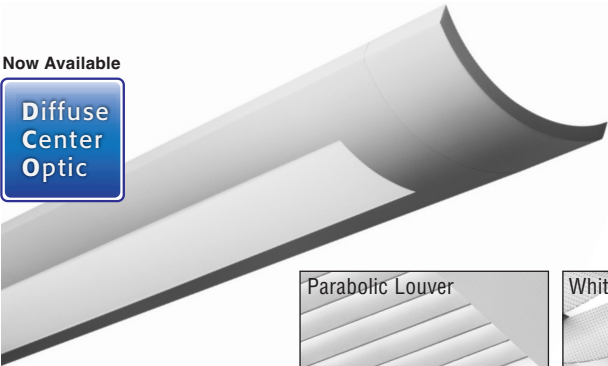


FINELITE

Series 12-ID Technical Sheet

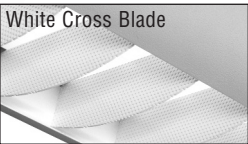


Now Available

Diffuse
Center
Optic



Parabolic Louver



White Cross Blade

DESCRIPTION

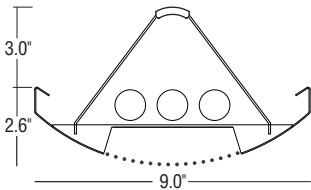
Series 12-ID is an indirect/direct luminaire with shielding and optical choices that extends the Series 12 family to new levels of light distribution. Series 12-ID uses sophisticated designs and manufacturing techniques to produce a product that is as affordable as it is beautiful. Available in 1, 2, or 3 T8, T5 or T5HO lamps in 4' and 8' lengths. Choose from White Cross Blade perforated baffle, semi-specular Parabolic Louver or a Diffuse Center Optic, and 3 choices to control downlight distribution. Available with standard flat or optional curved die-cast endcaps. Companion wall mount also available.

Date

Project

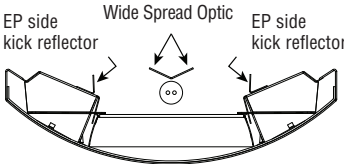
Type

Comments



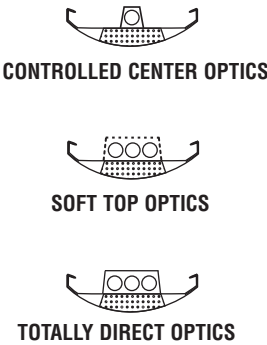
DIMENSIONS / LAMPING:

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



WIDE SPREAD OPTICS:

Special wide spread reflector gives extended distribution and is especially effective in low ceiling areas



ORDERING GUIDE

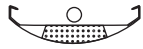
Sample Number: S12-ID - WCB - 32' - 2T8 - SC - 91W - OPEN - 277 - FA - FE - C1 - 0.88

	S12-ID													
Finelite Series 12-ID (Indirect/Direct)														
Shielding (DCO, WCB, PLV)														
Run length (4', 8' multiples standard)														
Number of lamps in cross section (1, 2, 3, T8, T5 or T5HO)														
Circuiting (SC-single circuit, DC-dual circuit, CRD-center row dimming)														
Reflector system (91W, EP, WSO)														
Uplight optical options (Open, CCO, STO, TDO)														
Voltage (120, 277, 347V)														
Mounting (AC, FA)														
Endcap FE (flat), CE (curved)														
Ceiling type (C1-1" T-bar, C2-9/16" T-bar, C3-Slot Grid, C4-Hard Ceiling)														
Ballast factor (Standard 0.88 for T8 lamps, 1.0 for T5 or T5HO)														

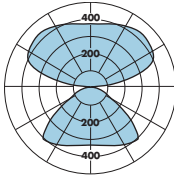
FINELITE

Series 12-ID Technical Sheet

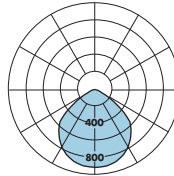
PHOTOMETRY



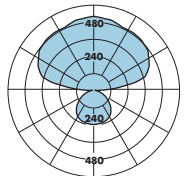
S12-ID: 1 T8-WCB-91W-Open
Efficiency: 90.4%
Peak Candela Value: 430@ 135°
LSI Report: 18409



S12-ID: 1 T8-WCB-91W-CCO
Efficiency: 64.4%
Peak Candela Value: 918@ 0°
LSI Report: 18458



