

LEDWISE TECHNOLOGY LIMITED TEST REPORT

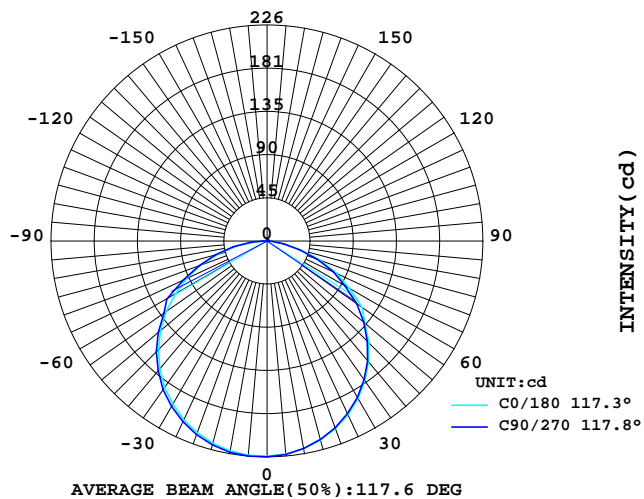
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

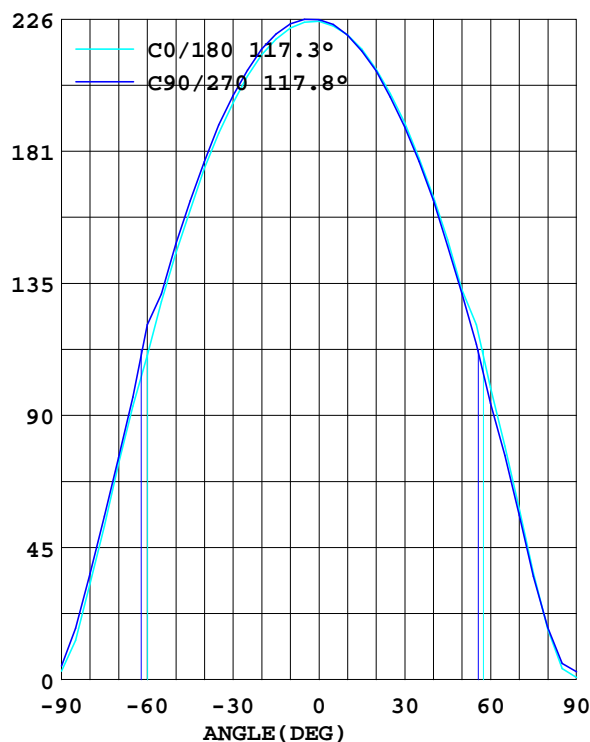
MANUFACTURER: LEDWISE	Address:	
NAME: LTR-P-24V-4.5W-27K-16	TYPE: 软光条	WEIGHT:
SPECIFICATION: 2700K	DIMENSION: 10MM*0.6M	SERIAL No.: 1

DATA OF LAMP		I _{max} (cd)	226.1	S/MH(C0/180)	1.30
MODEL	2835	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.32
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	676.39	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	75.4	Current(A)	0.374
NOMINAL FLUX(lm)	676.4	η up(%)	1.2	Power(W)	8.976
LAMPS QUANTITY	1	η down(%)	98.8	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	659.4	EEI	0.163

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOP00 HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2019年11月15日

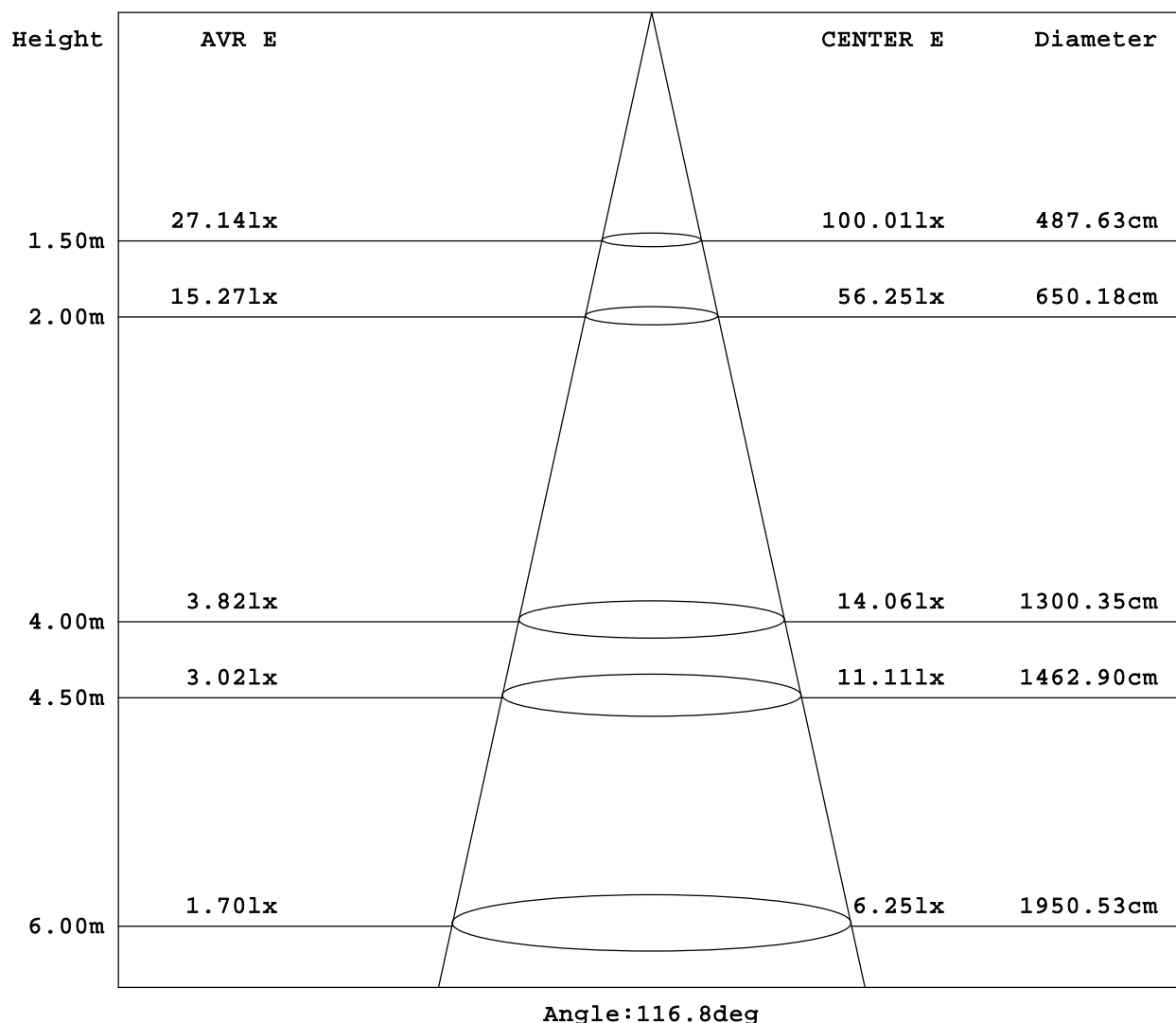
Test Set: 10.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 6.220 m
Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LEDWISE	Address:	
NAME: LTR-P-24V-4.5W-27K	TYPE: 软光条	WEIGHT:
SPECIFICATION: 2700K	DIMENSION: 10MM*0.6M	SERIAL No.: 1



