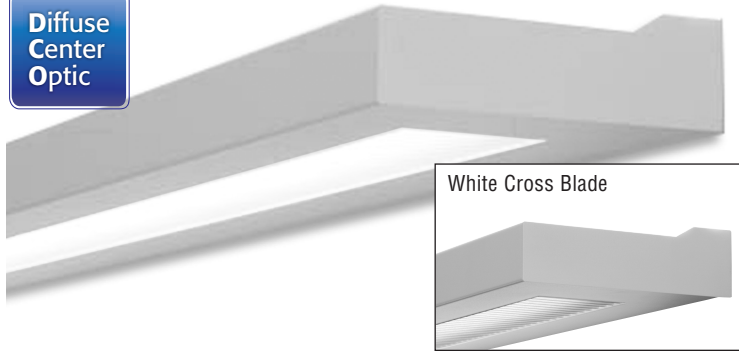


# FINELITE

## Series 16 WM Technical Sheet

Now Available



Date

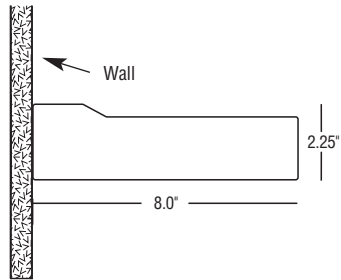
Project

Type

Comments

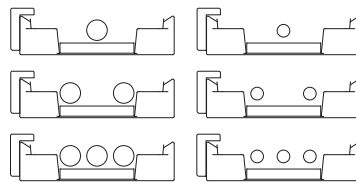
### DESCRIPTION

Series 16 Wall Mount is a low profile rectilinear form that complements the pendant luminaire. The small-scale unit features hidden mounting brackets to give the appearance of a floating luminaire. The wall mount luminaire is available with three different downlight shielding options, in 4' and 8' lengths and comes standard in 1, 2, or 3 T8, T5 or T5HO cross-sections.



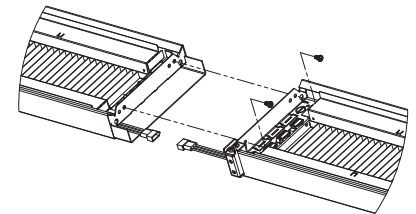
### DIMENSIONS:

Small-scale unit measures 8.0" wide by 2.25" high.



### LAMPING:

1, 2, or 3 T8 or T5 or T5HO lamps.

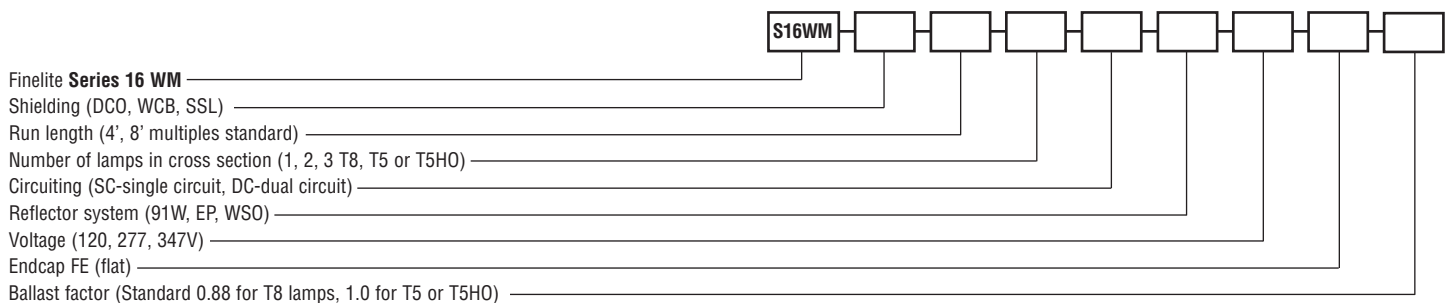


### STANDARD PLUG & PLAY WIRING:

Standard plug-together wiring and die-formed aligner plates come factory installed for smooth joints with no light leaks.

### ORDERING GUIDE

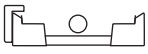
Sample Number: S16 WM - WCB - 32' - 2T8 - SC - 91W - 277 - FE - 0.88



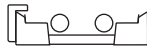
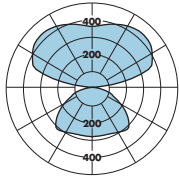
# FINELITE

## Series 16 WM Technical Sheet

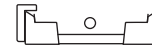
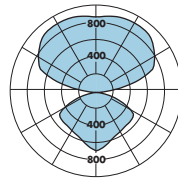
### PHOTOMETRY



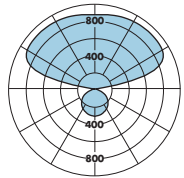
S16WM: 1 T8-SSL-91W-Open  
Efficiency: 87.4%  
Peak Candela Value: 447@ 135°  
LSI Report: 21792



S16WM: 2 T8-SSL-91W-Open  
Efficiency: 83.0%  
Peak Candela Value: 879@ 155°  
LSI Report: 21797



