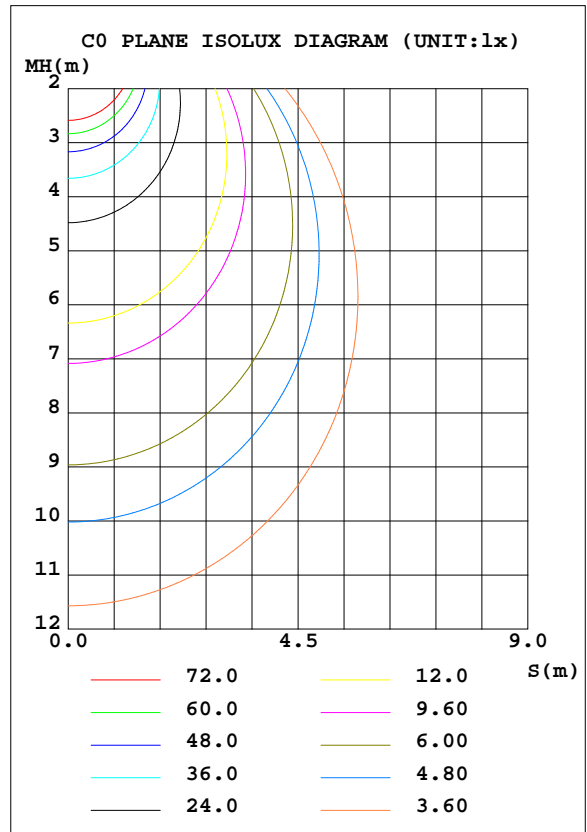
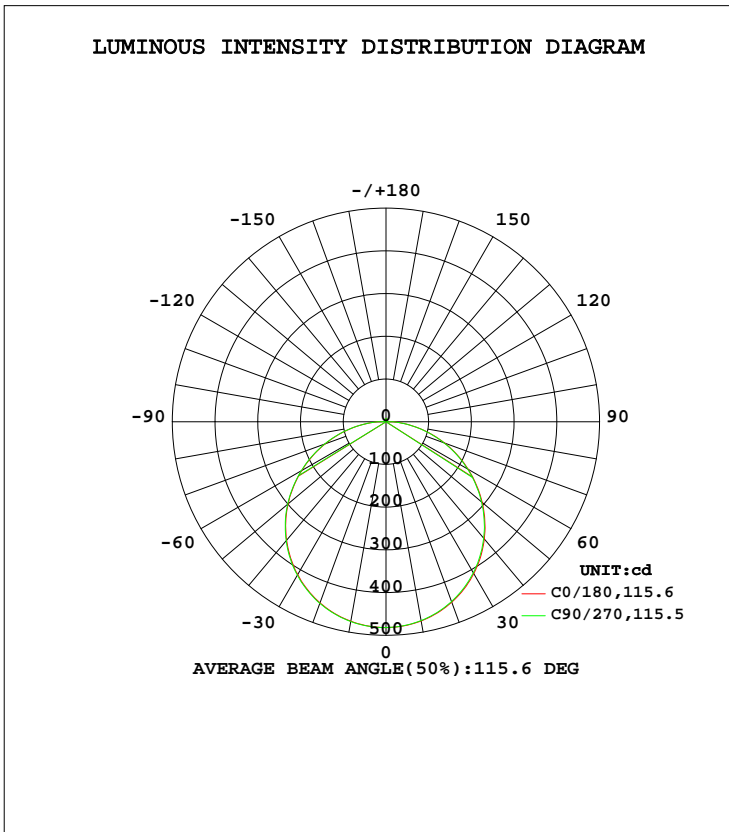


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.23V I:0.0676A P:13.874W PF:0.8918 Freq:50.00Hz Lamp Flux:1481.43x1 lm		
NAME: 136-049_15W_5700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:280	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 106.77 lm/W			
MODEL	136-049_15W_5700K	Imax(cd)	481.8	S/MH(C0/180)	1.28
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1481.4	η UP, DN(C0-180)	1.0,48.6
NOMINAL FLUX(lm)	1481.43	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.9,49.5
LAMPS INSIDE	1	η up(%)	1.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	η down(%)	98.1	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-11-11

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:8.240m [K=1.0000]  
 Remarks: 136-049\_15W\_5700K