Test System: HOP00 HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019年11月15日

Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.220 m
 Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LEDWISE	Address:	
NAME: LTR-P-24V-4.5W-27K	TYPE: 软光条	WEIGHT:
SPECIFICATION: 2700K	DIMENSION: 10MM*0.6M	SERIAL No.: 1

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
10.0	222.7	223.0	224.1	223.8	220.4	219.1	220.2	221.2	0- 10	21.34	21.34
20.0	213.5	214.6	215.4	214.7	208.6	206.6	208.0	209.4	10- 20	61.41	82.75
30.0	197.1	199.1	199.6	198.2	190.3	187.6	188.8	190.8	20- 30	93.82	176.5
40.0	174.7	177.1	176.9	175.4	164.9	161.9	163.7	165.9	30- 40	114.3	290.9
50.0	145.7	148.9	148.8	146.4	133.2	130.1	131.9	134.6	40- 50	120.0	411.0
60.0	110.8	115.1	121.2	111.8	99.81	92.25	94.43	98.86	50- 60	110.1	521.2
70.0	73.70	77.16	75.79	73.06	58.38	54.10	56.21	59.42	60- 70	84.69	605.9
80.0	32.73	36.94	36.21	32.71	17.21	16.81	17.79	21.08	70- 80	48.33	654.2
90.0	2.862	5.861	4.642	4.255	0.696	1.760	2.669	1.818	80- 90	14.17	668.4
100.0	2.282	1.412	0.619	1.528	0.658	1.315	2.127	1.334	90-100	2.123	670.5
110.0	1.934	1.257	0.542	1.218	0.696	1.199	1.740	1.257	100-110	1.373	671.9
120.0	1.818	1.121	0.542	1.044	0.696	1.141	1.624	1.141	110-120	1.174	673.1
130.0	1.624	1.102	0.580	1.102	0.812	1.025	1.470	1.063	120-130	0.999	674.1
140.0	1.431	1.025	0.619	0.967	0.774	1.044	1.354	1.025	130-140	0.821	674.9
150.0	1.392	0.948	0.619	0.967	0.851	0.909	1.315	0.929	140-150	0.635	675.5
160.0	1.315	0.967	0.503	0.948	0.812	0.909	1.276	0.967	150-160	0.449	676.0
170.0	1.238	0.929	0.542	0.870	0.890	0.909	1.121	0.870	160-170	0.264	676.3
180.0	1.083	0.909	0.696	0.851	0.967	0.948	1.044	0.890	170-180	0.087	676.3
DEG	LUMINOUS INTENSITY: cd									UNIT: lm	

Test System: HOP00 HPG1800
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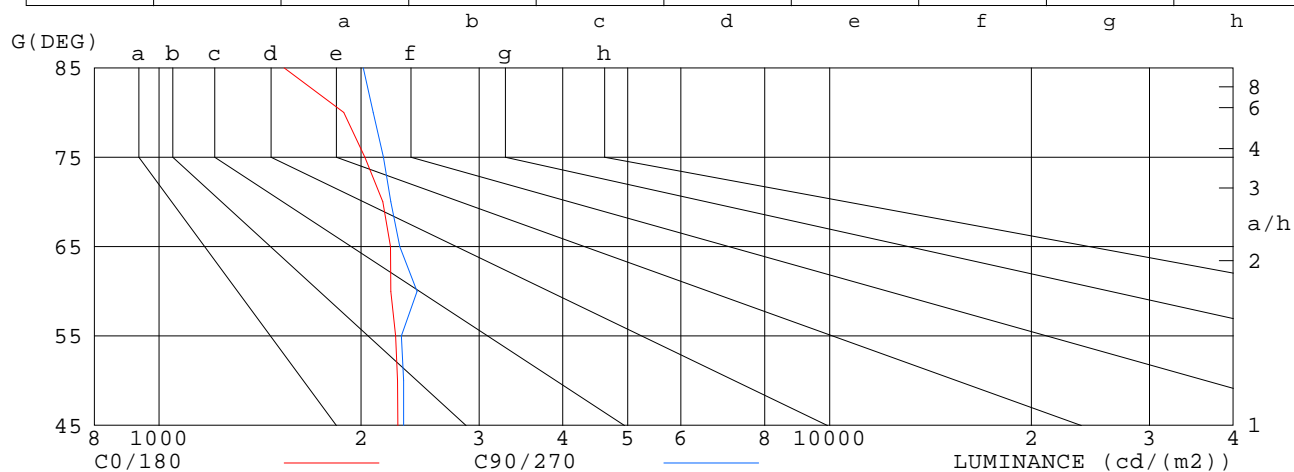
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: LEDWISE	Address:	
NAME: LTR-P-24V-4.5W-27K	TYPE:软光条	WEIGHT:
SPECIFICATION:2700K	DIMENSION: 10MM*0.6M	SERIAL No.:1

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m ²)		
G (DEG)	C0/180	C90/270
85	1536	2015
80	1885	2085
75	2027	2160
70	2155	2216
65	2213	2284
60	2216	2425
55	2252	2297
50	2267	2316
45	2270	2315

