.76	422	422			
	1.45	2.55	4.43	7.73	12.6	19.5	27.4	34.0	38.0	37.9	33.7	27.1	19.3	12.6	7.67	4.50	2.59	1.42	295	295			
	1.10	1.92	3.17	5.17	8.18	12.1	16.5	20.7	23.3	23.3	20.6	16.5	12.3	8.24	5.22	3.27	1.95	1.13	185	185			
	0.86	1.32	2.20	3.44	5.04	7.02	9.29	11.1	12.2	12.2	11.2	9.45	7.12	5.09	3.52	2.26	1.37	0.90	106	106			
	0.65	0.99	1.40	2.12	3.15	4.21	5.17	6.05	6.62	6.62	6.07	5.19	4.25	3.20	2.20	1.46	1.02	0.68	61.1	61.1			
-45	0.53	0.71	1.01	1.33	1.71	2.29	2.89	3.28	3.47	3.48	3.30	2.93	2.38	1.80	1.38	1.04	0.73	0.53	34.8	34.8			
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)					10	15	20	25	30	35	40	45		
Φ t	27.4	48.4	88.9	155	261	395	534	650	717	716	644	524	382	247	143	84.1	46.1	26.2	5973				
Φ a	27.4	48.4	88.9	155	261	395	534	650	717	716	644	524	382	247	143	84.1	46.1	26.2		5973			

Test System:HOP00 HPG1600
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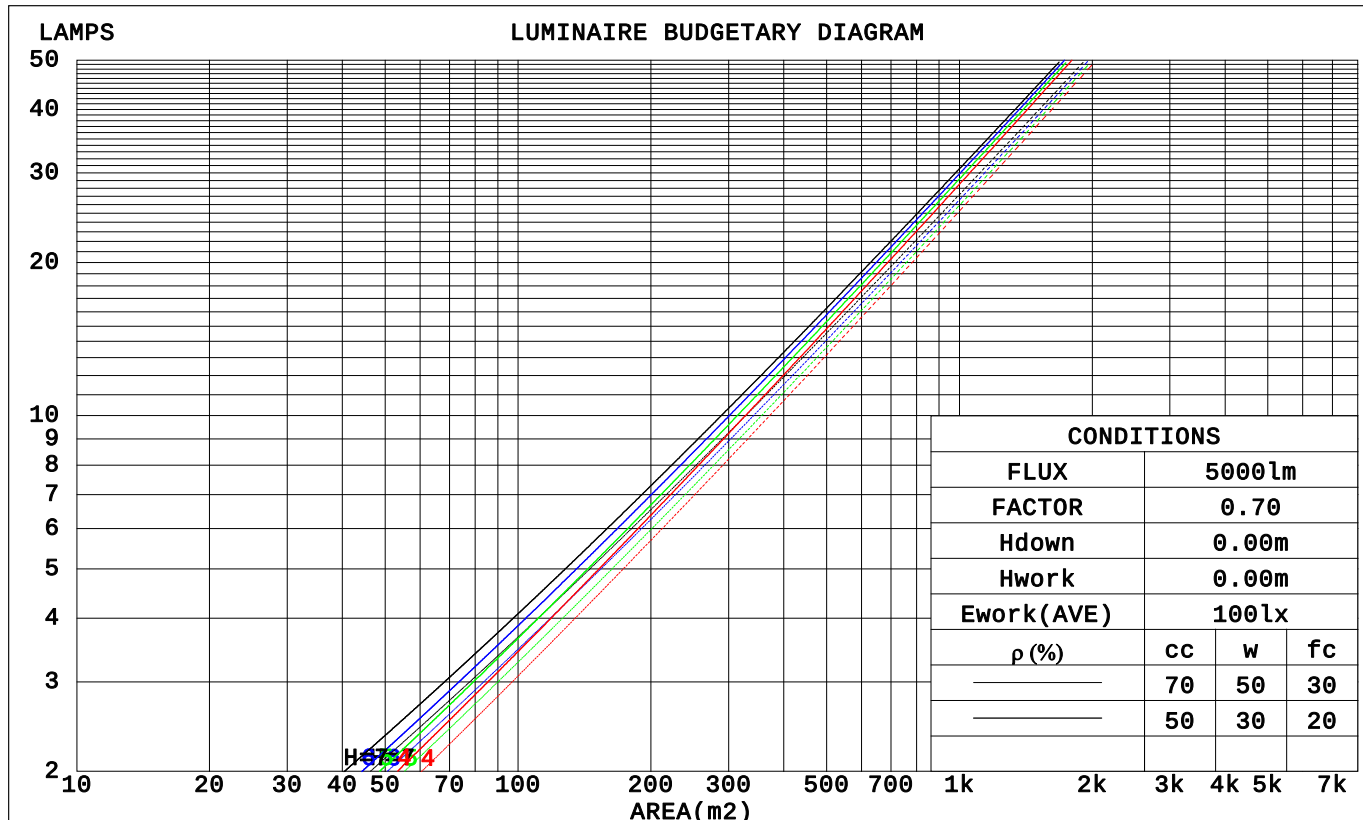
DIKER GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number :