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

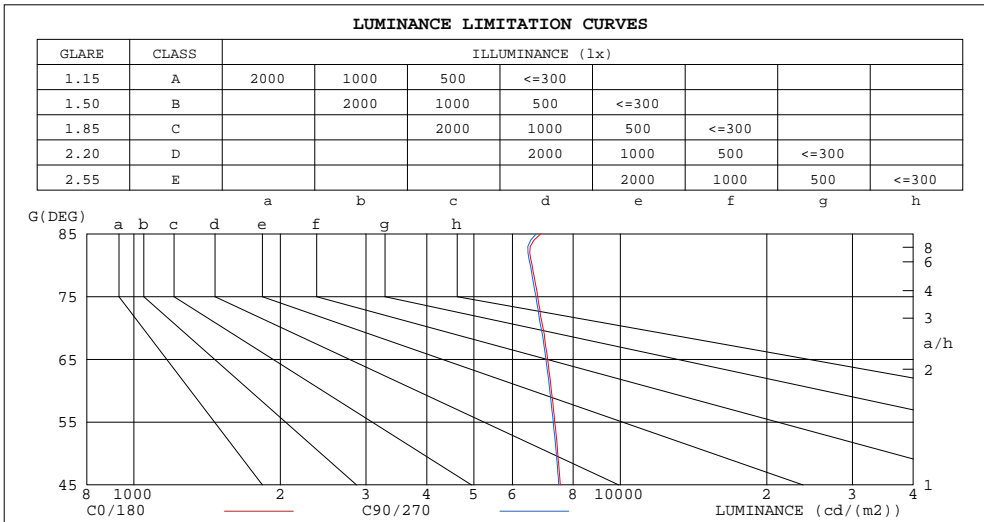
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
10	473.6	473.0	472.7	473.6	474.2	474.6	474.9	474.2	0- 10	45.61	45.61	3.08,3.08
20	449.6	448.8	448.0	449.9	451.3	451.9	452.5	450.8	10- 20	131.0	176.6	11.9,11.9
30	410.8	409.7	408.7	411.5	413.4	414.2	414.9	412.3	20- 30	199.6	376.2	25.4,25.4
40	358.1	356.7	355.8	359.7	362.0	363.1	363.6	360.3	30- 40	242.4	618.6	41.8,41.8
50	294.0	292.7	292.0	296.5	299.2	300.0	300.7	296.3	40- 50	254.1	872.6	58.9,58.9
60	221.9	220.4	220.2	224.9	227.4	228.8	228.7	224.5	50- 60	233.5	1106	74.7,74.7
70	145.9	144.7	144.6	149.4	151.8	152.6	153.0	148.2	60- 70	185.0	1291	87.2,87.2
80	70.33	69.72	69.75	74.62	76.48	76.99	77.47	72.30	70- 80	116.9	1408	95,95
90	13.85	13.49	13.40	16.45	17.67	17.53	17.03	14.44	80- 90	44.69	1453	98.1,98.1
100	2.689	2.648	2.731	2.773	2.337	2.305	2.434	2.379	90-100	6.205	1459	98.5,98.5
110	3.166	3.209	3.180	3.261	2.657	2.601	2.648	2.712	100-110	2.864	1462	98.7,98.7
120	3.987	4.062	4.065	3.989	3.298	3.250	3.284	3.315	110-120	3.239	1465	98.9,98.9
130	4.766	4.819	4.785	4.782	4.165	4.122	4.151	4.182	120-130	3.638	1469	99.1,99.1
140	5.508	5.574	5.554	5.510	4.967	4.965	4.967	4.976	130-140	3.759	1472	99.4,99.4
150	6.148	6.177	6.144	6.159	5.704	5.647	5.690	5.690	140-150	3.501	1476	99.6,99.6
160	6.723	6.743	6.723	6.739	6.386	6.352	6.377	6.445	150-160	2.880	1479	99.8,99.8
170	7.122	7.188	7.141	7.184	7.044	7.038	7.030	7.039	160-170	1.928	1481	100,100
180	7.405	7.415	7.401	7.429	7.405	7.415	7.401	7.415	170-180	0.6902	1481	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-11-11

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:8.240m [K=1.0000]  
 Remarks: 136-049\_15W\_5700K

LUMINANCE LIMITATION CURVES

Test:U:230.23V I:0.0676A P:13.874W PF:0.8918 Freq:50.00Hz Lamp Flux:1481.43x1 lm		
NAME: 136-049_15W_5700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:280	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6864	6713
80	6586	6531
75	6766	6707
70	6936	6874
65	7088	7032
60	7217	7161
55	7331	7280
50	7438	7386
45	7526	7473

