METALUX[®]

SPECIFICATION FEATURES

The Paralux III Series features recessed aesthetics and the latest in energy efficient technology. The luminaire incorporates a true 3" deep precision cell louver into a nominal 5-1/2" deep para-contoured fixture housing. This combination creates a total high performance parabolic optical assembly for optimum performance. The series is compatible with all of today's popular ceiling systems and is available with a number of options and accessories for application versatility.

APPLICATION

The high performance luminaire is designed to offer maximum efficiency and performance for today's unique interior specifications. The Paralux III series is an excellent choice for commercial office spaces, schools, hospitals or retail merchandising areas.

A...Construction

Nominal 5-1/2" deep, para-contoured housing, die formed of code gauge, prime cold rolled steel. Die embossed housing has full length die formed stiffeners for added strength. Deep "V" ballast/wireway cover is easily removed without tools. Die formed captive lampholder bracket fully encloses lampholder wiring permitting easy lampholder replacement. Heavy end plates are securely attached with interlocking tabs and screws. Four auxiliary fixture end suspension points provided. KOs for continuous row wiring. End plates have integral Grid-Lock feature for safety and convenience. Housing features enable fixture to be converted from Grid to T-option or vice versa in the field.*

B...Electrical**

Ballasts are CBM/ETL Class "P" and are positively secured by mounting bolts. Pressure lock lampholders. UL listed. Add "CAN" prefix to catalog number for CSA certification.

C...Finish

Lighting grade, baked white enamel finish. Multistage, iron phosphate pretreatment ensures maximum bonding and rust inhibition.

D...Hinging/Latching

Positive cam action spring loaded, self locking, black steel latches. Safety lock T-hinges allow hinging and latching either side.

E...Louver

Die formed of low iridescent, vertical grain anodized aluminum. Finish is Anodic oxide coating. Accurate precision parabolic cells are held in place with interlocking feature. Truecut mitered corners. Black reveal with integral mechanical light seal around entire perimeter of louver. Louver protected from construction contaminants by polyethylene cover.



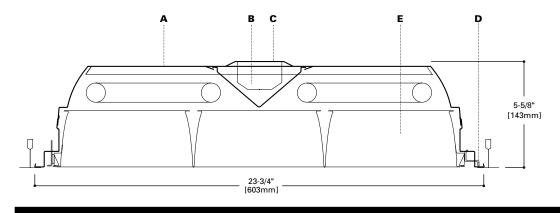
2EP3GAX2U6 2U6T8

9 Cell

2' X 2' PARABOLIC 2 U-LAMP SEMI-SPECULAR OR SPECULAR LOUVER

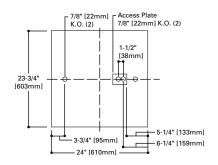
Paralux III Recessed Static or Air Supply Troffer

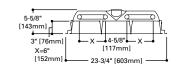




MOUNTING DATA

LAMP CONFIGURATIONS





CEILING COMPATIBILITY

G Grid/Lay-in	T Concealed T	T Slot Grid	F Flange Trim	MZ Modular Trim	Ceiling Type	Trim Type
Standard			With Supporting Swing Gates	With Supporting Swing Gates	Exposed Grid Concealed T	G G or T
			Swillig dates	- Males	Slot Grid	G or T
		/	州 /*		Flange	F MZ
r	v7	V -		- r u r	Concealed Spline Metal Pan	MZ
					(Verify compatibilit Pre Sales Technica	
	Optional "TK" Trim Kit					

COOPER LIGHTING

ENERGY DATA

Input Watts: EB Ballast & STD Lamps 2U6 (72) 2U6T8 (61)

ES Ballast & STD Lamps 2U6 (86) 2U6T8 (71)

Luminaire Efficacy Rating
LER = FP-49
Catalog Number: 2EP3GAX-2U6T8

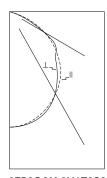
Yearly Cost of 1000 lumens, 3000 hrs at .08 KWH = \$4.90

*Convertibility applies to housing only. Appropriate shielding media assemblies must be utilized.