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2019年11月15日

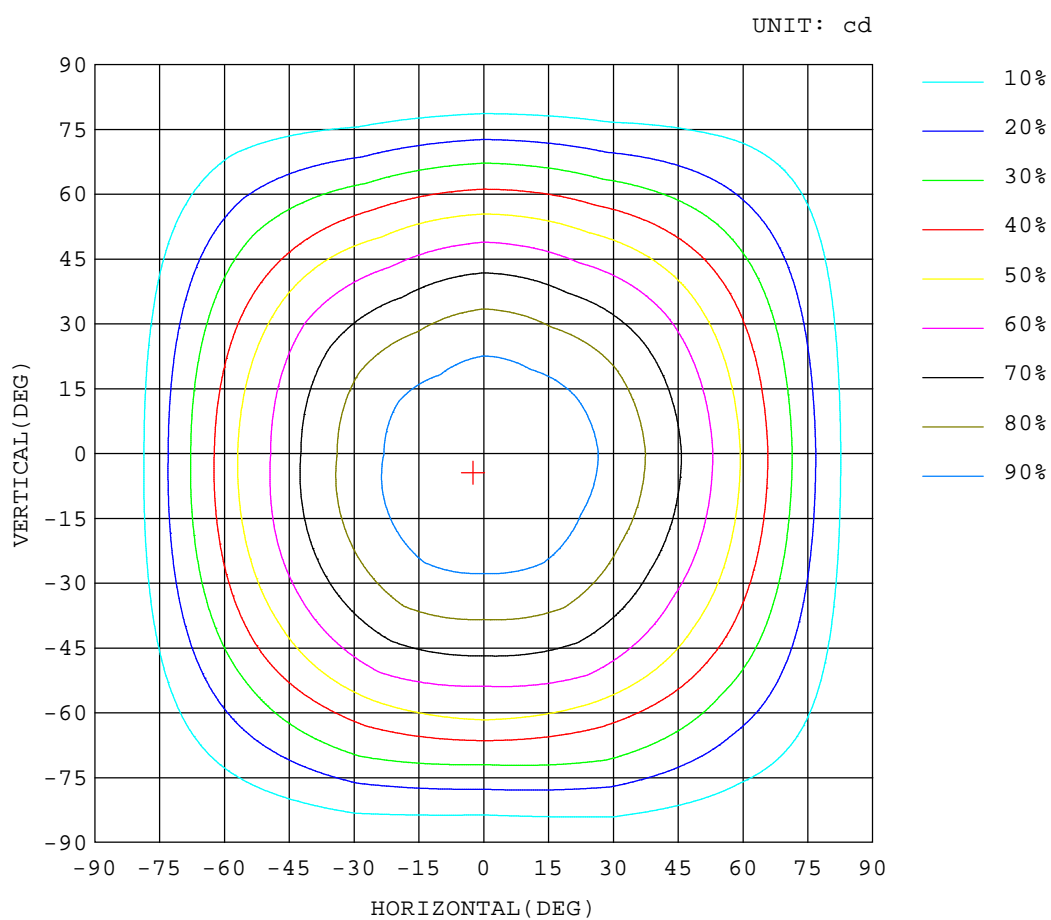
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.220 m
Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LEDWISE	Address:	
NAME: LTR-P-24V-4.5W-27K	TYPE: 软光条	WEIGHT:
SPECIFICATION: 2700K	DIMENSION: 10MM*0.6M	SERIAL No.: 1



Test System: HOP00 HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2019年11月15日

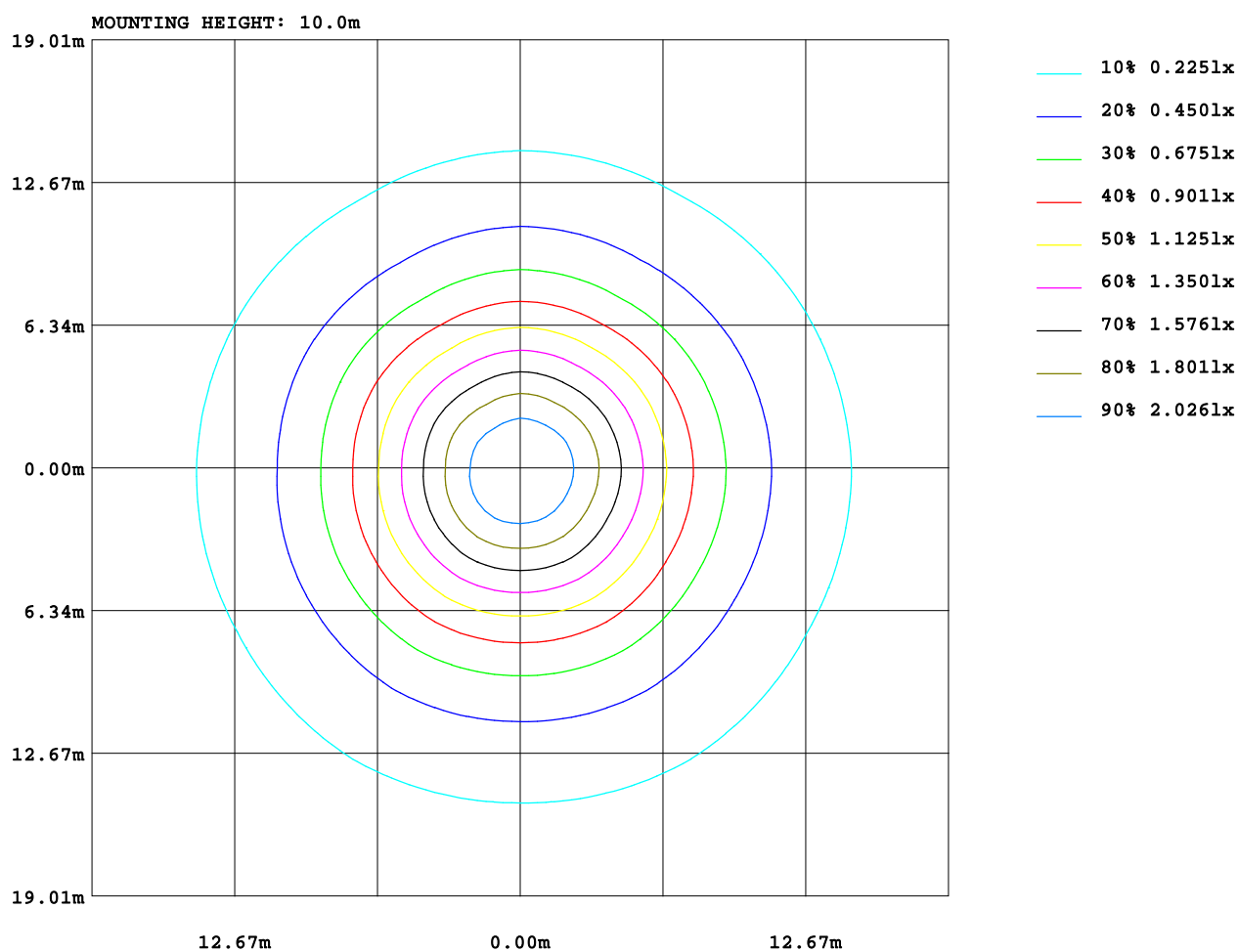
Test Set: 10.0deg/s C-Gamma (TYPE C)
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Test Distance: 6.220 m
Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER: LEDWISE	Address:	
NAME: LTR-P-24V-4.5W-27K	TYPE: 软光条	WEIGHT:
SPECIFICATION: 2700K	DIMENSION: 10MM*0.6M	SERIAL No.: 1