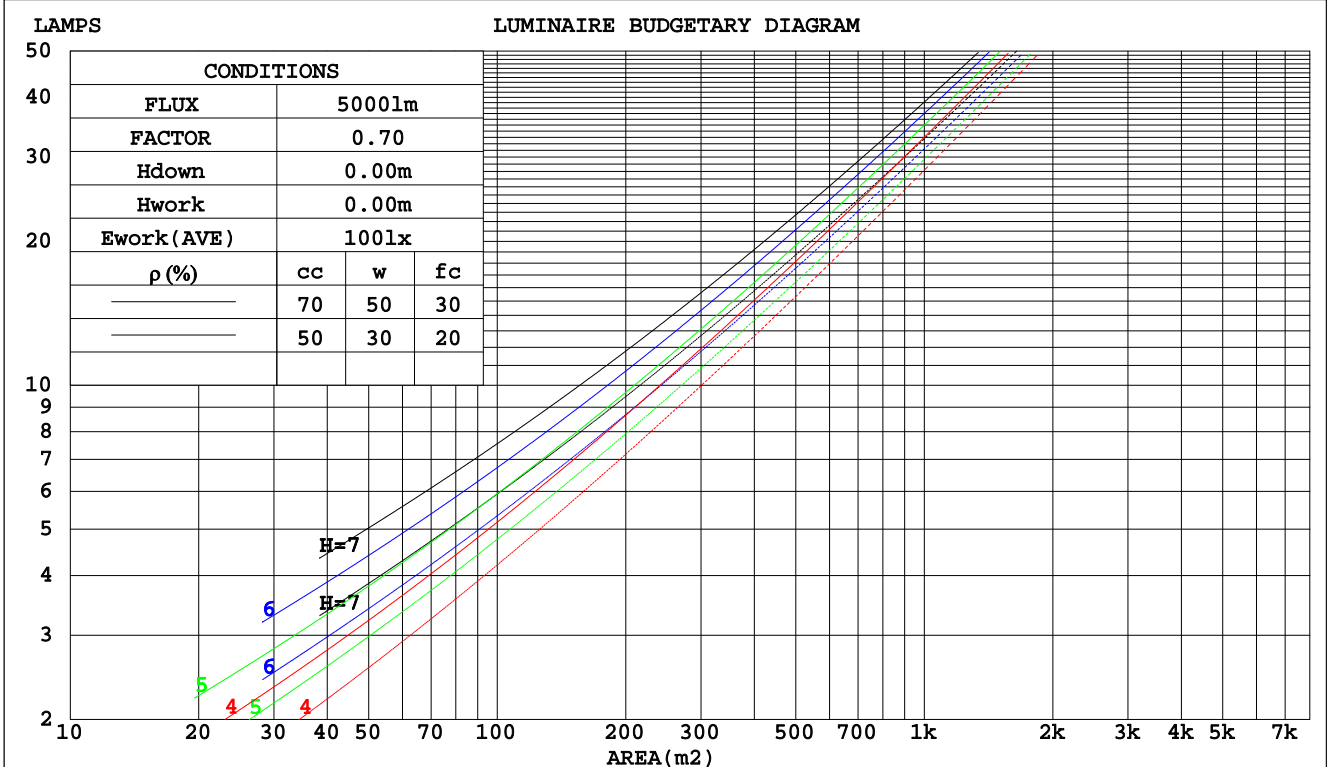
C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-11-11

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:8.240m [K=1.0000]  
 Remarks: 136-049\_15W\_5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.23V I:0.0676A P:13.874W PF:0.8918 Freq:50.00Hz Lamp Flux:1481.43x1 lm		
NAME: 136-049_15W_5700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:280	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
pfc	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	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.02	.98	.94	1.00	.96	.92	.95	.92	.89	.91	.88	.86	.87	.85	.83	.81
2.0	.89	.82	.76	.87	.80	.75	.83	.77	.73	.79	.75	.71	.76	.72	.69	.66
3.0	.78	.69	.63	.76	.68	.62	.73	.66	.60	.70	.64	.59	.67	.62	.58	.56
4.0	.69	.60	.53	.67	.59	.52	.64	.57	.51	.62	.56	.50	.59	.54	.49	.47
5.0	.61	.52	.45	.60	.51	.45	.58	.50	.44	.55	.49	.44	.53	.48	.43	.41
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.39	.50	.43	.38	.48	.42	.38	.35
7.0	.50	.41	.35	.49	.40	.34	.47	.40	.34	.46	.39	.34	.44	.38	.33	.31
8.0	.45	.37	.31	.45	.36	.31	.43	.36	.30	.42	.35	.30	.40	.34	.30	.28
9.0	.42	.33	.28	.41	.33	.28	.40	.32	.27	.38	.32	.27	.37	.31	.27	.25
10.0	.38	.30	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.24	.23



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-11-11

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:8.240m [K=1.0000]  
 Remarks: 136-049\_15W\_5700K

