

**Ordering Guide (complete unit only)**

Cat. No.	Lamp (Clear)	Volt	Finish
<b>SL403AH1</b>	1-150W T6 CMH (M142) (clear)	120V (electronic)	Stainless Steel & Etched Glass
<b>SL403AH2</b>	1-150W T6 CMH (M142) (clear)	277V (electronic)	Stainless Steel & Etched Glass
<b>SL403AHT</b>	1-150W T6 CMH (M142) (clear)	120/277/347V (magnetic)	Stainless Steel & Etched Glass

**Features**

- Optical System:** Single lamp powers an upper wide spaced indirect optic and a lower narrow spaced direct sand-blasted optic. Glass shield redirects light into the space. Upper wide spaced spun Alzak® optic with clear glass micro switch protected. Narrow spacing spun Alzak® downlight optic. Bottom glass sandblasted outer ring with clear centre.
- Stainless Steel Construction:** Quality all stainless steel form and hardware.
- Hardware:** Exposed hardware adds high design element to the form.
- Ballast Compartment:** Perforated stainless steel construction with removeable ballast cover Hollow rods shield wiring to optical chamber.
- Optical Chamber:** Circular brushed stainless steel construction and all stainless steel hardware.
- Ceramic lamp source:** CMH lamp source assures stable color over the life of the lamp and longer lamp life.
- Wall Plate:** Stainless steel construction with additional holes for securing the installation and provided with an overlapping support for Ballast Compartment.
- Flange:** Stainless steel that separate Wall Plate and Ballast Compartment..

**Mounting**

**Mounting:** Suitable for mounting on standard octagonal box. Must be held in place by additional hardware to support heavy weight luminaire.

**Luminaire Weight:** 12.5 lbs. (magnetic), 9 lbs. (electronic)

**Electrical**

**Lampholder:** RX7s, double-ended base.

**Electronic Ballast:** Electronic Ceramic MH ballast maintains constant lamp characteristics throughout the life of the lamp and through a wide range of operating voltages. Ballasts available for 120 and 277 volts operation. No universal ballast option.

**Microswitch:** Remote, turn off electricity during maintenance into the lamp compartment.

**Electrical (continued)**

**H1:** Electronic Ceramic MH / CMH 120V

**H2:** Electronic Ceramic MH / CMH 277V

**Magnetic Ballast:** CWA (Constant Wattage Autotransformer) with triple tap 120/277/347 volts operation. Ballast maintains steady lamp operating characteristics for longer lamp life and color stability.

**HT:** Magnetic CWA MH 120/277/347V

**Options and Accessories**

For pendant unit, see Zylinder Glas SL402.

**Fuse:** 2 Amps internal fusing. Consulting your Lightolier representative. Add code (-F1) for 120 volts, (-F2) for 277 volts or (-F3) for 347 volts.

**Finish**

Stainless steel: brushed high quality stainless steel alloy.

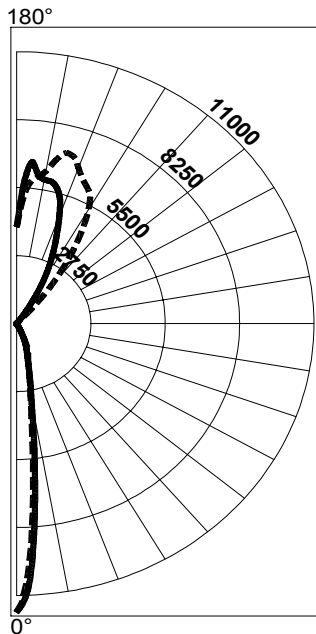
**Labels**

UL "c/us" Listed. For dry locations only.

Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	



# Spectral Architectural Lighting **SL403A**



REPORT NO: C9680.IES  
 CAT. NO: SL403AH1  
 1 x 150W T7 at 13250 lumens  
 Efficiency: 56.5% Indirect Maximum candela: 657  
 Indirect Peak at 175° Candela at Nadir: 11625

### CANDLEPOWER

ZONE DEG	0	22.5	45	67.5	90
0	261	261	261	261	261
5	267	265	264	262	261
10	280	277	274	270	266
15	299	297	292	277	269
20	317	316	306	283	273
25	328	332	315	291	273
30	335	340	330	301	278
35	334	341	332	305	278
40	324	332	331	307	282
45	308	317	322	306	275
50	276	293	309	298	268
55	226	250	287	286	257
60	152	187	250	273	236
65	74	106	191	251	214
70	24	41	112	212	181
75	9	16	43	156	143
80	49	39	23	68	93
85	99	83	53	36	42
90	143	137	97	59	15
95	236	236	180	106	27
100	337	337	260	150	61
105	439	432	335	191	99
110	532	520	406	223	134
115	615	601	464	261	170
120	687	666	466	302	199
125	748	709	555	324	231
130	785	739	577	351	264
135	803	752	578	364	294
140	801	744	574	378	311
145	766	712	590	381	326
150	708	658	526	381	339
155	628	595	484	375	335
160	551	522	439	365	335
165	457	439	398	357	324
170	382	374	358	348	324
175	341	339	333	323	305
180	318	318	318	318	318

### COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD • EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

ROOM CAVITY RATIO	Wall Reflectance																	
	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	.56	.56	.56	.56	.49	.49	.49	.49	.37	.37	.37	.25	.25	.25	.15	.15	.15	.10
1	.52	.50	.48	.46	.46	.44	.43	.41	.33	.32	.32	.23	.23	.22	.14	.14	.14	.10
2	.48	.44	.42	.39	.42	.39	.37	.35	.30	.29	.27	.22	.21	.20	.14	.13	.13	.10
3	.44	.40	.37	.34	.39	.36	.33	.31	.28	.26	.24	.20	.19	.18	.13	.13	.12	.10
4	.41	.36	.33	.30	.37	.33	.29	.27	.25	.23	.22	.19	.18	.17	.13	.12	.12	.09
5	.38	.33	.29	.26	.34	.30	.27	.24	.23	.21	.20	.18	.16	.16	.12	.12	.11	.09
6	.36	.30	.27	.24	.32	.27	.24	.22	.22	.20	.18	.17	.15	.15	.12	.11	.11	.09
7	.34	.28	.24	.22	.30	.25	.22	.20	.20	.18	.17	.16	.14	.14	.11	.11	.11	.09
8	.32	.26	.22	.20	.28	.23	.20	.18	.19	.17	.16	.15	.14	.13	.11	.11	.10	.09
9	.30	.24	.21	.18	.27	.22	.19	.17	.18	.16	.15	.14	.13	.12	.11	.10	.10	.09
10	.28	.23	.19	.17	.25	.21	.18	.16	.17	.15	.14	.14	.12	.12	.10	.10	.10	.08

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
 LUMINAIRE INPUTS WATTS = 168.6

### DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-30	1291	9.75	17.24
0-40	1318	9.95	17.60
0-60	1318	9.95	17.60
0-90	1318	9.95	17.60
90-120	0	0.00	0.00
90-150	0	0.00	0.00
90-180	6173	46.59	82.40
0-180	7492	56.54	100.00

### Job Information Type:

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