

ASTRON SYMMETRIC



Catalog Number

FIXTURE

AST— Astron Symmetric

LAMPING

2T528 — (2) 28W T5

2T554 — (2) 54W T5 high output

VOLTAGE

120 — 120 Volt

277 — 277 Volt

OPTIONS

DIM — Electronic dimming

EXAMPLE: AST-2T554-120

Specifications

CONSTRUCTION

Center channel and housings are constructed of extruded aluminum alloy. Endcaps are constructed of die-cast aluminum and injection molded polycarbonate. Endcaps are attached with internal fasteners.

FINISH

Center channel, housing and endcap bases finished in solvent-free, powdercoat metallic aluminum finish.

SHIELDING

Acrylic wings are high-density extruded polycarbonate with smooth exterior and serrated interior. Lamps are shielded with an internal MIRO2® anti-glare louver, with a 95% reflectance.

ELECTRICAL

Specify 120 or 277 volt. Fixture and all electrical components are U.L./C.U.L. damp location listed.

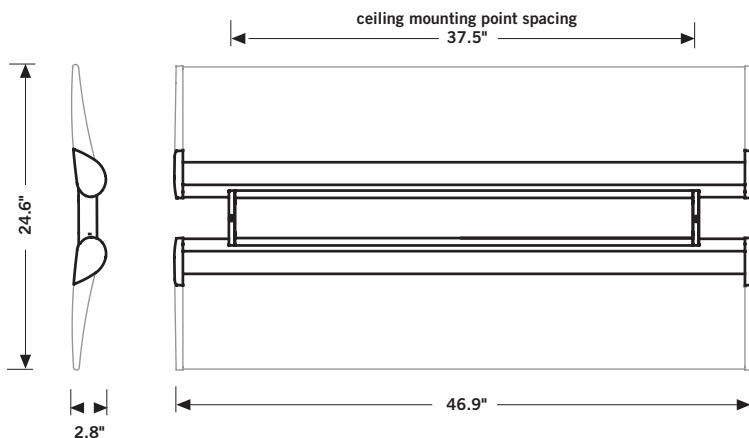
LAMPING

Choice of (2) 28 watt T5 or 54 watt T5 high output fluorescent lamps. Lamps not included.

MOUNTING

Fixture is supplied with 72" fully adjustable aircraft cable.

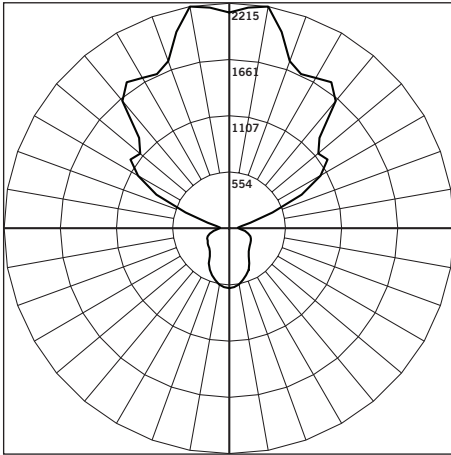
Dimensions



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Photometrics



CANDELA DISTRIBUTION

	0	45	90
0	587	587	587
5	581	582	586
15	528	544	561
25	451	472	509
35	334	395	428
45	277	315	328
55	256	231	220
65	235	176	122
75	197	123	47
85	115	67	12
95	89	78	63
105	218	299	318
115	787	772	672
125	1182	916	1039
135	1255	1444	1382
145	1754	1488	1671
155	1676	1713	1892
165	2001	2136	2041
175	2177	2138	2111
180	2120	2120	2120

LUMINAIRE

Description: Four foot Astron Symmetric with (2) high output T5 lamps

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Efficiency: 81%

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0 - 30	426.95	4.8	5.9
0 - 40	669.55	7.5	9.3
0 - 60	1119.68	12.6	15.5
0 - 90	1505.23	16.9	20.9
90-120	1118.8	12.6	15.5
90 - 130	2042.26	22.9	28.3
90 - 150	4098.85	46.1	56.8
90 - 180	5711.98	64.2	79.1
0-180	7217.21	81.1	100

LUMINANCE (Candela / sq meter)

ANGLE	0-DEG	45-DEG	90-DEG
45	645	680	708
55	719	585	556
65	865	558	386
75	1093	544	211
85	1410	519	93

COEFFICIENTS OF UTILIZATION

PCC PW RCR	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	81	81	81	81	72	72	72	72	54	54	54	38	38	38	24	24	24	17
1	74	70	67	64	65	62	60	57	47	45	44	33	32	21	21	20	19	14
2	67	61	56	52	59	57	50	47	41	38	36	29	27	26	18	17	16	11
3	61	54	48	43	54	48	43	39	36	33	30	26	24	22	16	15	14	10
4	56	47	41	37	49	42	37	33	32	28	26	23	20	19	14	13	12	8
5	51	42	36	31	45	37	32	28	29	25	22	20	18	16	13	11	10	7
6	47	38	31	27	41	33	28	24	26	22	19	18	16	14	12	10	9	6
7	43	34	28	23	38	30	25	21	23	19	17	17	14	12	11	9	8	6
8	40	31	25	20	35	27	22	18	21	17	15	15	13	11	10	8	7	5
9	37	28	22	18	33	25	20	16	19	16	13	14	11	10	9	7	6	4
10	35	25	20	16	31	23	18	15	18	14	12	13	10	9	8	7	6	4

Installation instructions may be found at www.energielighting.com.

MIRO2 is a registered trademark of Alanod.

Energie LLC, 4885 Ward Rd., Ste. 300 Wheat Ridge, CO 80033 Tel 720 963 8055 Fax 720 963 8044 www.energielighting.com

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