WEC AND CCEC

Test:U:230.23V I:0.0676A P:13.874W PF:0.8918 Freq:50.00Hz Lamp Flux:1481.43x1 lm		
NAME: 136-049_15W_5700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:280	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.328	.186	.059	.320	.182	.058	.305	.175	.056	.292	.168	.054	.280	.162	.052	
2.0	.303	.166	.051	.296	.163	.050	.283	.157	.049	.271	.152	.048	.260	.147	.046	
3.0	.277	.148	.044	.271	.145	.044	.260	.141	.043	.249	.137	.042	.240	.133	.041	
4.0	.255	.132	.039	.249	.130	.039	.239	.127	.038	.230	.123	.037	.221	.120	.037	
5.0	.234	.119	.035	.230	.118	.034	.221	.115	.034	.212	.112	.033	.204	.109	.033	
6.0	.217	.109	.031	.212	.107	.031	.204	.105	.030	.197	.102	.030	.190	.100	.030	
7.0	.201	.099	.028	.197	.098	.028	.190	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.188	.092	.026	.184	.091	.026	.178	.089	.025	.172	.087	.025	.166	.085	.025	
9.0	.176	.085	.024	.172	.084	.024	.167	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.152	.075	.021	.147	.074	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.205	.205	.205	.175	.175	.175	.120	.120	.120	.069	.069	.069	.022	.022	.022	
1.0	.196	.171	.148	.168	.147	.127	.115	.101	.088	.066	.058	.051	.021	.019	.017	
2.0	.189	.147	.112	.162	.126	.097	.111	.087	.067	.064	.051	.039	.020	.016	.013	
3.0	.181	.129	.088	.155	.112	.077	.107	.078	.054	.062	.045	.032	.020	.015	.010	
4.0	.173	.116	.073	.149	.100	.063	.102	.070	.044	.059	.041	.026	.019	.013	.009	
5.0	.166	.106	.062	.142	.092	.054	.098	.064	.038	.057	.038	.023	.018	.012	.007	
6.0	.159	.098	.054	.136	.085	.047	.094	.059	.033	.055	.035	.020	.018	.011	.007	
7.0	.152	.091	.048	.130	.079	.042	.090	.055	.030	.052	.032	.018	.017	.011	.006	
8.0	.145	.085	.044	.125	.074	.038	.086	.052	.027	.050	.031	.016	.016	.010	.005	
9.0	.139	.080	.040	.120	.069	.035	.083	.049	.025	.048	.029	.015	.016	.009	.005	
10.0	.133	.076	.038	.115	.066	.033	.080	.046	.023	.046	.027	.014	.015	.009	.005	

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-11-11

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:8.240m [K=1.0000]  
 Remarks: 136-049\_15W\_5700K

UGR(Unified Glare Rating) Table

Test:U:230.23V I:0.0676A P:13.874W PF:0.8918 Freq:50.00Hz Lamp Flux:1481.43x1 lm										
NAME: 136-049_15W_5700K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: Tronix Lighting					SUR.:280			Shielding Angle:		
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	19.6	21.2	19.9	21.4	21.6	19.6	21.1	19.9	21.4	21.6
3H	21.3	22.7	21.6	23.0	23.2	21.3	22.7	21.6	22.9	23.2
4H	22.0	23.3	22.3	23.6	23.9	22.0	23.3	22.3	23.6	23.9
6H	22.6	23.8	22.9	24.1	24.5	22.5	23.8	22.9	24.1	24.4
8H	22.8	24.0	23.2	24.3	24.7	22.7	24.0	23.1	24.3	24.6
12H	22.9	24.1	23.3	24.5	24.8	22.9	24.1	23.3	24.4	24.8
4H 2H	20.3	21.6	20.6	21.9	22.2	20.2	21.6	20.6	21.9	22.2
3H	22.1	23.3	22.5	23.6	24.0	22.1	23.3	22.5	23.6	23.9
4H	23.0	24.0	23.4	24.4	24.8	22.9	24.0	23.3	24.4	24.7
6H	23.7	24.6	24.1	25.0	25.4	23.6	24.6	24.1	25.0	25.4
8H	23.9	24.8	24.4	25.2	25.7	23.9	24.8	24.4	25.2	25.6
12H	24.2	25.0	24.6	25.4	25.9	24.1	25.0	24.6	25.4	25.8
8H 4H	23.3	24.2	23.7	24.6	25.0	23.2	24.1	23.7	24.5	25.0
6H	24.2	24.9	24.6	25.4	25.8	24.1	24.9	24.6	25.3	25.8
8H	24.5	25.2	25.0	25.7	26.2	24.5	25.2	25.0	25.6	26.1
12H	24.9	25.5	25.4	25.9	26.5	24.8	25.4	25.4	25.9	26.4
12H 4H	23.3	24.1	23.8	24.5	25.0	23.3	24.1	23.7	24.5	25.0
6H	24.2	24.9	24.7	25.4	25.9	24.2	24.9	24.7	25.3	25.8
8H	24.7	25.3	25.2	25.7	26.3	24.6	25.2	25.2	25.7	26.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 1481 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 1.4$ )

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-11-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:8.240m [K=1.0000]  
 Remarks: 136-049\_15W\_5700K

UTILIZATION FACTORS TABLE

Test:U:230.23V I:0.0676A P:13.874W PF:0.8918 Freq:50.00Hz Lamp Flux:1481.43x1 lm		
NAME: 136-049_15W_5700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:280	Shielding Angle:

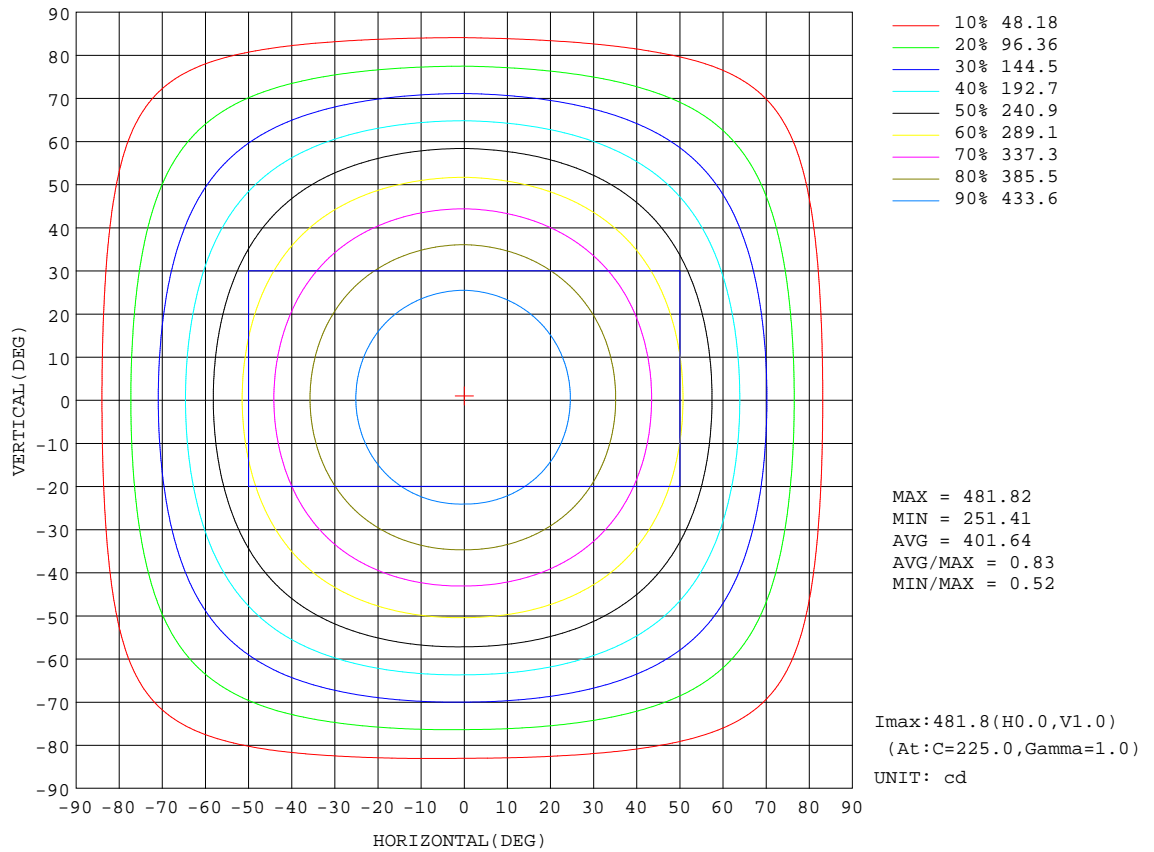
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	37	55	44	37	54	43	37	30
0.80	66	54	46	65	53	46	63	53	46	39
1.00	74	63	55	73	62	55	70	63	54	47
1.25	81	70	63	80	69	62	77	68	61	54
1.50	86	76	69	84	75	68	81	73	67	59
2.00	93	84	77	91	83	77	87	80	75	66
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	93	88	98	92	86	94	88	84	75
4.00	105	99	94	102	97	92	98	93	89	80
5.00	107	102	98	105	100	96	100	96	93	83
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-11-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:8.240m [K=1.0000]  
 Remarks: 136-049\_15W\_5700K

ISOCANDELA DIAGRAM

Test:U:230.23V I:0.0676A P:13.874W PF:0.8918 Freq:50.00Hz Lamp Flux:1481.43x1 lm		
NAME: 136-049_15W_5700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:280	Shielding Angle:

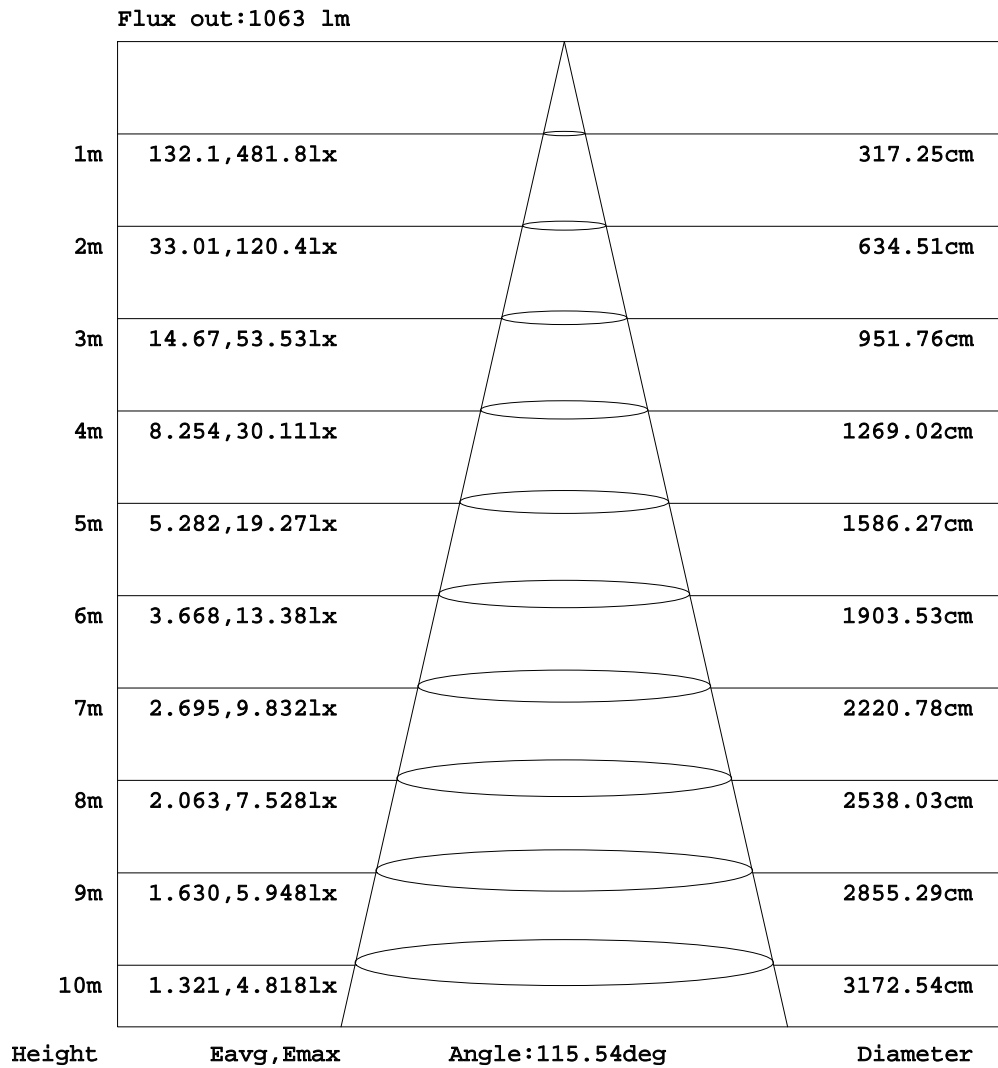


C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-11-11

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity: 65.0%  
 Test Distance: 8.240m [K=1.0000]  
 Remarks: 136-049\_15W\_5700K

AAI Figure

Test:U:230.23V I:0.0676A P:13.874W PF:0.8918 Freq:50.00Hz Lamp Flux:1481.43x1 lm		
NAME: 136-049_15W_5700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:280	Shielding Angle:



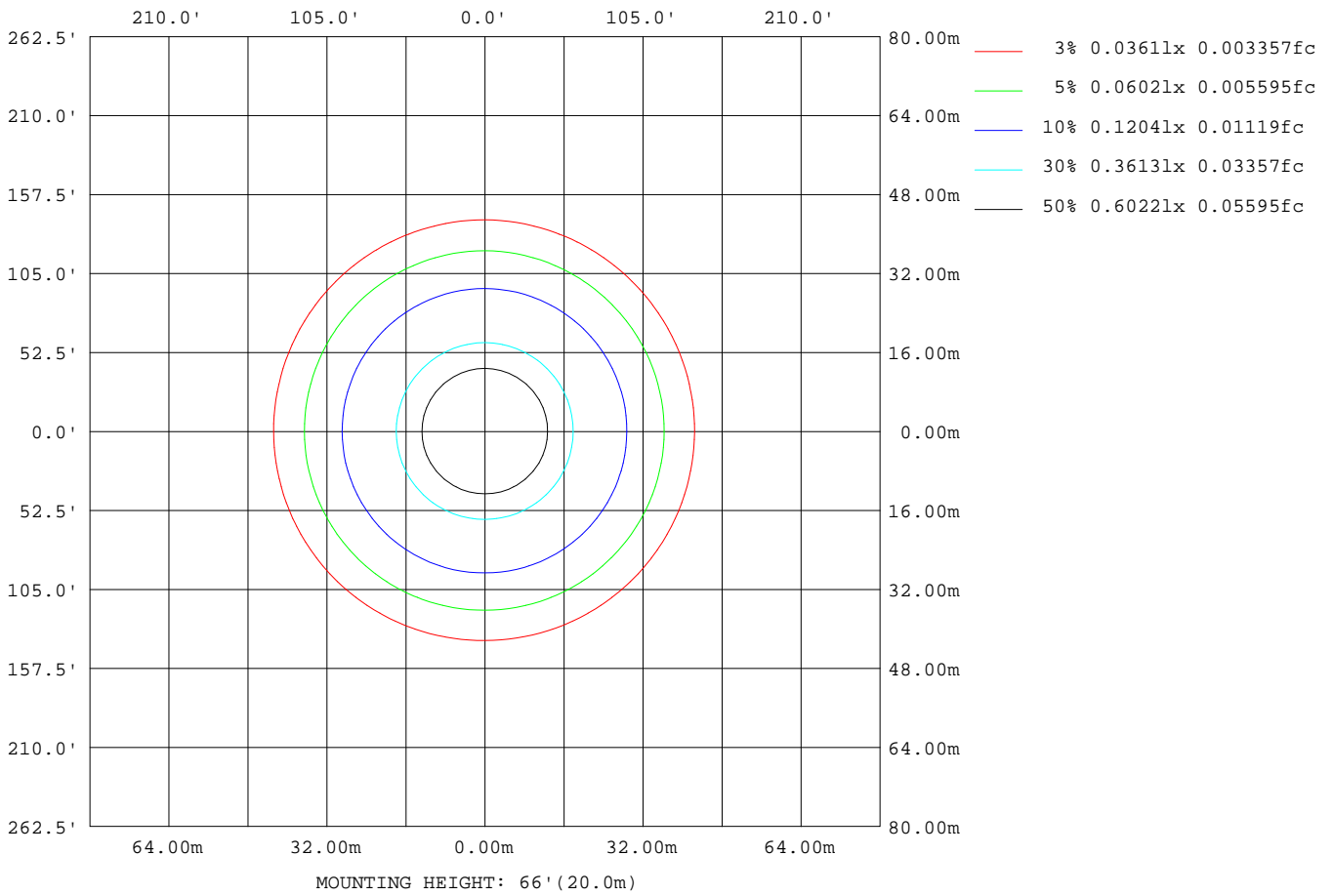
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-11-11