Test System: HOP00 HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2019年11月15日

Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 6.220 m
Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: LEDWISE	Address:	
NAME: LTR-P-24V-4.5W-27K	TYPE: 软光条	WEIGHT:
SPECIFICATION: 2700K	DIMENSION: 10MM*0.6M	SERIAL No.: 1

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm				Φ t	Φ a
	0.00	0.02	0.05	0.08	0.10	0.10	0.13	0.18	0.22	0.23	0.20	0.16	0.14	0.13	0.11	0.08	0.04	0.01	2.00	0.00				
90																								
80	0.01	0.04	0.13	0.27	0.42	0.57	0.74	0.93	1.06	1.07	0.98	0.82	0.66	0.51	0.35	0.20	0.08	0.02	8.86	6.43				
70	0.01	0.07	0.27	0.59	0.95	1.32	1.68	2.03	2.25	2.27	2.09	1.78	1.44	1.07	0.69	0.37	0.14	0.02	19.0	18.6				
60	0.01	0.12	0.44	0.96	1.53	2.10	2.64	3.11	3.39	3.42	3.17	2.74	2.24	1.66	1.07	0.56	0.20	0.03	29.4	29.2				
50	0.01	0.17	0.62	1.29	2.03	2.83	3.49	4.05	4.42	4.44	4.12	3.59	2.95	2.19	1.43	0.75	0.26	0.03	38.7	38.6				
40	0.02	0.22	0.77	1.56	2.52	3.45	4.24	4.86	5.28	5.30	4.93	4.35	3.56	2.65	1.72	0.91	0.32	0.04	46.7	46.6				
30	0.02	0.26	0.90	1.80	2.87	3.94	4.85	5.51	5.94	5.98	5.59	4.95	4.06	3.01	1.95	1.04	0.37	0.05	53.1	53.0				
	0.02	0.29	0.98	1.97	3.09	4.26	5.27	6.00	6.41	6.45	6.08	5.38	4.41	3.27	2.13	1.13	0.41	0.05	57.6	57.6				
	0.02	0.31	1.02	2.06	3.21	4.41	5.48	6.27	6.69	6.74	6.37	5.62	4.60	3.42	2.23	1.19	0.43	0.05	60.1	60.1				
	0.02	0.31	1.03	2.08	3.23	4.45	5.53	6.34	6.79	6.78	6.39	5.64	4.62	3.44	2.24	1.20	0.43	0.05	60.6	60.5				
	0.02	0.30	1.01	2.03	3.17	4.37	5.43	6.24	6.66	6.64	6.24	5.48	4.48	3.33	2.17	1.16	0.41	0.05	59.2	59.1				
-30	0.02	0.28	0.94	1.90	3.00	4.13	5.16	5.92	6.28	6.28	5.93	5.19	4.20	3.11	2.03	1.08	0.38	0.05	55.9	55.9				
-40	0.02	0.24	0.83	1.71	2.71	3.76	4.71	5.40	5.71	5.71	5.41	4.75	3.83	2.80	1.82	0.96	0.34	0.04	50.8	50.7				
-50	0.02	0.20	0.69	1.44	2.33	3.26	4.10	4.67	4.93	4.94	4.69	4.14	3.32	2.42	1.55	0.81	0.29	0.04	43.8	43.7				
-60	0.01	0.15	0.52	1.12	1.85	2.60	3.31	3.79	4.02	4.03	3.82	3.36	2.66	1.93	1.22	0.64	0.23	0.03	35.3	35.1				
-70	0.01	0.09	0.35	0.78	1.31	1.89	2.38	2.72	2.92	2.93	2.74	2.42	1.96	1.41	0.87	0.45	0.16	0.02	25.4	25.1				
-80	0.01	0.05	0.19	0.43	0.75	1.11	1.42	1.60	1.69	1.71	1.65	1.49	1.20	0.84	0.51	0.26	0.10	0.02	15.0	14.3				
-90	0.00	0.02	0.07	0.15	0.27	0.41	0.52	0.57	0.58	0.59	0.60	0.58	0.48	0.33	0.20	0.11	0.05	0.01	5.56	2.46				
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90				
Φ t	0.26	3.16	10.8	22.2	35.4	49.0	61.1	70.2	75.3	75.6	71.1	62.5	50.8	37.5	24.3	12.9	4.63	0.63	676					
Φ a	0.00	2.34	10.1	21.6	34.8	48.4	60.5	69.7	74.7	75.0	70.5	61.9	50.3	37.0	23.7	12.3	4.06	0.19		659				

Test System: HOPPO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019年11月15日

Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.220 m
 Remarks:

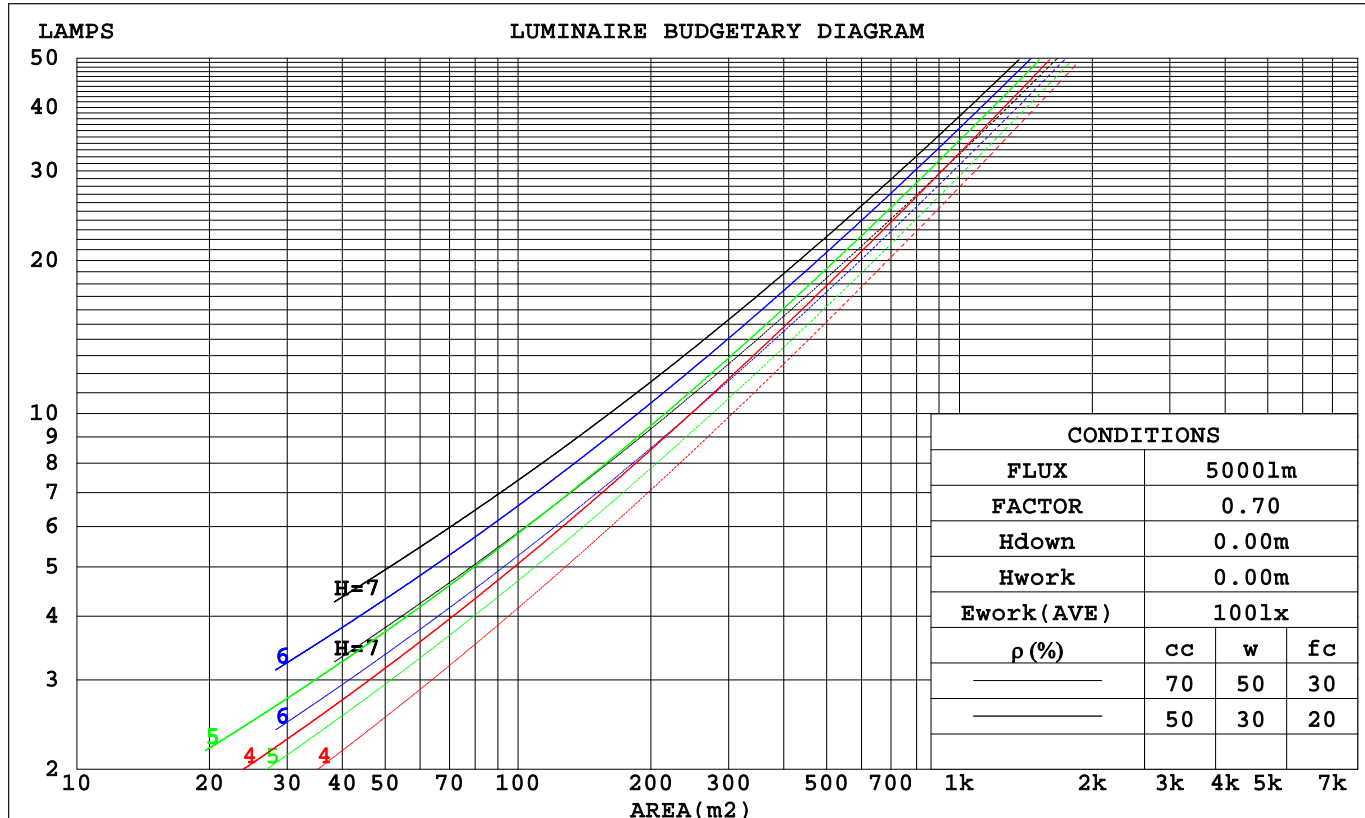
LEDWISE TECHNOLOGY LIMITED TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: LEDWISE	Address:	
NAME: LTR-P-24V-4.5W-27K	TYPE: 软光条	WEIGHT:
SPECIFICATION: 2700K	DIMENSION: 10MM*0.6M	SERIAL No.: 1

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:
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Test Set: 10.0deg/s C-Gamma (TYPE C)
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LEDWISE TECHNOLOGY LIMITED TEST REPORT

WEC AND CCEC

Report number:

MANUFACTURER: LEDWISE	Address:		
NAME: LTR-P-24V-4.5W-27K	TYPE: 软光条	WEIGHT:	
SPECIFICATION: 2700K	DIMENSION: 10MM*0.6M	SERIAL No.: 1	

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	.314	.179	.057	.307	.175	.056	.293	.168	.054	.280	.162	.052	.268	.156	.050		
2.0	.295	.162	.050	.288	.159	.049	.276	.153	.048	.265	.148	.046	.254	.144	.045		
3.0	.272	.145	.043	.267	.143	.043	.256	.139	.042	.246	.135	.041	.236	.131	.040		
4.0	.251	.131	.038	.246	.129	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036		
5.0	.232	.118	.034	.227	.117	.034	.219	.114	.034	.211	.111	.033	.203	.109	.033		
6.0	.215	.108	.031	.211	.107	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030		
7.0	.200	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.187	.091	.026	.183	.090	.026	.177	.088	.025	.171	.087	.025	.166	.085	.025		
9.0	.175	.085	.024	.172	.084	.024	.166	.082	.023	.161	.081	.023	.156	.079	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.075	.021	.147	.074	.021		

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	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021		
1.0	.190	.165	.143	.162	.142	.123	.111	.097	.085	.064	.056	.049	.020	.018	.016		
2.0	.182	.141	.107	.156	.121	.092	.107	.084	.064	.062	.049	.038	.020	.016	.012		
3.0	.174	.123	.083	.149	.106	.072	.102	.074	.051	.059	.043	.030	.019	.014	.010		
4.0	.166	.110	.067	.143	.095	.058	.098	.066	.041	.057	.039	.024	.018	.013	.008		
5.0	.159	.100	.056	.137	.086	.049	.094	.060	.034	.055	.035	.020	.018	.012	.007		
6.0	.152	.092	.048	.131	.079	.042	.090	.055	.030	.052	.033	.018	.017	.011	.006		
7.0	.145	.085	.042	.125	.073	.037	.086	.051	.026	.050	.030	.016	.016	.010	.005		
8.0	.139	.079	.038	.119	.068	.033	.083	.048	.023	.048	.028	.014	.016	.009	.005		
9.0	.132	.074	.034	.114	.064	.030	.079	.045	.021	.046	.027	.013	.015	.009	.004		
10.0	.127	.070	.032	.109	.060	.028	.076	.043	.020	.044	.025	.012	.014	.008	.004		

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 Temperature:25.3DEG
 Operators:
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Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
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 Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

Uncorrected UGR Table

Report number:

MANUFACTURER: LEDWISE	Address:		
NAME: LTR-P-24V-4.5W-27K	TYPE: 软光条	WEIGHT:	
SPECIFICATION: 2700K	DIMENSION: 10MM*0.6M	SERIAL No.: 1	