MANUFACTURER :	Address :
NAME : BL-D1801848	TYPE:LED Projector Light WEIGHT :
SPECIFICATION:BL-D180-50W-40D	DIMENSION : SERIAL No. :

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	1.11	1.08	1.06	1.09	1.06	1.04	1.05	1.03	1.01	1.01	.99	.98	.97	.96	.95	.94
2.0	1.04	.99	.96	1.02	.98	.95	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88
3.0	.97	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.85	.89	.86	.84	.82
4.0	.92	.86	.82	.91	.86	.82	.88	.84	.81	.86	.83	.80	.85	.82	.79	.78
5.0	.87	.81	.77	.86	.81	.77	.84	.80	.76	.82	.79	.76	.81	.78	.75	.73
6.0	.82	.77	.73	.81	.76	.72	.80	.75	.72	.79	.74	.71	.77	.74	.71	.70
7.0	.78	.73	.69	.77	.72	.68	.76	.72	.68	.75	.71	.68	.74	.70	.67	.66
8.0	.74	.69	.65	.74	.69	.65	.73	.68	.65	.72	.68	.64	.71	.67	.64	.63
9.0	.71	.66	.62	.70	.65	.62	.70	.65	.62	.69	.64	.61	.68	.64	.61	.60
10.0	.68	.63	.59	.67	.62	.59	.67	.62	.59	.66	.62	.59	.65	.61	.59	.57



Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:2023年04月26日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.060 m
 Remarks:

DIKER GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Report number :

MANUFACTURER :	Address :				
NAME : BL-D1801848	TYPE:LED Projector Light			WEIGHT :	
SPECIFICATION:BL-D180-50W-40D	DIMENSION :			SERIAL No. :	

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	.177	.100	.032	.170	.097	.031	.157	.090	.029	.146	.084	.027	.135	.078	.025		
2.0	.166	.091	.028	.160	.088	.027	.149	.083	.026	.140	.078	.025	.131	.074	.023		
3.0	.155	.083	.025	.151	.081	.024	.142	.077	.023	.133	.073	.022	.126	.070	.022		
4.0	.146	.076	.022	.142	.074	.022	.135	.071	.021	.127	.068	.021	.121	.066	.020		
5.0	.138	.070	.020	.135	.069	.020	.128	.067	.020	.122	.064	.019	.116	.062	.019		
6.0	.131	.066	.019	.128	.065	.019	.122	.063	.018	.117	.061	.018	.112	.059	.017		
7.0	.125	.062	.017	.122	.061	.017	.117	.059	.017	.112	.057	.017	.107	.056	.016		
8.0	.119	.058	.016	.116	.057	.016	.112	.056	.016	.108	.054	.016	.103	.053	.015		
9.0	.113	.055	.015	.111	.054	.015	.107	.053	.015	.103	.052	.015	.100	.051	.015		
10.0	.109	.052	.014	.107	.052	.014	.103	.050	.014	.100	.049	.014	.096	.048	.014		