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity: 65.0%  
 Test Distance: 8.240m [K=1.0000]  
 Remarks: 136-049\_15W\_5700K

ISOLUX DIAGRAM

Test:U:230.23V I:0.0676A P:13.874W PF:0.8918 Freq:50.00Hz Lamp Flux:1481.43x1 lm		
NAME: 136-049_15W_5700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:280	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-11-11

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:8.240m [K=1.0000]  
 Remarks: 136-049\_15W\_5700K

LED Avg.L Report

Test:U:230.23V I:0.0676A P:13.874W PF:0.8918 Freq:50.00Hz Lamp Flux:1481.43x1 lm		
NAME: 136-049_15W_5700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:280	Shielding Angle:

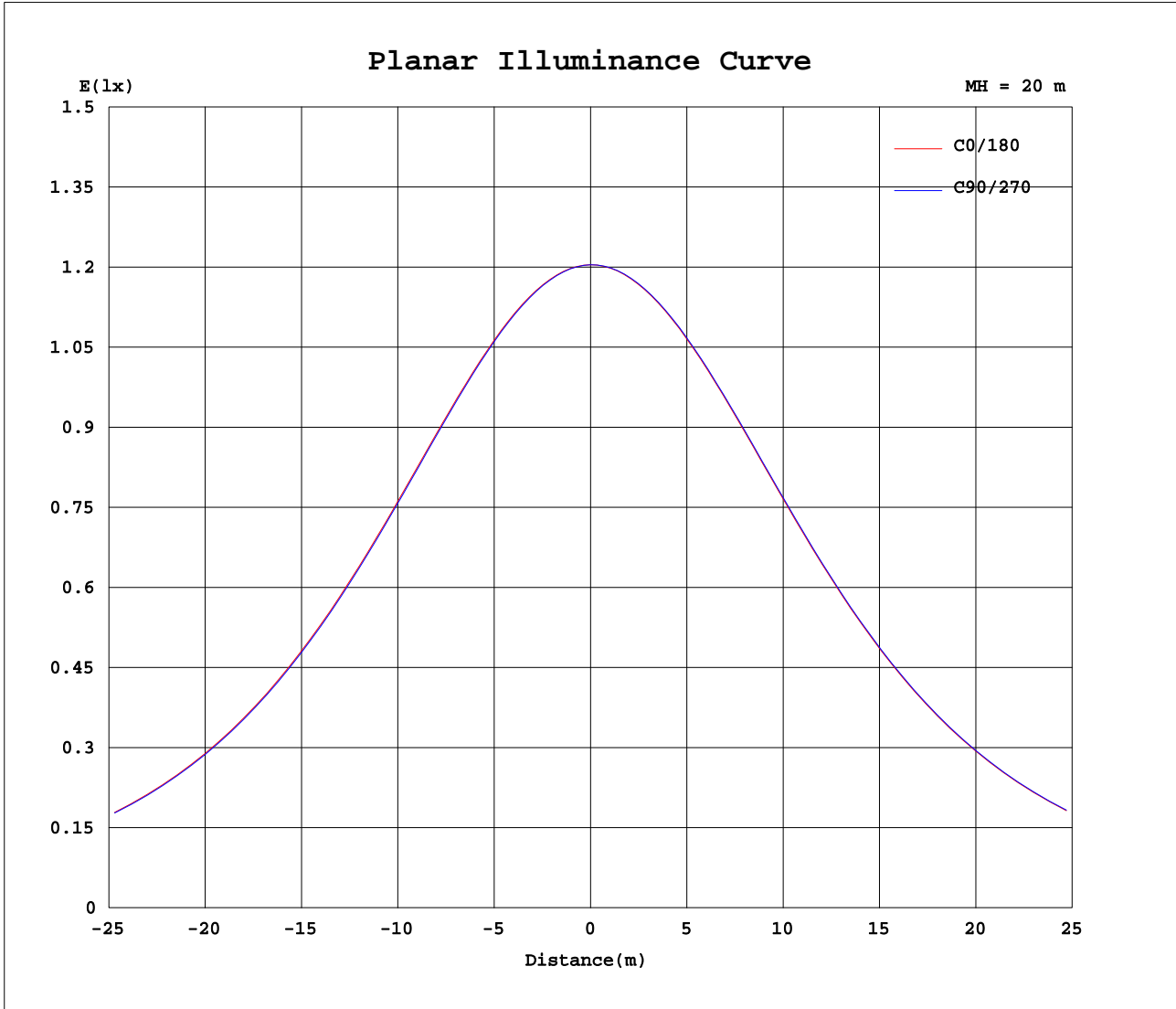
AvgL	cd/m2
L_0~180(65)av	7198
L_0~180(75)av	6953
L_0~180(85)av	7328
L_90~270(65)av	7194
L_90~270(75)av	6962
L_90~270(85)av	7299
L_45(65)av	7192
L_45(75)av	6949
L_45(85)av	7291