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	15.9	17.4	16.2	17.7	17.9	16.1	17.6	16.4	17.9	18.1
3H	17.6	19.0	17.9	19.2	19.5	17.9	19.3	18.2	19.5	19.8
4H	18.2	19.6	18.6	19.9	20.1	18.6	19.9	18.9	20.2	20.5
6H	18.7	20.0	19.1	20.3	20.6	19.1	20.4	19.5	20.7	21.0
8H	18.8	20.0	19.2	20.3	20.7	19.3	20.5	19.7	20.8	21.1
12H	18.9	20.1	19.3	20.4	20.7	19.4	20.6	19.8	20.9	21.2
4H 2H	16.6	17.9	16.9	18.2	18.5	16.8	18.1	17.1	18.4	18.7
3H	18.4	19.6	18.8	19.9	20.2	18.8	19.9	19.1	20.2	20.6
4H	19.2	20.3	19.6	20.6	21.0	19.6	20.7	20.0	21.0	21.4
6H	19.8	20.8	20.2	21.1	21.5	20.3	21.3	20.7	21.6	22.0
8H	20.0	20.8	20.4	21.2	21.6	20.5	21.4	21.0	21.8	22.2
12H	20.1	20.9	20.5	21.3	21.7	20.7	21.5	21.2	21.9	22.4
8H 4H	19.6	20.5	20.0	20.9	21.3	19.9	20.8	20.4	21.2	21.6
6H	20.3	21.1	20.8	21.5	21.9	20.8	21.6	21.3	22.0	22.4
8H	20.5	21.2	21.0	21.6	22.1	21.2	21.8	21.6	22.3	22.7
12H	20.7	21.3	21.2	21.7	22.2	21.5	22.0	22.0	22.5	23.0
12H 4H	19.6	20.4	20.1	20.8	21.3	19.9	20.8	20.4	21.2	21.6
6H	20.4	21.1	20.9	21.5	22.0	20.9	21.5	21.4	22.0	22.5
8H	20.7	21.2	21.2	21.7	22.2	21.3	21.9	21.8	22.3	22.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.1 / - 0.2					+ 0.3 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 676.3 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.4)

Test System: HOPPO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019年11月15日

Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.220 m
 Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: LEDWISE	Address:		
NAME: LTR-P-24V-4.5W-27K	TYPE: 软光条	WEIGHT:	
SPECIFICATION: 2700K	DIMENSION: 10MM*0.6M	SERIAL No.: 1	

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	57	45	38	56	45	38	55	44	37	31
0.80	67	55	47	65	54	47	64	53	47	40
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	81	71	64	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	61
2.00	94	85	79	92	84	78	89	82	76	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	102	95	89	99	93	88	95	90	85	77
4.00	106	100	95	103	98	94	99	94	91	81
5.00	108	103	99	106	101	97	101	97	94	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

Test System: HOP00 HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019年11月15日

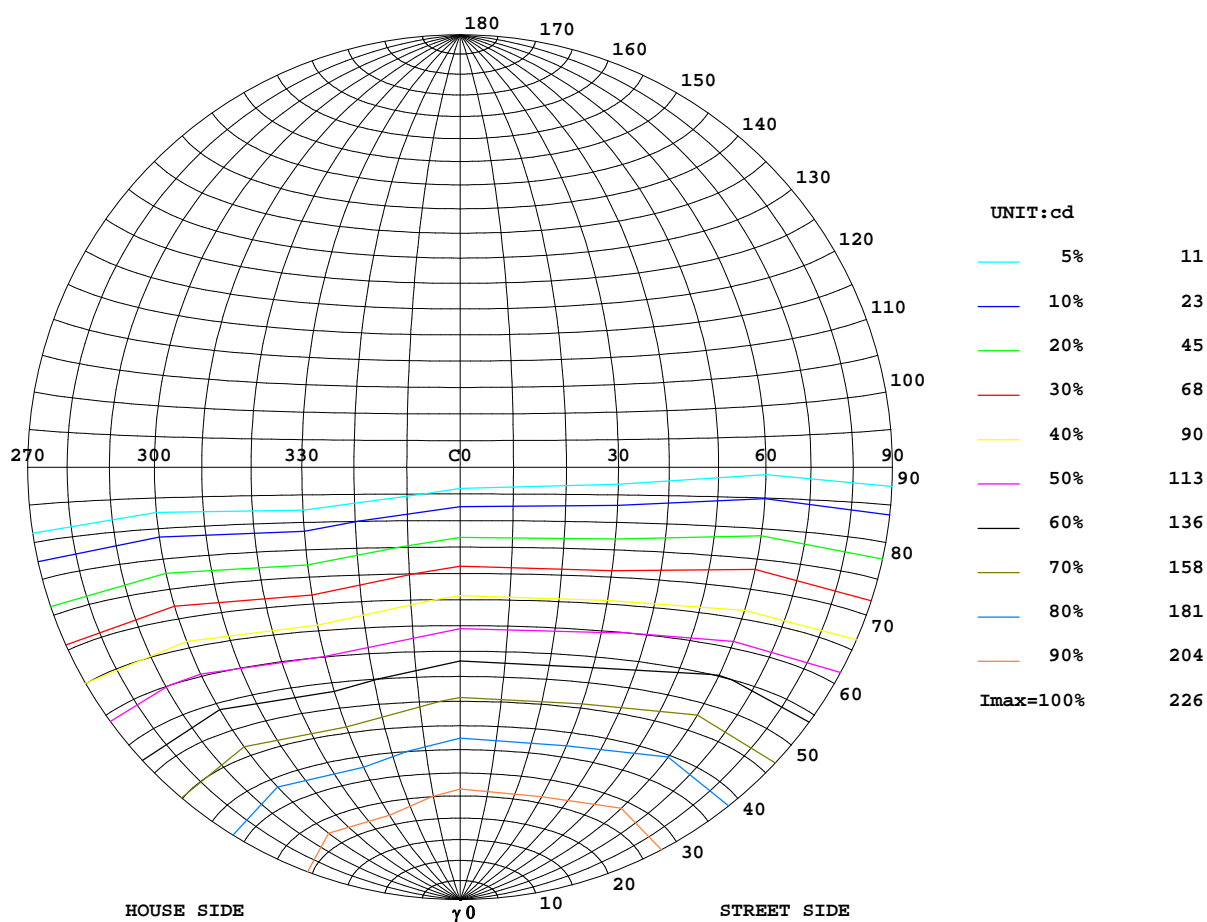
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.220 m
 Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LEDWISE	Address:	
NAME: LTR-P-24V-4.5W-27K	TYPE: 软光条	WEIGHT:
SPECIFICATION: 2700K	DIMENSION: 10MM*0.6M	SERIAL No.: 1



Test System: HOP00 HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019年11月15日

