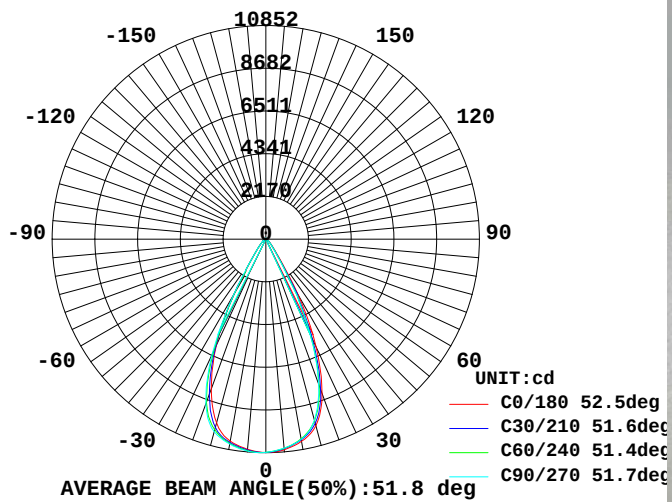


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: NOVA 240x292x46 50W 5000K G1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4949	DIMENSION: 240x292x46	SERIAL No.:

MODEL:		Imax(cd):	10852	Effective Flux(lm):	7972.8
NOMINAL POWER(W):	50	MAXIMUM(C, γ):	90, 2.0	EEI	0.083
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.1
NOMINAL FLUX(lm):	7972.8	η street_up(%):	0.6	Current(A)	0.229
TEST FLUX(lm):	7972.8	η street_down(%):	50.7	Power(W)	48.61
LAMPS QUANTITY:	1	η house_up(%)	0.7	Power Factor	0.961
TOTAL RADIANT(mw):	7972.8	η house_down(%)	48.0	EEFICIENCY(lm/W)	164.0



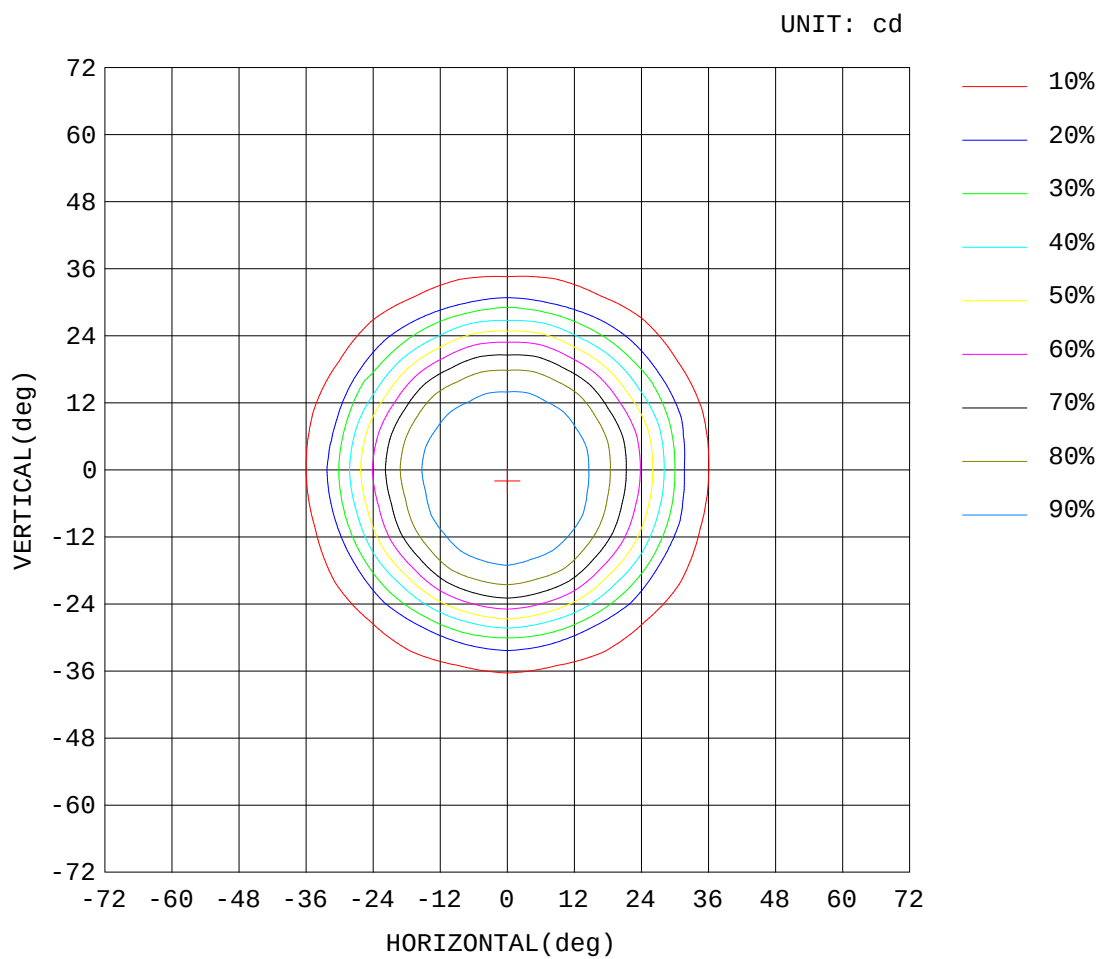
Temperature: 25.3'C
Operators:
Test Date: 24-08-2020

Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 73Ra 0.4 Flickering

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: NOVA 240x292x46 50W 5000K G1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4949	DIMENSION: 240x292x46	SERIAL No.:



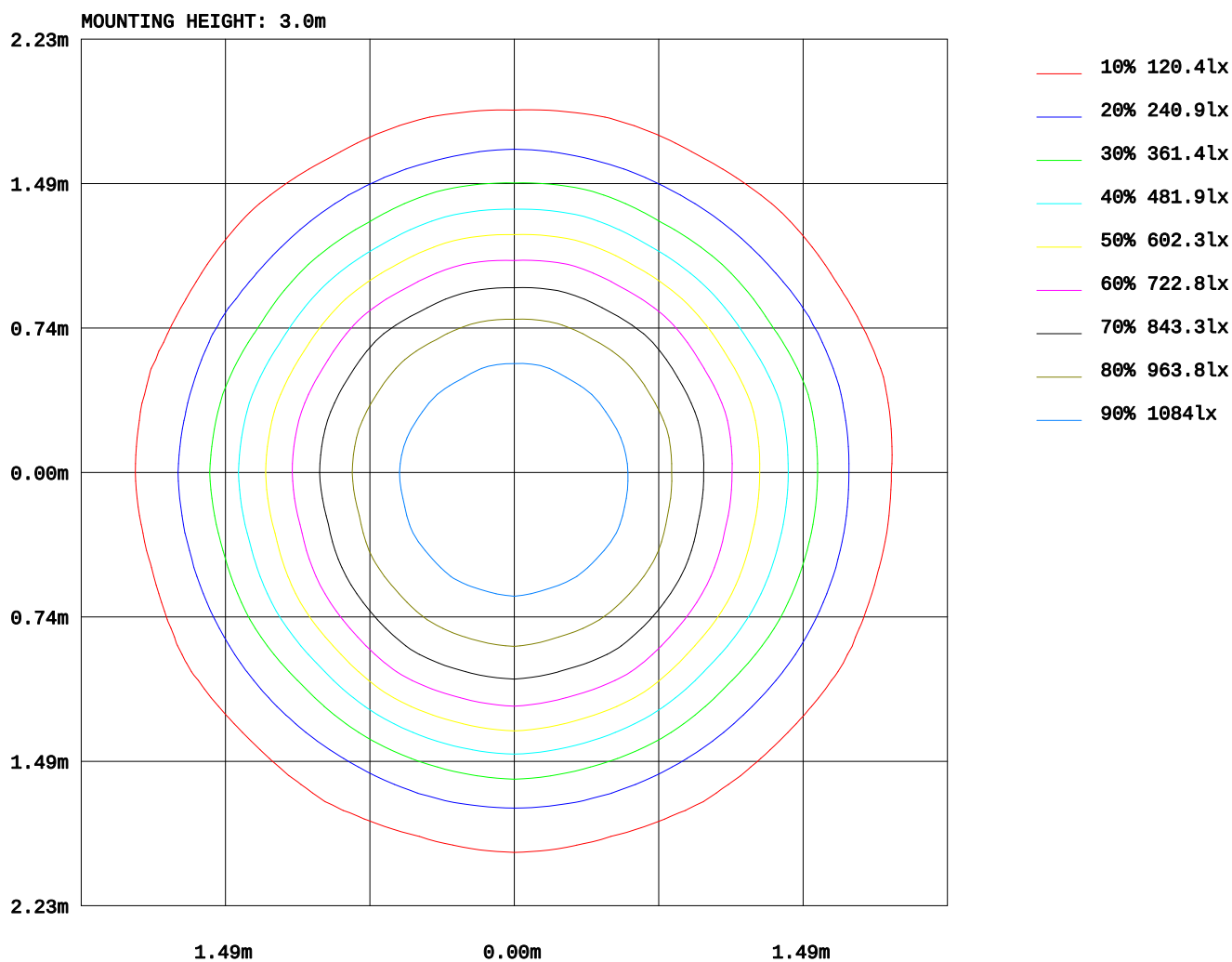
Temperature:25.3'C
Operators:
Test Date:24-08-2020