**Reference the lamp/ballast data in the Technical Section for specific lamp/ballast requirements.



PHOTOMETRICS



2EP3GAX-2U6T8S33I Electronic Ballast FB31T8/35K/6 lamps

FB31T8/35K/6 lamp 2600 Lumens

Spacing criterion: (II) 1.2 x mounting height, (⊥) 1.2 x mounting height Efficiency 60.6%

Test Report #ITL48345

LER = FP-49

Yearly Cost of 1000 lumens, 3000 hrs at .08 KWH = \$4.90

Coefficients of Utilization

	Effe	ctive	flo	or cav	ity ref	lecta	nce		20)%								
rc		80	%			70)%			50%	5		30%	5		10%		0%
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	72	72	72	72	70	70	70	70	67	67	67	64	64	64	62	62	62	61
1	67	65	63	61	66	64	62	60	61	59	58	59	57	56	57	56	55	53
2	62	58	54	51	60	57	53	51	55	52	50	53	50	48	51	49	47	46
3	57	51	47	44	56	50	46	43	49	45	42	47	44	42	46	43	41	40
4	52	46	41	38	51	45	41	37	44	40	37	42	39	36	41	38	36	35
5	48	41	36	33	47	41	36	32	39	35	32	38	35	32	37	34	31	30
6	45	37	32	29	44	37	32	29	36	31	28	35	31	28	34	30	28	27
7	42	34	29	25	41	33	29	25	33	28	25	32	28	25	31	27	25	24
8	39	31	26	23	38	31	26	23	30	26	23	29	25	22	28	25	22	21
9	36	28	24	21	35	28	24	20	27	23	20	27	23	20	26	23	20	19
10	34	26	22	19	33	26	22	19	25	21	19	25	21	18	24	21	18	17

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	1036	19.9	32.9
0-40	1659	31.9	52.7
0-60	2898	55.7	92.0
0-90	3150	60.6	100.0
0-180	3150	60.6	100.0

Typical VCP Percentages

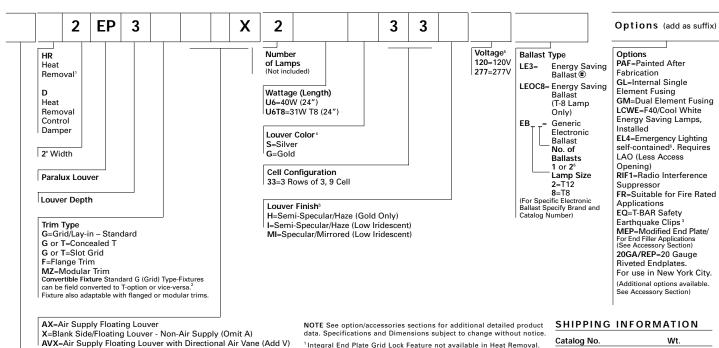
	Heigh	t Along	Height		
Room Size (Ft.)	8.5′	10.0'	8.5'	10.0'	
20 x 20	75	69	73	68	
30 x 30	82	77	81	75	
30 x 60	85	81	84	80	
60 x 30	85	80	83	79	
60 x 60	87	84	85	83	

Candela

Angle	Along II	45°	Across ⊥
0	1354	1354	1354
5	1341	1347	1350
10	1313	1329	1341
15	1277	1299	1314
20	1228	1249	1256
25	1170	1177	1178
30	1101	1094	1073
35	1023	986	974
40	935	870	947
45	835	774	975
50	722	722	950
55	597	655	798
60	429	492	541
65	203	237	173
70	58	59	48
75	18	19	21
80	7	7	9
85	2	2	2
90	0	0	0

ORDERING INFORMATION

SAMPLE NUMBER: 2EP3GAX-2U6T8S33I



Catalog No.	Wt.
2EP3GAX-2U6T8S33I	28 lbs.

- Integral End Plate Grid Lock Feature not available in Heat Removal. ² Convertibility applies to housing only, appropriate shielding media assemblies must be utilized.
- ³EQ Grid Clip is recommended for all 9/16" ceiling systems
- ⁴White Parabolic Louver available.
- ⁵ Consult Pre Sales Technical Support.
- ⁶ Two ballast requires LAO (less access opening).



CAN=Add "CAN" prefix for CSA certification.