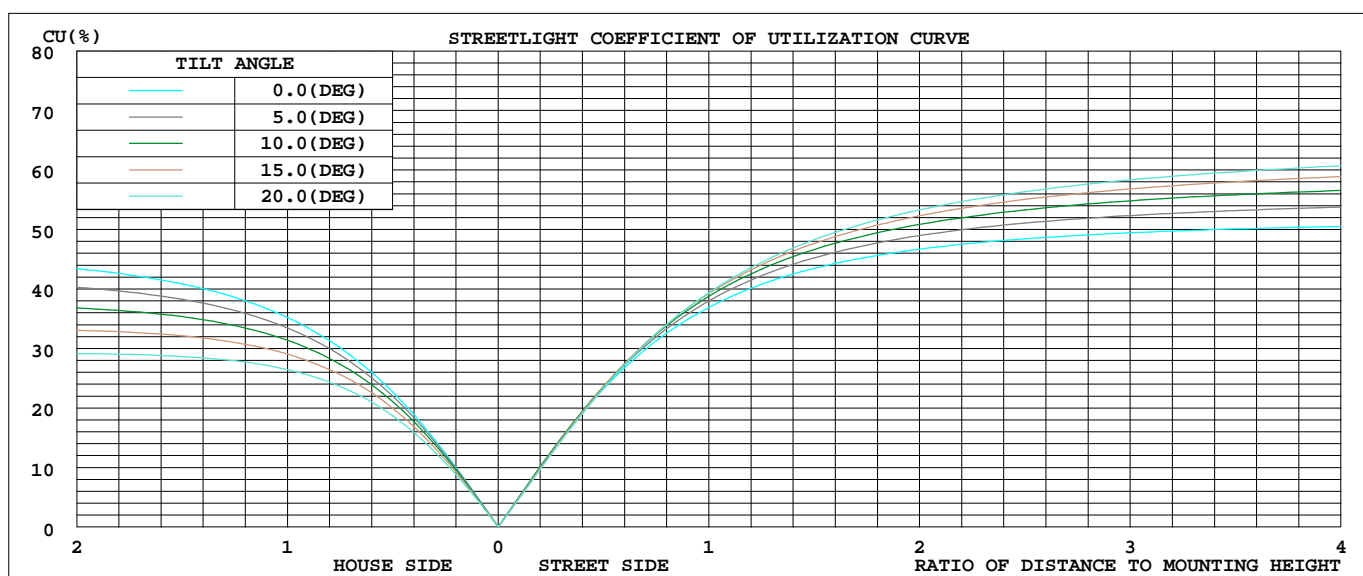
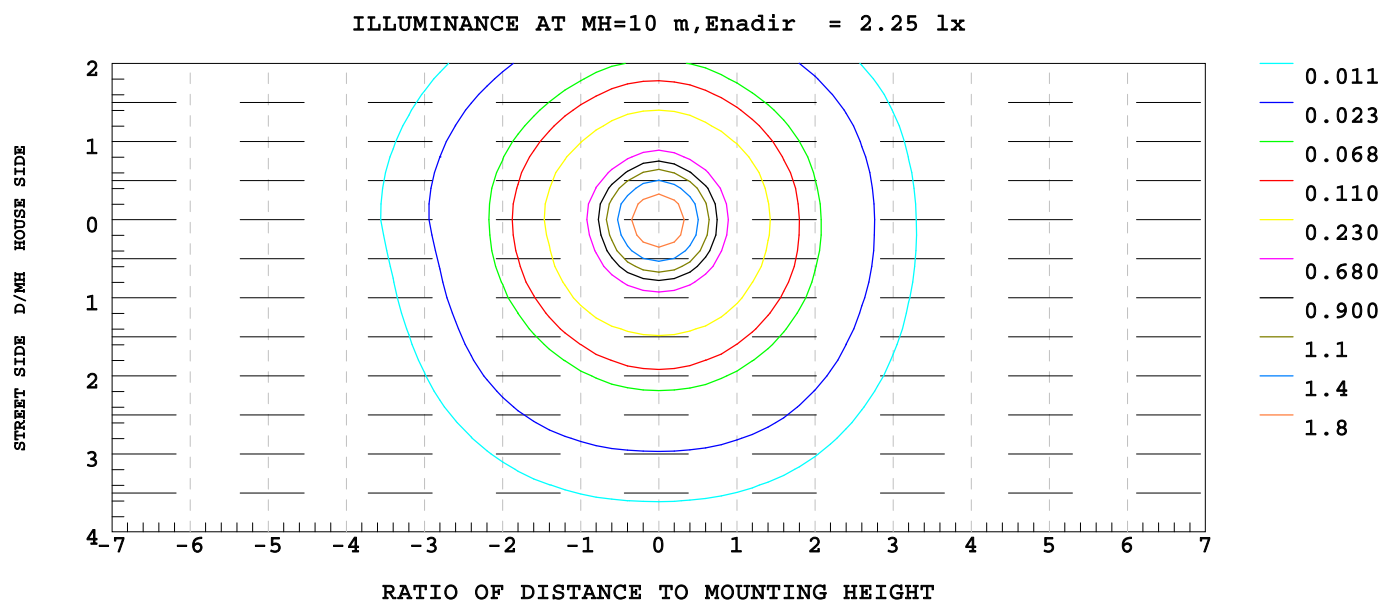
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.220 m
 Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER: LEDWISE	Address:	
NAME: LTR-P-24V-4.5W-27K	TYPE: 软光条	WEIGHT:
SPECIFICATION: 2700K	DIMENSION: 10MM*0.6M	SERIAL No.: 1



Test System: HOP00 HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2019年11月15日