Humidity:65.0%
Test Distance:10.000 m
Remarks: 73Ra 0.4Flickering

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: NOVA 240x292x46 50W 5000K G1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4949	DIMENSION: 240x292x46	SERIAL No.:



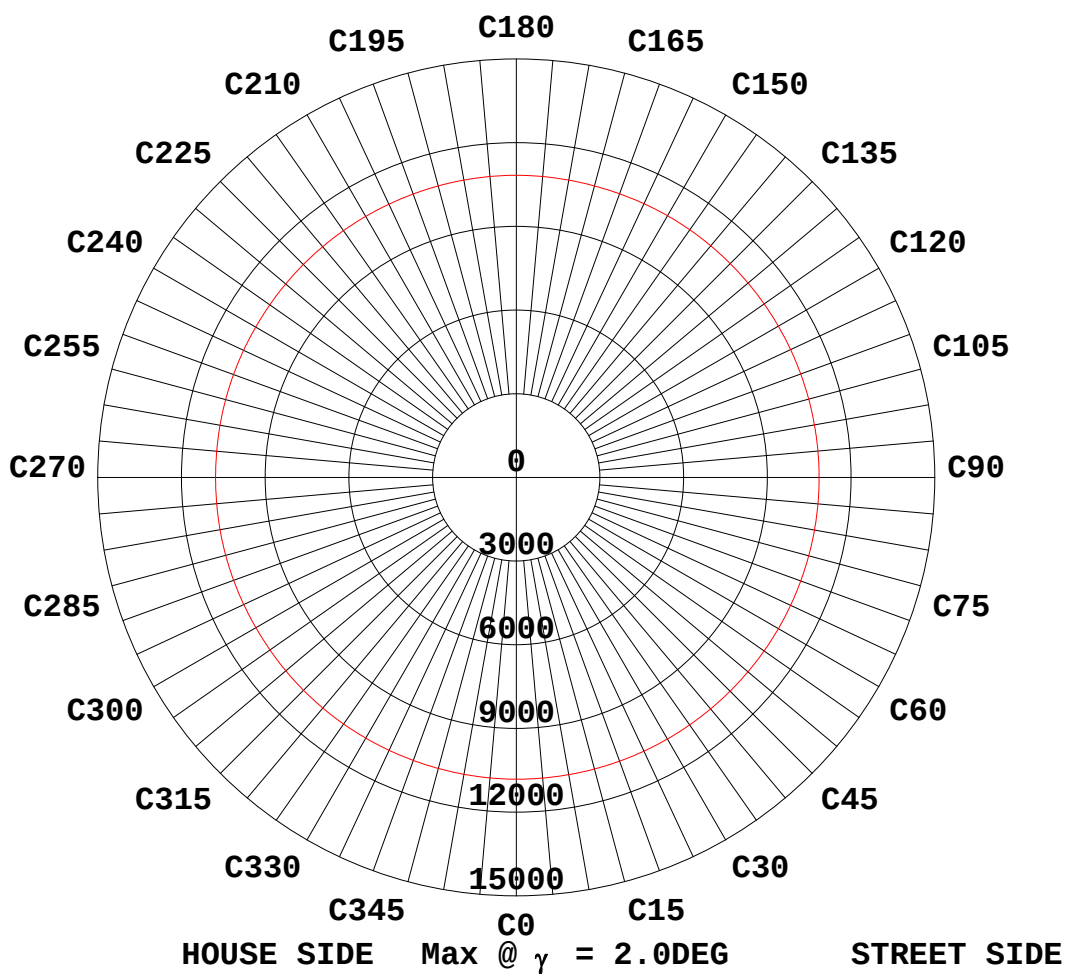
Temperature: 25.3°C
 Operators:
 Test Date: 24-08-2020

Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 73Ra 0.4 Flickering

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: NOVA 240x292x46 50W 5000K G1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4949	DIMENSION: 240x292x46	SERIAL No.:



Temperature: 25.3'C
 Operators:
 Test Date: 24-08-2020

Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 73Ra 0.4Flickering

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: NOVA 240x292x46 50W 5000K G1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4949	DIMENSION: 240x292x46	SERIAL No.:

UNIT: $\text{lm}/\text{m}^2/\text{deg}$

γ (deg) \ C(deg)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	1084	1084	1084	1083	1083	1083	1083	1083	1083	1083	1083	1083	1084	1084	1084
5.0	1072	1072	1075	1075	1079	1079	1081	1080	1081	1078	1077	1073	1074	1072	1069
10.0	1042	1045	1049	1050	1054	1054	1057	1055	1055	1050	1049	1044	1043	1041	1035
15.0	967	973	990	997	1002	1004	1013	1008	1005	996	992	979	983	979	970
20.0	813	814	840	854	882	876	892	882	886	859	848	824	835	834	815
25.0	595	596	604	603	626	633	647	636	626	603	607	595	605	597	558
30.0	325	332	328	326	322	332	329	332	317	327	321	328	334	319	323
35.0	129	124	136	126	136	125	134	124	134	124	133	121	127	129	113
40.0	66.5	64.0	68.5	64.5	68.8	64.6	68.8	64.4	68.1	63.9	67.7	62.8	63.9	65.6	57.9
45.0	40.9	38.7	41.7	38.6	41.6	38.5	41.5	38.3	41.2	38.2	41.2	38.0	39.1	40.2	35.8
50.0	27.8	24.7	27.9	24.4	27.5	24.0	27.3	23.8	27.2	24.0	27.5	24.2	24.9	27.2	23.2
55.0	20.5	18.0	20.3	17.4	19.8	16.7	19.5	16.6	19.6	17.1	20.0	17.5	18.0	20.1	16.9
60.0	16.3	13.9	15.7	13.2	14.8	11.9	14.0	11.8	14.6	12.9	15.3	13.5	14.0	15.7	13.2
65.0	13.2	11.1	12.6	10.1	10.8	8.28	9.98	8.21	10.7	9.86	12.2	10.6	11.1	12.6	10.5
70.0	10.5	8.87	10.1	7.34	8.03	5.86	6.90	5.82	7.88	7.08	9.75	8.41	8.53	10.1	8.40