S16WM: 1 T5HO-SSL-91W-Open  
Efficiency: 97.5%  
Peak Candela Value: 910@ 135°  
LSI Report: 21802



CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
0	300	300	300	300	300	
5	299	299	301	299	298	29
15	282	284	293	298	300	82
25	250	257	279	300	308	129
35	206	222	266	307	325	166
45	146	178	248	300	318	183
55	70	111	185	226	247	151
65	15	30	73	133	158	82
75	4	5	12	51	97	32
85	1	0	1	3	12	4
90	0	0	0	0	0	
95	11	69	70	61	60	70
105	58	165	266	304	310	235
115	117	209	319	383	404	290
125	179	252	351	418	438	297
135	237	292	370	429	447	276
145	288	325	380	424	439	234
155	329	349	382	410	419	175
165	358	363	378	392	396	107
175	372	370	371	373	374	36
180	371	371	371	371	371	

CANDLEPOWER SUMMARY						
	0	22.5	45	67.5	90	Flux
0	646	646	646	646	646	
5	643	639	638	631	626	61
15	607	590	579	570	566	163
25	540	513	506	518	522	238
35	450	423	448	484	501	286
45	326	324	395	459	494	306
55	160	196	324	435	490	284
65	34	56	157	319	392	185
75	6	11	27	100	188	66
85	0	4	7	12	29	12
90	0	0	0	0	0	
95	25	94	94	85	83	100
105	130	281	425	438	442	372
115	265	403	559	670	705	522
125	406	515	664	755	785	565
135	537	619	737	827	856	555
145	652	709	789	854	876	488
155	745	775	825	865	879	378
165	809	817	842	862	869	237
175	842	834	839	844	846	82
180	838	838	838	838	838	

CANDLEPOWER SUMMARY						
	0	22.5	45	67.5	90	Flux
0	320	320	320	320	320	
5	319	319	320	319	317	31
15	303	303	308	308	307	86
25	274	274	280	285	286	129
35	235	236	243	253	259	153
45	177	183	200	211	221	152
55	93	107	140	158	172	119
65	20	28	58	90	106	60
75	8	6	8	23	38	17
85	4	0	0	1	5	2
90	0	0	0	0	0	
95	20	134	77	50	41	107
105	143	372	555	601	597	481
115	293	452	679	822	868	624
125	441	550	722	858	907	627
135	573	647	768	870	910	584
145	686	733	810	880	908	504
155	775	797	840	882	900	387
165	836	840	857	877	886	243
175	867	861	860	864	867	84
180	864	864	864	864	864	

— Refer to [www.finelite.com](http://www.finelite.com) for additional photometry and product information.

### SPECIFICATIONS

**CONSTRUCTION:** Body is 20-gauge die-formed steel with 18-gauge die-formed internal joiner system, plug-together wiring standard. All components are hard-tooled to tolerances of 0.010".

**ENDCAPS:** (FE) Flat endcap standard, 14 gauge die-formed steel, adds 0.1" at each end.

**REFLECTORS:** (91W) Die-formed pre-painted aluminum, 91% reflective white. Optional: (EP) Extended Performance reflector system (1T5HO only).

**SHIELDING OPTIONS:**

- DCO Diffuse Center Optic, 73% transmissive, 99% diffusion.
- WCB White Cross Blade Baffle, 87 cell baffles spaced 0.5" apart and finished with 96% reflective white paint.
- SSL Semi Specular Louver, 44 cell louvers spaced 1.0" apart.

**ACCESSORY:** Optional Dust Cover, clear acrylic, T8 lamps only. NOTE: Will significantly impact light level performance. Contact Factory.

**ELECTRICAL:** 120 or 277V prewired. Fixture and electrical components are UL/C-UL listed and fixture will bear UL/C-UL labels. Optional Adders: Low profile 347V ballast, prewired dual circuit, emergency circuits, low-profile emergency battery packs. Contact factory.

**LAMPING:** Available in 1, 2, or 3 T8, T5, or T5HO lamp cross sections.

**BALLAST:** Electronic instant-start ballast <10% THD, 0.88 BF standard for T8 lamps. Electronic rapid-start ballasts <10% THD, 1.0 BF standard for T5/T5HO lamps. Optional adders: rapid-start ballasts (standard for T5/T5HO), 347V, emergency battery packs, dimming ballasts (controls by others). Requires low-profile ballasts and battery packs.

**MOUNTING OPTIONS:** Standard mount is hidden bracket. Brackets constructed of 14-gauge steel and mount to luminaire using #10 screws. Two brackets are provided for every luminaire section. A leveling screw is included to ensure luminaire is perpendicular to vertical surface.

**FEED:** 18 gauge straight cord. 14 gauge feed cord used when fixture current exceeds 5 amps.

**FINISHES:** Finelite Signal White standard. Optional Adders: 185 colors available from Tiger Drylac's RAL color chart.

**LENGTHS:** 4' and 8' section lengths can be combined to make longer runs. Contact factory for additional lengths.

**WEIGHT:** Fixture weight = 3.0 lb/ft.