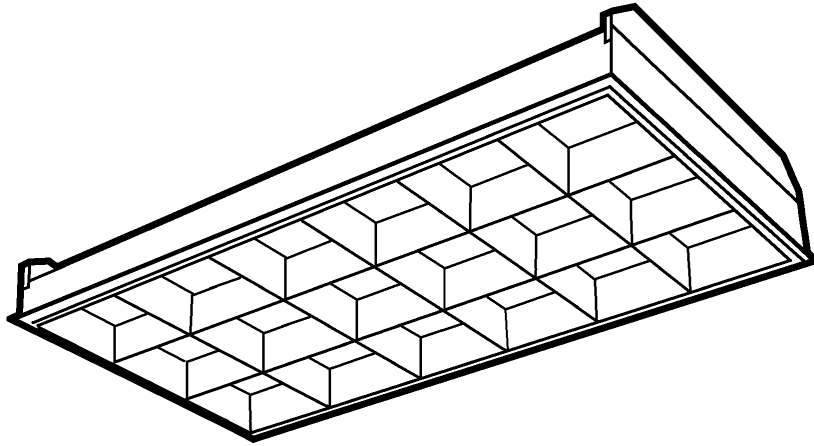


Deep Parabolic

TEP

2' x 4'

CATALOG NUMBER	TYPE



Housing: Die-formed heavy gauge steel with high-gloss baked white enamel finish (minimum reflectance 86%) over rust inhibiting phosphate coat. X prefix specifies durable high gloss powder coat post paint finish (90% reflectance) over rust inhibiting phosphate coat. Full black reveal with "T" hinges allowing access from either side. Access plate providing two knockouts and ground screw included.

Shielding: Low iridescence, anodized, semi-specular aluminum parabolic, nominal 3" deep-cell louver held securely by steel latches.

Electrical: Fully wired for 120V, 60Hz AC operation, thermally protected, automatic resetting, Class P, sound rated A, high-power factor ballast, unless otherwise specified. Electronic T8 shall be instant start, <20% harmonic distortion standard, specify suffix UNV for <10% harmonic distortion. Specify suffix UNV for universal voltage, 120 through 277V, 50/60Hz AC operation, Electronic T8 only. UL and C-UL listed.

Mounting: Optional EC515 Earthquake Clip for lay-in TEP grid ceilings. Specify FEP for flange unit or use GCK kit. Flanged units require field assembly. Specify SEP for surface unit.

Critical Application: SIMKAR strives to offer the most current product designs and value. Consequently, all SIMKAR products are subject to redesign and revision. Critical applications such as size, operating temperature, or sensor operation should be confirmed with the factory.

FEATURES AND BENEFITS

- | | | |
|---|---|--|
| 3" deep cell parabolic | ➤ | High efficiency with uniform low brightness in the 60 degree to 90 degree zone |
| Protective poly sheet | ➤ | Keeps louver clean during shipment and installation |
| Semi-specular aluminum parabolic standard | ➤ | Low iridescence |
| "T" hinges | ➤ | Allows access from either side |

ORDERING INFORMATION

Example: TEP24433218CB11120V

EP 244

C

MOUNTING

T - Lay-in
 F - Flange
 XF - Powder coat, flange†
 XT - Powder coat, lay-in†
 S - Surface unit, see page 47

SIZE

244 - 2 x 4

LAMPS

232 - (2) 32W 48" T8
 240 - (2) 34 or 40W 48" T12
 332 - (3) 32W 48" T8
 340 - (3) 34 or 40W 48" T12
 432 - (4) 32W 48" T8
 440 - (4) 34 or 40W 48" T12

LOUVER

EP - 3" deep cell, semi-specular

SPECIAL FEATURE

G - Gold louver
 W - White louver
 S - Specular louver
 FL - Flex, see page 37
 SR - Silver reflector, see page 36
 Air handling, see page 36

BALLAST

B11 - Electronic T8
 E1 - Energy Saving Magnetic T12

VOLTAGE

120V
 277V
 UNV - 120-277V

CELL CONFIG

12 - (2 rows of 6)	24 - (4 rows of 6)
18 - (3 rows of 6)	27 - (3 rows of 9)
24 - (3 rows of 8)	32 - (4 rows of 8)

†Minimums may apply, consult factory

For additional information, see chart on pages 39-41

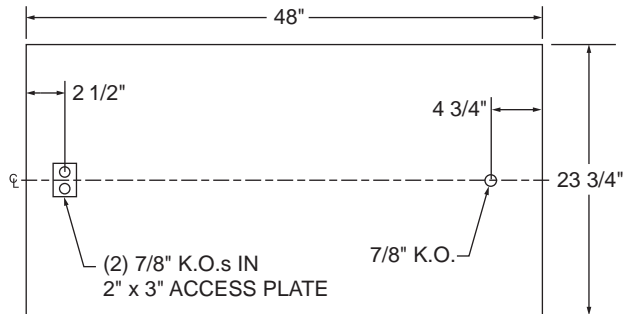
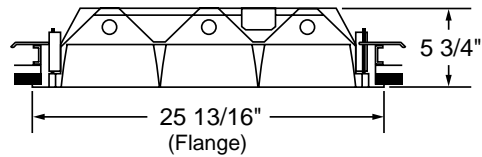
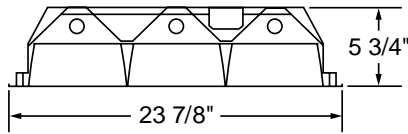
Deep Parabolic 2' x 4'

PHOTOMETRIC DATA, 3-32W 2 x 4 18 Cell Model

CANDLEPOWER				LIGHT GUIDE (T8 LAMPS AND ELECTRONIC BALLAST)					COEFFICIENT OF UTILIZATION									
Angle	0	45	90	Area/fixture in sq.ft./lg. room, good conditions - 8' to 10' ceilings					RC	80			70			50		
				Footcandles	2-31U 6"	2-32 1 x 4	3-32W	4-32W	RW	70	50	30	70	50	30	50	30	30
0	2880	2880	2880						RCR	1	84	81	78	82	79	77	76	74
5	2869	2885	2901	35	77	77	141	165	2	77	73	69	76	71	67	69	66	
15	2742	2866	2953	50	54	54	99	115	3	72	65	60	70	64	59	62	58	
25	2523	2751	2939	75	36	36	66	77	4	66	59	53	65	58	53	56	52	
35	2228	2545	2927	100	27	27	49	58	5	62	53	47	60	52	48	51	46	
45	1822	2106	1305	AVERAGE LUMINANCE CD/SQ.M				TYPICAL V.C.P.s				LIGHT DISTRIBUTION						
55	1296	820	526	Angle	0	45	90	Room Size	Mounting Height			Zone	Lumens	%Lamp	%Fixture			
65	480	247	165						Lengthwise		Crosswise	0-30	2352	27.0	36.1			
75	47	41	32	45	4289	4957	3072	30x30	8.5	10	8.5	10	0-40	3953	45.4	60.7		
85	8	8	7	55	3761	2380	1526	40x40	84	79	91	87	0-60	6147	70.7	94.5		
90	0	2	2	65	1890	973	650	60x30	86	83	92	89	0-90	6508	74.8	100.0		
				75	302	264	206	60x60	86	82	92	89						
				85	153	153	134	100x100	88	85	92	90						

Lamps = (3) F32 T8 @ 2850 lumens ea. Input Watts = 90.4 LER = 62.3 Test #00910 Ballast = Electronic Ballast Factor = .88 S/MH: 0° = 1.2; 90° = 1.5
Comparative yearly lighting energy cost per 1000 lumens = \$3.85 based on 3000 hrs. and \$.08 per KWH

DRAWINGS AND DIMENSIONS



2 Lamp or 4 Lamp Models