75.0	7.16	6.58	7.54	5.15	5.55	3.70	4.67	3.67	5.36	4.83	7.15	5.95	5.35	7.74	5.92
80.0	4.90	4.35	5.01	2.92	3.85	2.62	3.53	2.59	3.72	2.76	4.78	3.82	3.51	5.49	3.71
85.0	3.21	2.33	2.94	1.87	2.77	1.89	2.91	1.84	2.66	1.77	2.84	1.97	2.06	3.24	2.00
90.0	1.80	1.16	2.03	1.45	2.07	1.60	2.34	1.64	2.13	1.43	2.34	1.33	1.09	2.29	1.56
95.0	1.31	0.50	1.48	0.91	1.65	0.93	1.47	0.86	1.52	0.88	1.15	0.40	0.71	1.05	0.50
100.0	0.77	0.34	0.77	0.33	1.03	0.61	1.36	0.57	0.94	0.33	0.76	0.34	0.35	0.76	0.34
105.0	0.73	0.37	0.72	0.36	0.71	0.35	0.71	0.36	0.71	0.37	0.72	0.38	0.39	0.72	0.37
110.0	0.72	0.42	0.70	0.41	0.69	0.40	0.69	0.41	0.70	0.42	0.71	0.43	0.45	0.71	0.43
115.0	0.74	0.51	0.72	0.49	0.71	0.48	0.71	0.48	0.71	0.50	0.73	0.52	0.54	0.74	0.52
120.0	0.86	0.68	0.82	0.65	0.79	0.63	0.79	0.64	0.80	0.66	0.83	0.70	0.72	0.86	0.71
125.0	1.08	0.98	1.03	0.93	0.99	0.91	0.99	0.92	1.01	0.95	1.05	1.00	1.04	1.09	1.03
130.0	1.45	1.39	1.39	1.33	1.34	1.31	1.33	1.31	1.35	1.36	1.40	1.41	1.46	1.47	1.48
135.0	1.91	1.91	1.86	1.86	1.80	1.81	1.79	1.82	1.82	1.88	1.87	1.93	2.00	1.97	2.04
140.0	2.44	2.48	2.39	2.45	2.33	2.38	2.30	2.39	2.35	2.46	2.40	2.50	2.60	2.51	2.64
145.0	3.02	3.05	2.94	3.00	2.89	2.96	2.87	2.96	2.90	3.01	2.95	3.07	3.20	3.10	3.22
150.0	3.58	3.60	3.46	3.51	3.42	3.54	3.45	3.53	3.43	3.52	3.48	3.64	3.78	3.68	3.76
155.0	4.06	4.08	3.92	3.99	3.91	4.05	3.95	4.03	3.90	4.01	3.97	4.15	4.29	4.19	4.26
160.0	4.48	4.50	4.34	4.41	4.37	4.51	4.39	4.45	4.34	4.45	4.44	4.61	4.72	4.66	4.70
165.0	4.89	4.89	4.74	4.81	4.78	4.96	4.81	4.86	4.74	4.87	4.86	5.06	5.13	5.07	5.07
170.0	5.32	5.27	5.15	5.21	5.18	5.34	5.26	5.27	5.17	5.26	5.25	5.43	5.52	5.40	5.38
175.0	5.66	5.52	5.48	5.51	5.48	5.59	5.64	5.56	5.52	5.55	5.54	5.64	5.77	5.61	5.56
180.0	5.81	5.65	5.63	5.63	5.64	5.68	5.82	5.69	5.68	5.68	5.67	5.71	5.83	5.65	5.62