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	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.078	.084	.068	.055	.048	.040	.032	.016	.013	.011	
4.0	.131	.099	.074	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.037	.042	.031	.022	.013	.010	.007	
6.0	.114	.077	.051	.098	.067	.044	.068	.047	.031	.039	.028	.019	.013	.009	.006	
7.0	.107	.070	.043	.092	.060	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.101	.063	.037	.087	.055	.032	.060	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.096	.058	.032	.083	.050	.028	.057	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.091	.054	.028	.079	.046	.025	.055	.033	.018	.032	.019	.011	.010	.006	.003	

Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:2023年04月26日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.060 m
 Remarks:

DIKER GONIOPHOTOMETERS SYSTEM TEST REPORT

Uncorrected UGR Table

Report number:

MANUFACTURER:						Address:					
NAME: BL-D1801848						TYPE:LED Projector Light			WEIGHT:		
SPECIFICATION:BL-D180-50W-40D						DIMENSION:			SERIAL No.:		
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	22.3	23.2	22.5	23.3	23.5	22.7	23.6	22.9	23.7	23.9	
	3H	22.9	23.7	23.1	23.9	24.1	23.1	23.9	23.4	24.1	24.3
	4H	23.4	24.1	23.6	24.4	24.6	23.5	24.3	23.8	24.5	24.7
	6H	23.8	24.6	24.1	24.8	25.1	23.9	24.6	24.2	24.9	25.1
	8H	24.0	24.7	24.4	25.0	25.3	24.1	24.8	24.4	25.0	25.3
	12H	24.2	24.9	24.5	25.1	25.4	24.2	24.9	24.5	25.2	25.4
4H	2H	22.3	23.1	22.6	23.3	23.5	22.7	23.5	23.0	23.7	23.9
	3H	23.2	23.8	23.5	24.1	24.4	23.4	24.1	23.7	24.3	24.6
	4H	23.8	24.5	24.2	24.8	25.1	24.0	24.6	24.3	24.9	25.2
	6H	24.5	25.1	24.9	25.4	25.7	24.6	25.1	24.9	25.4	25.8
	8H	24.8	25.3	25.2	25.7	26.0	24.8	25.4	25.2	25.7	26.1
	12H	25.0	25.5	25.4	25.9	26.3	25.1	25.5	25.5	25.9	26.3
8H	4H	24.1	24.6	24.5	24.9	25.3	24.2	24.7	24.6	25.0	25.4
	6H	24.9	25.3	25.4	25.7	26.2	25.0	25.4	25.4	25.8	26.2
	8H	25.3	25.7	25.8	26.1	26.5	25.4	25.8	25.9	26.2	26.6
	12H	25.6	26.0	26.1	26.4	26.9	25.8	26.1	26.2	26.5	27.0
12H	4H	24.1	24.6	24.5	24.9	25.3	24.2	24.7	24.6	25.0	25.4
	6H	25.0	25.4	25.5	25.8	26.2	25.1	25.5	25.5	25.9	26.3
	8H	25.4	25.8	25.9	26.2	26.7	25.5	25.9	26.0	26.3	26.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.8 / - 0.9					+ 1.0 / - 1.1					
1.5H	+ 1.5 / - 0.8					+ 2.1 / - 1.1					
2.0H	+ 1.1 / - 0.4					+ 1.5 / - 0.6					

CIE Pub.117 Corrected 5973 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.2)

Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:2023年04月26日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.060 m
 Remarks:

DIKER GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:	Address:		
NAME: BL-D1801848	TYPE:LED Projector Light		WEIGHT:
SPECIFICATION:BL-D180-50W-40D	DIMENSION:		SERIAL No.:

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) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	87	84	92	87	83	79
1.00	98	92	89	97	92	88	96	92	88	84
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	96	104	99	96	101	98	95	90
2.00	108	103	100	106	102	99	104	100	98	92
2.50	110	106	102	108	104	101	105	102	100	94
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	112	110	109	109	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

Test System:HOP00 HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:2023年04月26日

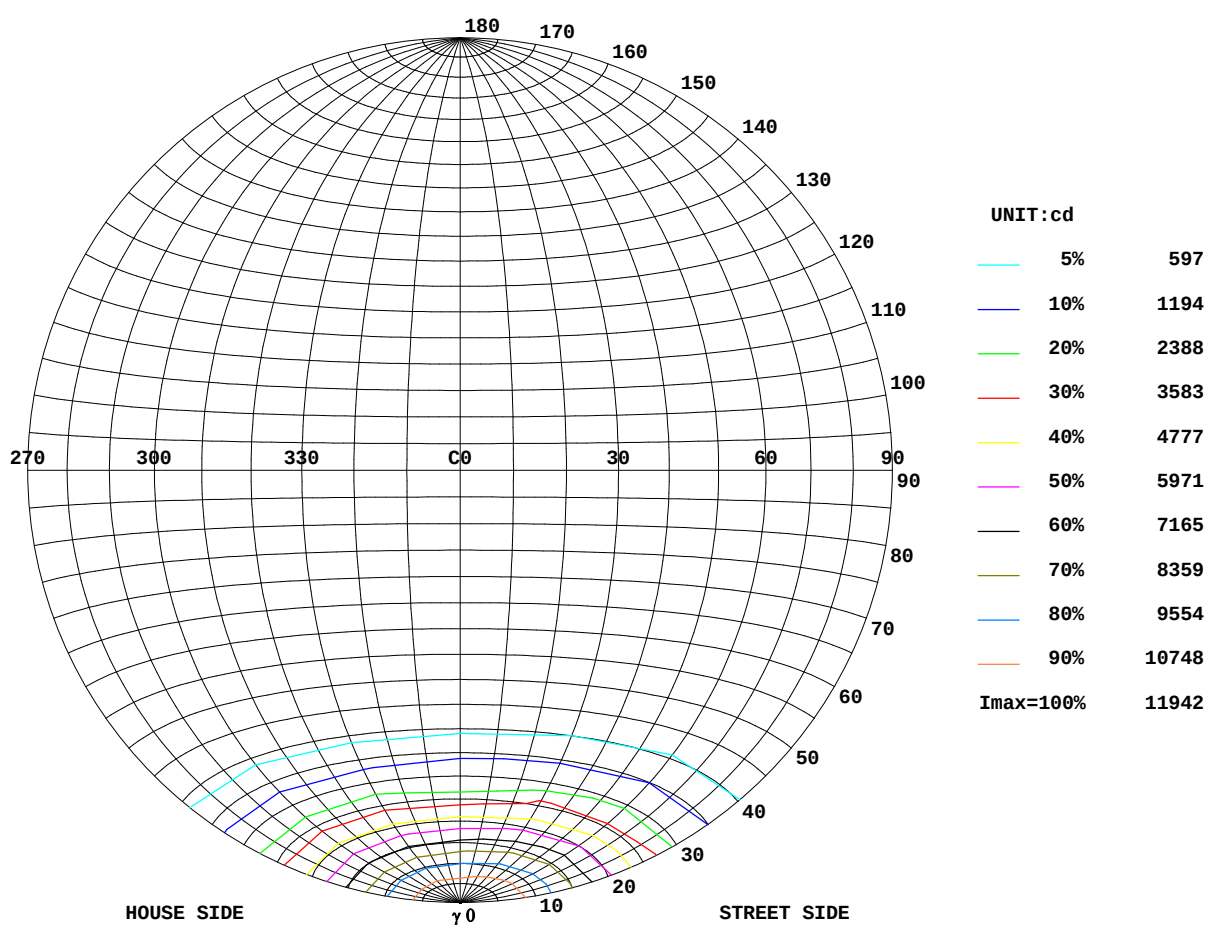
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.060 m
 Remarks:

DIKER GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: BL-D1801848	TYPE:LED Projector Light	WEIGHT:
SPECIFICATION:BL-D180-50W-40D	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:2023年04月26日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.060 m
Remarks:

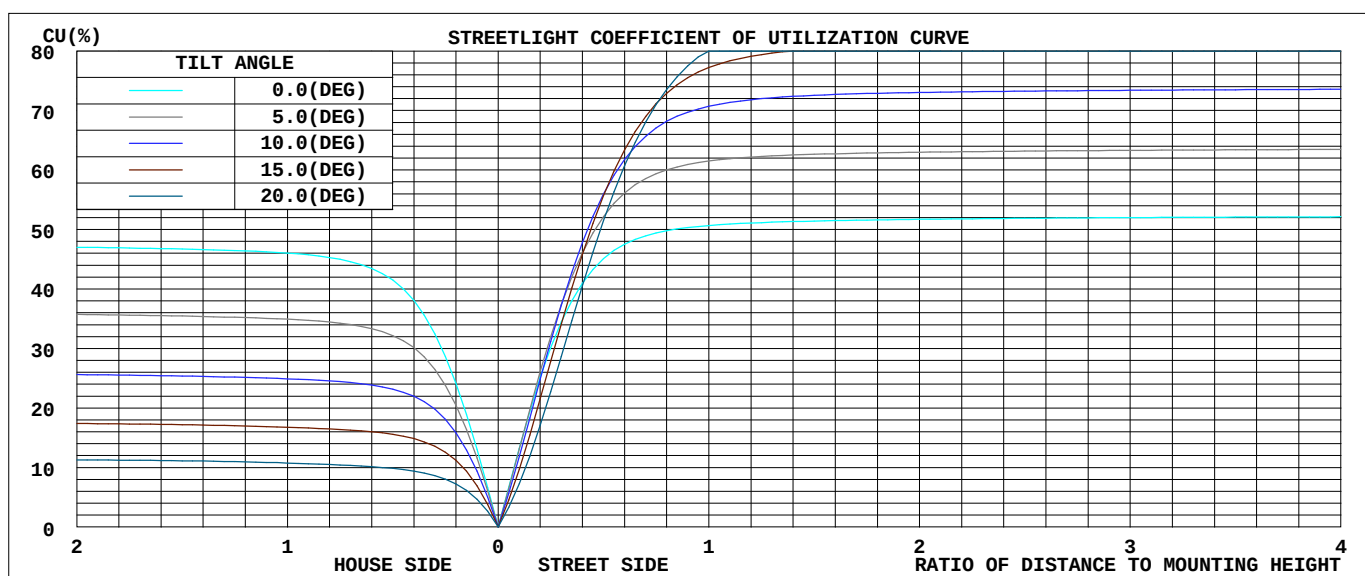
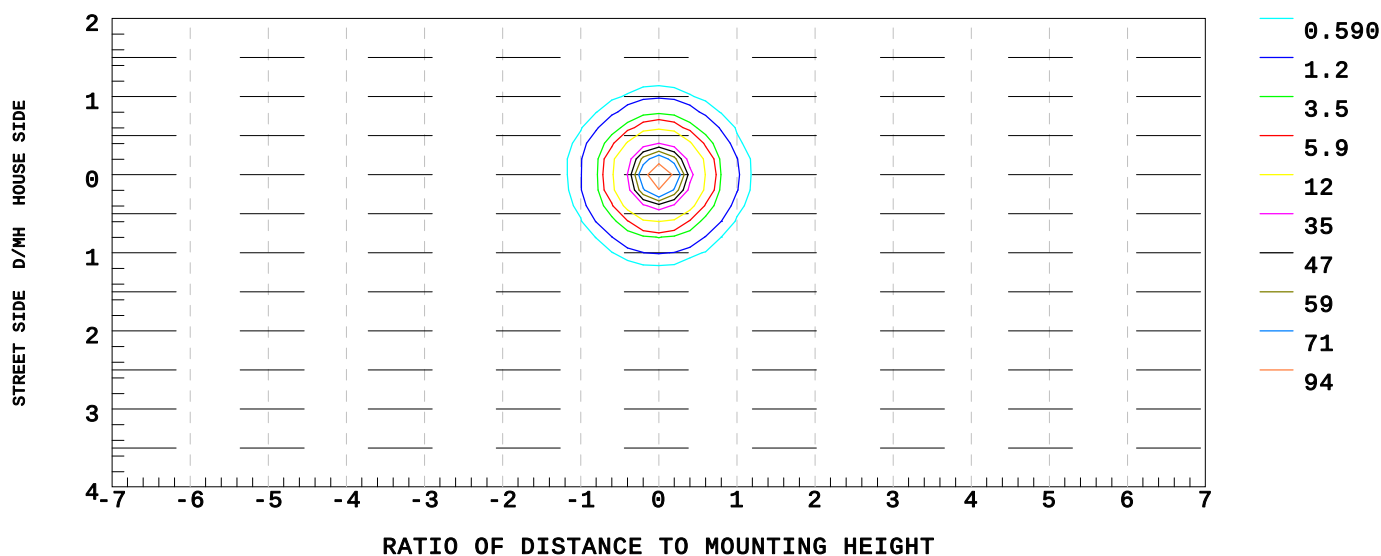
DIKER GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number :