S12-ID: 1 T8-DCO-91W-Open
Efficiency: 89.4%
Peak Candela Value: 527@ 175°
LSI Report: 29703



CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
0	336	336	336	336	336	
5	330	332	333	336	337	32
15	300	306	322	342	350	91
25	257	271	305	348	371	143
35	208	230	283	353	396	183
45	157	182	253	343	390	199
55	109	131	195	217	234	159
65	74	83	95	97	110	93
75	40	43	44	51	57	50
85	10	12	14	16	15	16
90	0	6	6	6	2	
95	20	65	75	75	67	76
105	93	169	252	278	286	230
115	167	229	317	381	405	298
125	234	279	356	405	422	306
135	285	319	375	419	430	284
145	325	348	383	410	417	237
155	351	363	382	395	398	175
165	365	371	375	378	379	106
175	366	369	368	367	366	36
180	366	366	366	366	366	

CANDLEPOWER SUMMARY						
	0	22.5	45	67.5	90	Flux
0	918	918	918	918	918	
5	900	905	908	915	915	87
10	858	870	883	903	908	
15	805	821	845	876	892	238
20	745	65	796	840	864	
25	677	700	740	795	829	343
30	604	632	679	741	785	
35	528	559	612	681	731	386
40	451	482	540	615	668	
45	374	404	465	542	601	364
50	295	324	390	459	497	
55	221	251	218	337	353	268
60	180	190	235	229	223	
65	143	148	160	143	122	148
70	106	113	111	85	57	
75	72	78	76	61	48	73
80	44	47	49	41	33	
85	18	22	25	22	15	24
90	0	5	10	7	0	

CANDLEPOWER SUMMARY						
	0	22.5	45	67.5	90	Flux
0	242	242	242	242	242	
5	241	240	240	242	241	23
15	231	232	233	237	237	66
25	213	215	219	226	227	101
35	186	190	197	204	206	123
45	154	159	166	170	169	126
55	118	123	126	126	124	111
65	83	85	84	83	82	83
75	48	46	46	47	47	50
85	12	13	16	19	20	19
90	1	7	12	16	17	
95	22	95	124	132	132	115
105	114	182	280	345	370	271
115	206	242	342	405	430	323
125	291	301	387	448	469	338
135	364	366	418	468	486	324
145	426	429	446	478	491	283
155	476	473	482	486	489	222
165	509	504	507	510	511	143
175	527	523	521	517	517	50
180	525	525	525	525	525	

— Refer to 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, 20-gauge die-formed steel, adds 0.1" at each end. Optional: (CE) Curved Endcap, aluminum die-cast endcap with 0.100" reveal, adds 5.0" at each end.

REFLECTORS: Standard (91W) 91 White: Die-formed pre-painted aluminum, 91% reflective white. Optional Extended Performance (EP) reflector system for T5HO. (WSO) Wide Spread Optic system for 1 T5HO.

UPLIGHT OPTICAL OPTIONS:

Open	No optical control.
CCO	Controlled Center Optics, covers center lamp, 100% downlight (center only).
STO	Soft Top Optic, perforations cover the surface.
TDO	Totally Direct Optic, solid top above lamps.

SHIELDING OPTIONS:

DCO	Diffuse Center Optic, 73% transmissive, 99% diffusion.
WCB	White Cross Blade baffle, white cross blades with straight edges spaced approximately 1.8" apart.
PLV	Parabolic Louver, semi-specular louvers with straight edges, spaced approximately 1.2" 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, .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. Contact factory for multiple ballast factors in one luminaire.

MOUNTING OPTIONS: (FA) 50" fully Adjustable aircraft cable standard with safety stop. Contact factory for additional lengths up to 150". Mounting connects to fixture with factory-installed Level and Lock Assembly™, which allows side-to-side fixture leveling and locks into place. NOTE: Curved balancer assembly is 3" above top of fixture. Optional (AC) semi-adjustable aircraft cable (± 0.5") in lengths of 12", 15", 18", 21", 24", 27", 30", and 36".

SUPPORT CABLES: Plated steel cable and hardware.

FEED: 18 gauge straight cord. 14 gauge feed cord used when fixture current exceeds 6 amps. Optional Adders: Coil Cord Feed.

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 = 2.6 to 3.6 lb/ft. with curved endcaps. Fixture weight 2.0 lb/ft. with flat endcaps.

WALL MOUNT: Companion wall mount available.