Temperature: 25.3°C
Operators:
Test Date: 24-08-2020

Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 73Ra 0.4 Flickering

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: NOVA 240x292x46 50W 5000K G1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4949	DIMENSION: 240x292x46	SERIAL No.:

UNIT: $\text{lm}/\text{m}^2/\text{cd}$

γ (deg) \ C(deg)	225	240	255	270	285	300	315	330	345
0.0	1083	1083	1083	1083	1083	1083	1083	1083	1083
5.0	1068	1067	1067	1066	1067	1067	1068	1067	1069
10.0	1036	1030	1035	1033	1036	1032	1036	1035	1040
15.0	967	957	957	953	959	958	965	965	971
20.0	816	793	797	784	800	794	811	806	822
25.0	554	534	546	533	549	535	556	564	601
30.0	278	261	265	255	268	266	288	325	332
35.0	116	103	108	99.9	110	107	121	119	135
40.0	59.8	53.7	57.1	52.7	57.8	54.9	61.6	59.9	67.6
45.0	37.0	33.4	35.5	32.8	35.8	34.0	37.9	36.9	41.3
50.0	25.3	21.7	24.3	21.4	24.5	22.1	25.9	23.8	28.0
55.0	19.0	15.9	18.2	15.6	18.3	16.1	19.4	17.4	20.5
60.0	14.8	12.2	13.9	11.6	14.0	12.5	15.2	13.7	16.2
65.0	11.8	9.00	10.2	8.46	10.3	9.32	12.2	11.0	13.2
70.0	9.01	6.67	7.78	5.75	7.91	6.96	9.53	8.91	10.7
75.0	6.55	4.35	5.15	3.72	5.28	4.66	7.00	6.50	8.32
80.0	4.08	2.88	3.72	2.71	3.77	3.03	4.43	4.12	6.00
85.0	2.71	1.91	2.74	2.38	2.79	2.02	2.82	2.26	3.71
90.0	2.01	1.44	2.14	1.69	2.08	1.36	1.98	1.41	2.16
95.0	1.37	0.87	1.45	0.88	1.38	0.86	1.42	0.70	1.17
100.0	0.76	0.42	1.05	0.65	1.00	0.45	0.82	0.34	0.78
105.0	0.71	0.37	0.70	0.36	0.70	0.36	0.71	0.37	0.73
110.0	0.69	0.42	0.69	0.42	0.69	0.42	0.70	0.42	0.72
115.0	0.73	0.52	0.73	0.52	0.73	0.52	0.73	0.51	0.74
120.0	0.85	0.71	0.85	0.72	0.85	0.71	0.85	0.70	0.85
125.0	1.10	1.05	1.11	1.06	1.11	1.05	1.10	1.02	1.09
130.0	1.50	1.51	1.52	1.52	1.51	1.50	1.50	1.48	1.47
135.0	2.02	2.08	2.03	2.08	2.03	2.08	2.02	2.04	1.96
140.0	2.60	2.68	2.59	2.69	2.58	2.69	2.60	2.64	2.51
145.0	3.17	3.26	3.18	3.29	3.18	3.26	3.17	3.22	3.10
150.0	3.68	3.79	3.74	3.87	3.75	3.80	3.68	3.75	3.68
155.0	4.14	4.26	4.22	4.36	4.25	4.29	4.15	4.24	4.17
160.0	4.58	4.65	4.62	4.77	4.70	4.71	4.58	4.65	4.60
165.0	4.96	5.02	4.99	5.17	5.10	5.09	4.97	5.04	4.98
170.0	5.28	5.36	5.32	5.54	5.44	5.42	5.32	5.38	5.33
175.0	5.54	5.58	5.59	5.78	5.65	5.62	5.60	5.61	5.59
180.0	5.64	5.64	5.68	5.82	5.70	5.68	5.69	5.67	5.71

Temperature: 25.3°C
 Operators:
 Test Date: 24-08-2020

Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 73Ra 0.4 Flickering