MANUFACTURER :	Address :	
NAME : BL-D1801848	TYPE:LED Projector Light	WEIGHT :
SPECIFICATION:BL-D180-50W-40D	DIMENSION :	SERIAL No. :

ILLUMINANCE AT MH=10 m,Enadir = 118.07 lx



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:2023年04月26日

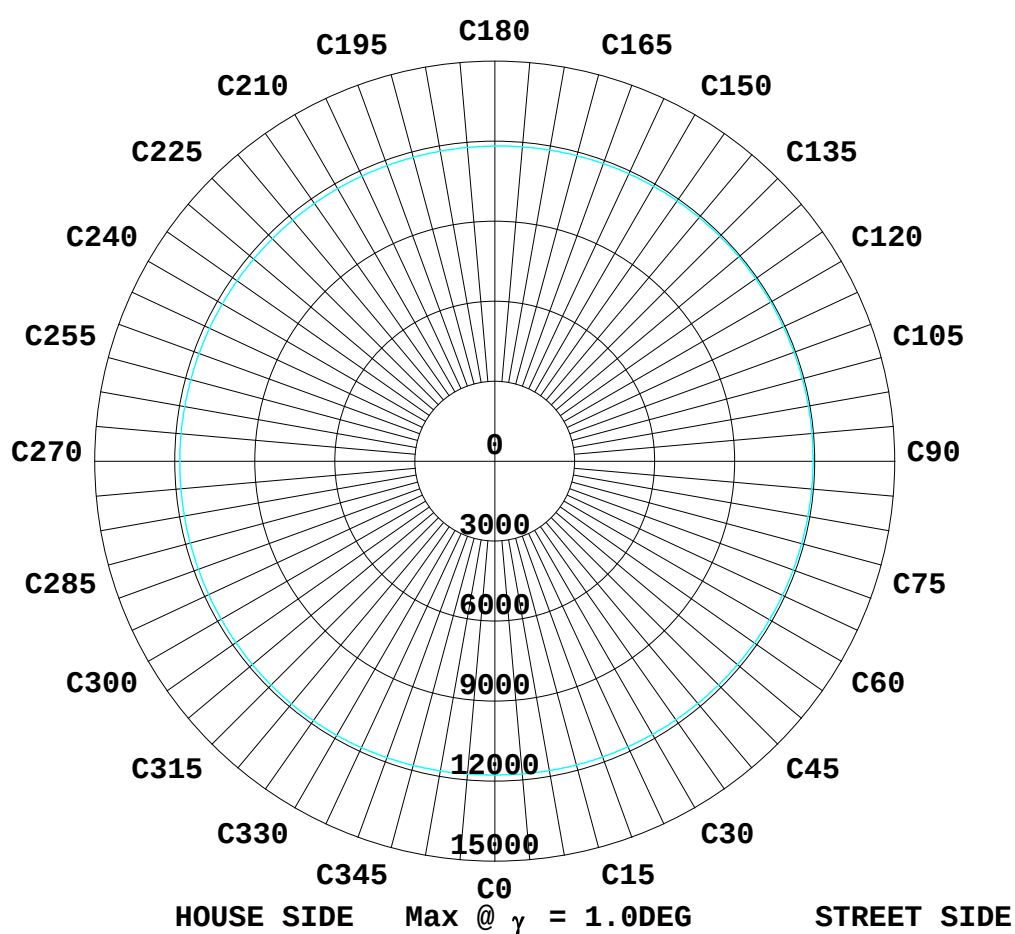
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.060 m
Remarks:

DIKER GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: BL-D1801848	TYPE:LED Projector Light	WEIGHT:
SPECIFICATION:BL-D180-50W-40D	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:2023年04月26日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.060 m
Remarks:

DIKER GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number :

MANUFACTURER :	Address :	
NAME : BL-D1801848	TYPE:LED Projector Light	WEIGHT :
SPECIFICATION:BL-D180-50W-40D	DIMENSION :	SERIAL No. :

UNIT: ×10cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1181	1184	1187	1189	1191	1190	1181	1184	1187	1189	1191	1190
5.0	1109	1136	1153	1163	1159	1147	1141	1124	1108	1107	1110	1126
10.0	952	988	1023	1030	1028	1001	1008	967	945	933	945	965
15.0	740	791	823	838	826	803	805	756	729	715	729	751
20.0	516	565	596	617	600	576	583	540	509	508	507	535
25.0	304	368	386	406	391	359	376	329	351	315	349	321
30.0	174	202	206	222	204	206	198	194	177	168	174	190
35.0	101	109	118	119	114	112	117	106	89.7	93.1	90.1	105
40.0	54.2	59.5	64.5	62.4	63.7	57.5	59.5	55.5	52.4	48.5	52.1	55.6
45.0	31.1	35.8	33.4	35.4	32.4	35.2	37.7	30.9	24.7	28.5	25.9	31.2
50.0	19.7	18.3	19.2	17.4	18.8	17.5	19.9	18.4	15.3	15.4	16.1	18.9
55.0	11.5	10.7	11.3	10.2	11.0	10.4	11.0	11.1	9.37	8.89	9.74	11.7
60.0	8.65	7.92	8.18	7.39	8.18	7.88	8.12	8.54	7.79	8.26	7.92	8.71
65.0	8.19	7.50	7.73	7.06	7.74	7.43	7.68	8.00	7.32	7.83	7.50	8.21
70.0	7.63	6.97	7.20	6.60	7.20	6.87	7.19	7.41	6.73	7.21	6.93	7.65
75.0	6.34	5.92	6.18	5.65	6.16	5.84	6.16	6.30	5.49	5.95	5.64	6.51
80.0	4.39	4.16	4.55	4.09	4.52	4.12	4.43	4.51	3.71	4.13	3.80	4.63
85.0	2.25	2.12	2.66	2.26	2.64	2.11	2.45	2.38	1.72	2.03	1.77	2.43
90.0	0.28	0.09	0.48	0.32	0.47	0.09	0.35	0.28	0.08	0.27	0.08	0.28

Test System:HOP00 HPG1600
Temperature:25.3DEG
Operators:
Test Date:2023年04月26日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.060 m
Remarks: