

RECESSED



MADE IN THE U.S.A.

**FPA530/540 SERIES
3X3 & 4X4**

- Premium Grade Trim Flange Parabolic
- One Piece Welded Trim Flange Painted After Fabrication
- Full 3" Deep Parabolic Louver
- Semi-Specular Low Iridescent Aluminum
- T-Hinge and Spring Loaded Latch

PHOTOMETRIC DATA

TEST ITEM=FPA530-6-3R-S36

TEST NO.=LA-T0582

LAMP TYPE=FO25/735

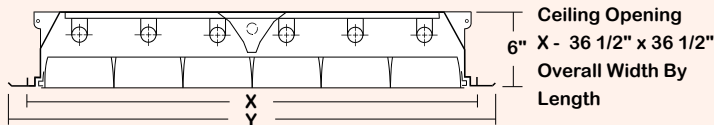
NO. OF LAMP=6

LUMENS PER LAMPS=2025

WATTS PER LAMP=25

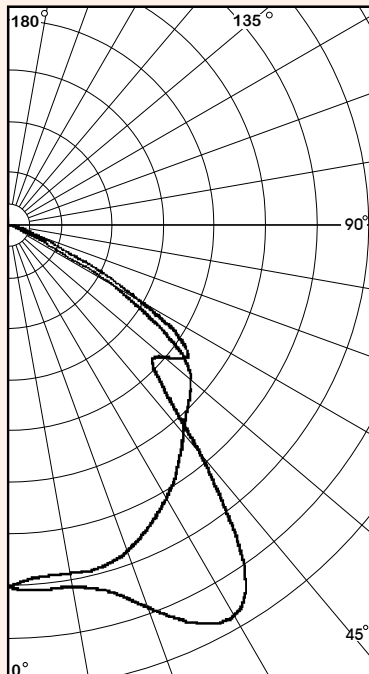
BALLAST FACTOR=1

PHOTOMETRY TYPE=C



ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	2777	22.9	32.7
0-40	4850	39.9	57.2
0-60	8154	67.1	96.1
0-90	8484	69.8	100.0
90-120	0	0.0	0
90-130	0	0.0	0
90-150	0	0.0	0
90-180	0	0.0	0
0-180	8484	69.8	100.0

Total Luminaire Optical Efficiency = 69.8%



CANDLEPOWER				
Angle	End	45	Cross	
0	3195	3195	3195	
5	3121	3203	3232	
15	3133	3260	3338	
25	2946	3301	3866	
35	2616	3483	3615	
45	2250	2498	1811	
55	1740	1616	1939	
65	214	343	426	
75	1	1	1	
85	0	0	0	
90	0	0	0	
95	0	0	0	
105	0	0	0	
115	0	0	0	
125	0	0	0	
135	0	0	0	
145	0	0	0	
155	0	0	0	
165	0	0	0	
175	0	0	0	
180	0	0	0	

LUMINAIRE SPACING CRITERION	
ALONG	ACROSS
1.28	1.52

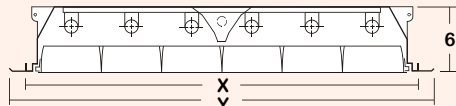
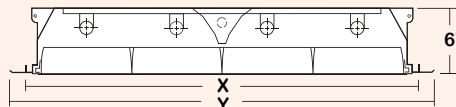
COEFFICIENT OF UTILIZATION													
pfc	RCR												
	20	70			50			30			10	0	
pcc	80	70	50	30	10	0							
pw	70	50	30	70	50	30	50	30	50	30	50	30	0
0	83	83	83	81	81	81	77	77	74	74	71	71	69
1	77	75	72	75	73	71	70	69	68	66	65	64	62
2	71	67	63	70	66	62	63	60	61	59	59	57	54
3	66	60	55	64	59	54	57	53	55	52	53	50	47
4	61	53	48	59	53	48	51	47	49	46	48	45	41
5	56	48	42	55	47	42	46	41	45	41	43	40	36
6	52	43	38	51	43	37	42	37	40	36	39	36	31
7	48	39	34	47	39	33	38	33	37	32	36	32	28
8	45	36	30	44	35	30	34	30	34	29	33	29	25
9	42	33	27	41	32	27	32	27	31	27	30	26	22
10	39	30	25	38	30	25	29	25	29	24	28	24	20

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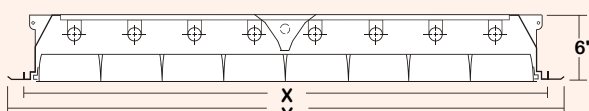
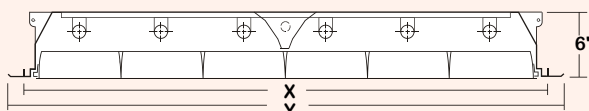
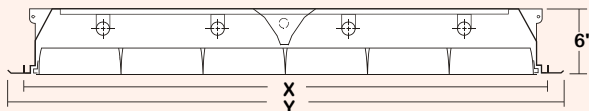


**FPA530/540 SERIES
3X3 & 4X4**

CROSS SECTION



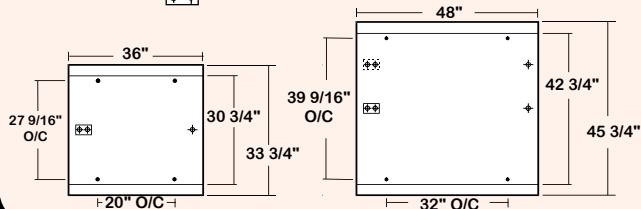
Ceiling Opening Overall Width By Length
X - 36 1/2" x 36 1/2"
Y - 38" x 38"



Ceiling Opening Overall Width By Length
X - 48 1/2" x 48 1/2"
Y - 50" x 50"

BACKPLATE

- 3/8" K.O. ACCESS PLATE
- 7/8" OFFSET K.O.



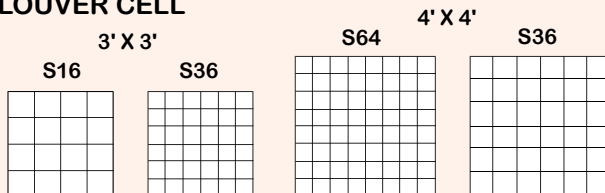
CATALOG NUMBER

CATALOG NUMBER	NOMINAL WIDTH X LENGTH	TOTAL LAMPS
FPA530-4-3M-S16	3' X 3'	4
FPA530-6-3M-S36*	3' X 3'	6
FPA540-4-4M-S36	4' X 4'	4
FPA540-6-4M-S36*	4' X 4'	6
FPA540-8-4M-S64*	4' X 4'	8
FPA530-4-3R-S16	3' X 3'	4
FPA530-6-3R-S36	3' X 3'	6
FPA540-4-4R-S36	4' X 4'	4
FPA540-6-4R-S36	4' X 4'	6
FPA540-8-4R-S64	4' X 4'	8

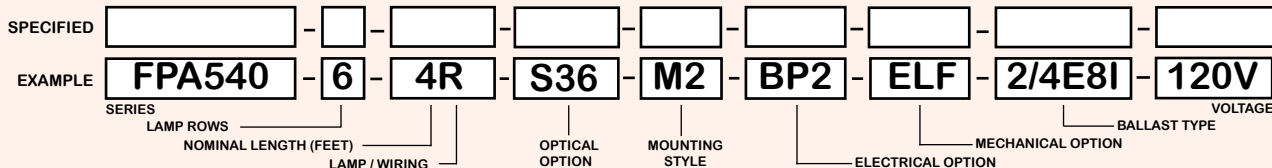
Note: To Denote Specular Aluminum Cover Add "SR" To Beginning Of Catalog Number.

* Not For Installed In A Close Box Ceiling Structure.

LOUVER CELL



ORDERING GUIDE



NOTE: LAMP/WIRING* M= Miniature Bi-Pin T5 R= Medium Bi-Pin T8

OPTIONS and ACCESSORIES

● BALLAST OPTIONS	SUFFIX	● ELECTRICAL OPTIONS	SUFFIX	● MECHANICAL OPTIONS	SUFFIX
Electronic Ballasts T5	E5	Emergency Battery Pack	*	Damp Location	DL
Electronic Ballasts T5HO	E5H	External Line Fusing (HLR/GLR)	ELF	Heat Exchange	HE
Electronic Dimming T5HO Ballast	E5HDM	Radio Interference Filters	RIF	Hanger Yoke (3X3)	HS-36 1/2
Electronic Ballasts T8	*	Night Light (Fluor. 7W or 9W)	NL9	Hanger Yoke (4X4)	HS-48 1/2
Electronic Ballasts T12	*	● OPTICAL OPTIONS	SUFFIX	● MOUNTING STYLES	SUFFIX
Electronic Dimming Ballast	EDM	Semi-Specular Low Iridescent	S	Trim Flange / No Mtg. Hardware	M2
Digital Addressable Ballast	DAB	- Silver Finish		Trim Flange W/ Hanger Yokes	M2A
		Stippled Clear Acrylic Overlay	CLO	Trim Flange W/ Swing Out Jack	M2C

*See Appropriate Reference Page

SPECIFICATIONS

MADE IN THE U.S.A.

- **TYPE** Recessed mounted luminaire specifically designed to accommodate deep cell aluminum parabolic louvers and other diffusing media requiring the depth that this housing affords.
- **DIFFUSING MEDIA** Deep cell aluminum parabolic louvers 3" min. depth. Available in semi-specular low iridescent silver finish (S) standard. Other finishes or diffusing media as specified.
- **CONSTRUCTION** 22 ga. cold rolled steel housing. (20 ga. housing available as specified)
- **FINISH** Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)
- **WIRING** 120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified.
- **LABELS** U.L. Listed. Compatible with UL Fire-Rated Ceiling Assemblies.