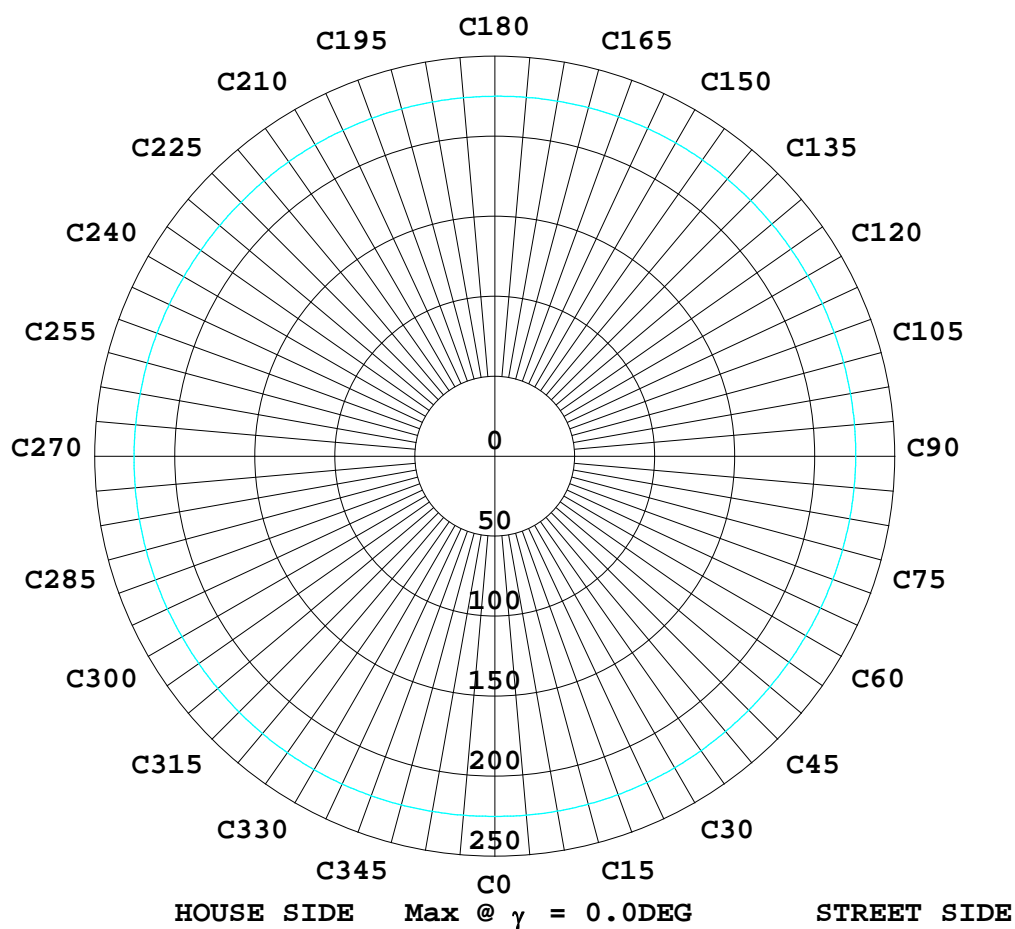
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 6.220 m
Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LEDWISE	Address:	
NAME: LTR-P-24V-4.5W-27K	TYPE: 软光条	WEIGHT:
SPECIFICATION: 2700K	DIMENSION: 10MM*0.6M	SERIAL No.: 1



Test System: HOP00 HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019年11月15日

Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.220 m
 Remarks:

LEDWISE TECHNOLOGY LIMITED TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: LEDWISE	Address:	
NAME: LTR-P-24V-4.5W-27K	TYPE:软光条	WEIGHT:
SPECIFICATION:2700K	DIMENSION: 10MM*0.6M	SERIAL No.:1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	225	225	224	226	226	226	225	225	224	226	226	226
5.0	225	225	225	226	226	225	223	223	222	224	224	225
10.0	223	222	224	224	225	223	220	220	218	220	220	222
15.0	219	219	221	221	221	219	215	215	213	215	215	218
20.0	214	213	216	215	217	213	209	209	205	208	207	212
25.0	206	206	210	208	210	205	200	200	196	199	199	203
30.0	197	197	201	200	201	196	190	190	185	189	188	194
35.0	187	187	192	190	191	185	178	178	172	177	175	183
40.0	175	174	180	177	179	172	165	165	159	164	162	170
45.0	161	161	167	164	166	158	150	150	144	148	147	155
50.0	146	146	152	149	151	142	133	134	126	132	130	140
55.0	129	129	136	132	135	125	121	117	110	115	113	122
60.0	111	112	118	121	116	108	99.8	93.9	90.5	94.4	94.5	103
65.0	93.5	93.0	93.9	96.5	94.2	88.0	79.8	78.7	70.9	76.6	74.7	85.2
70.0	73.7	72.5	81.8	75.7	79.0	67.0	58.3	58.2	49.9	56.2	53.8	64.9
75.0	52.4	52.6	60.7	55.9	57.5	47.0	36.4	37.2	30.4	35.2	34.3	43.8
80.0	32.7	33.3	40.5	36.2	37.5	27.8	17.2	19.6	14.0	17.7	16.9	25.2
85.0	13.3	15.7	22.2	17.5	19.5	11.4	3.75	7.07	2.74	5.57	4.13	10.4
90.0	2.86	3.94	7.77	4.64	6.34	2.16	0.70	2.86	0.66	2.66	0.66	2.97
95.0	2.47	0.54	2.66	0.70	2.78	0.93	0.66	2.39	0.62	2.32	0.62	2.39
100.0	2.28	0.46	2.35	0.62	2.43	0.62	0.66	2.12	0.50	2.12	0.50	2.16
105.0	2.01	0.46	1.93	0.54	2.08	0.54	0.66	2.01	0.50	1.97	0.58	2.01
110.0	1.93	0.46	2.05	0.54	1.93	0.50	0.70	1.85	0.54	1.74	0.62	1.89
115.0	1.89	0.54	1.81	0.46	1.89	0.54	0.62	1.81	0.46	1.66	0.62	1.85
120.0	1.81	0.50	1.74	0.54	1.62	0.46	0.70	1.66	0.62	1.62	0.46	1.81
125.0	1.70	0.58	1.58	0.54	1.58	0.58	0.81	1.66	0.66	1.50	0.54	1.62
130.0	1.62	0.62	1.58	0.58	1.58	0.62	0.81	1.47	0.58	1.47	0.54	1.58
135.0	1.50	0.66	1.62	0.58	1.54	0.46	0.85	1.47	0.50	1.47	0.54	1.50
140.0	1.43	0.62	1.43	0.62	1.43	0.50	0.77	1.47	0.62	1.35	0.58	1.47
145.0	1.43	0.58	1.43	0.54	1.39	0.62	0.85	1.35	0.70	1.39	0.54	1.43
150.0	1.39	0.58	1.31	0.62	1.31	0.62	0.85	1.23	0.58	1.31	0.54	1.31
155.0	1.27	0.58	1.31	0.58	1.31	0.66	0.81	1.27	0.70	1.23	0.58	1.35
160.0	1.31	0.66	1.27	0.50	1.27	0.62	0.81	1.19	0.62	1.27	0.66	1.27
165.0	1.23	0.74	1.19	0.54	1.27	0.62	0.85	1.16	0.54	1.12	0.66	1.16
170.0	1.23	0.74	1.12	0.54	1.16	0.58	0.89	1.27	0.54	1.12	0.62	1.12
175.0	1.19	0.74	1.16	0.66	1.04	0.62	0.81	1.23	0.66	1.12	0.62	1.12
180.0	1.08	0.74	1.08	0.70	1.00	0.70	0.97	1.08	0.81	1.04	0.70	1.08

Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:
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Test Set: 10.0deg/s C-Gamma (TYPE C)
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