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-11-11

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:8.240m [K=1.0000]  
 Remarks: 136-049\_15W\_5700K

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-11-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity: 65.0%  
 Test Distance: 8.240m [K=1.0000]  
 Remarks: 136-049\_15W\_5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.23V I:0.0676A P:13.874W PF:0.8918 Freq:50.00Hz Lamp Flux:1481.43x1 lm		
NAME: 136-049_15W_5700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:280	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	45	90	135	180	225	270	315											
0	482	482	482	482	482	482	482	482											
5	480	479	479	480	480	480	480	480											
10	474	473	473	474	474	475	475	474											
15	464	463	462	464	465	465	466	464											
20	450	449	448	450	451	452	452	451											
25	432	431	430	432	434	435	436	433											
30	411	410	409	411	413	414	415	412											
35	386	385	384	387	389	390	391	388											
40	358	357	356	360	362	363	364	360											
45	327	326	325	329	332	333	333	330											
50	294	293	292	297	299	300	301	296											
55	259	257	257	261	264	265	265	261											
60	222	220	220	225	227	229	229	225											
65	184	183	183	187	190	191	191	187											
70	146	145	145	149	152	153	153	148											
75	108	107	107	112	114	114	115	110											
80	70.3	69.7	69.7	74.6	76.5	77.0	77.5	72.3											
85	36.8	36.2	36.0	40.0	41.8	42.1	42.3	38.0											
90	13.9	13.5	13.4	16.5	17.7	17.5	17.0	14.4											
95	3.07	2.96	3.31	4.29	4.67	4.44	4.07	2.85											
100	2.69	2.65	2.73	2.77	2.34	2.30	2.43	2.38											
105	2.88	2.88	2.93	2.97	2.46	2.41	2.52	2.51											
110	3.17	3.21	3.18	3.26	2.66	2.60	2.65	2.71											
115	3.56	3.62	3.57	3.63	2.90	2.89	2.88	2.97											
120	3.99	4.06	4.06	3.99	3.30	3.25	3.28	3.32											
125	4.37	4.43	4.40	4.38	3.74	3.69	3.72	3.76											
130	4.77	4.82	4.78	4.78	4.16	4.12	4.15	4.18											
135	5.13	5.20	5.17	5.15	4.58	4.53	4.57	4.63											
140	5.51	5.57	5.55	5.51	4.97	4.96	4.97	4.98											
145	5.86	5.86	5.85	5.86	5.35	5.30	5.33	5.35											
150	6.15	6.18	6.14	6.16	5.70	5.65	5.69	5.69											
155	6.44	6.47	6.45	6.45	6.04	5.99	6.03	6.06											
160	6.72	6.74	6.72	6.74	6.39	6.35	6.38	6.45											
165	6.94	6.98	6.95	6.98	6.74	6.71	6.71	6.74											
170	7.12	7.19	7.14	7.18	7.04	7.04	7.03	7.04											
175	7.32	7.35	7.34	7.36	7.28	7.26	7.28	7.28											
180	7.41	7.41	7.40	7.43	7.41	7.41	7.40	7.42											

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-11-11

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:8.240m [K=1.0000]  
 Remarks: 136-049\_15W\_5700K