

EATON - METALUX® AP SERIES

DESCRIPTION - CONTOURED MODEL

CWPLD series is a versatile contoured LED wraparound series that displays uniform, soft light at up to 50% energy savings over fluorescent light sources. This fixture has all of the commercial features contractors expect in a Metalux product, including Universal Voltage, 0-10 Volt dimming electronics and quick row or suspension mount capability. Patent pending easy mounting channel reduces installation time when row mounting fixtures together. Premium optical control, including linear prisms, gives even light distribution, minimizing the number of fixtures required to light a space.

These features make the CWPLD series an ideal choice for stores, offices, hallways, or other commercial applications.

Catalog #		Type	
Project		Date	
Comments			
Prepared by			

SPECIFICATION FEATURES - CONTOURED MODEL

Construction

Housing consists of cold rolled steel with embosses for extra rigidity. Post-fab painted with reflective, baked-on white enamel using pretreated metal to ensure maximum adhesion. End caps formed from a high-impact polymer plastic for finished aesthetic. Frosted white lens with linear prisms provides soft, uniform, glare-free light output.

Installation

Easy mounting channel reduces installation time when row mounting fixtures together. Lens and LEDs are factory preinstalled and do not need to be removed during installation. Suitable for single surface, row mounting, or suspension mount applications.

Electrical

Long-Life integrated LED and driver electrical system optimized to deliver superior performance and efficacy of 92 LPW. Clean, bright white 4000K Color Temp LED's with 84 CRI for accurate color rendering. The CWPLD series offers 0-10V dimming of the fixture from 10-100%. Optics deliver controlled light output up to 4200 lumens; comparable to a 2 LFL lamp wraparound.

Reliability

Five year comprehensive fixture warranty. LED's projected life of 50,000 hours at 70% lumen output.

Qualifications

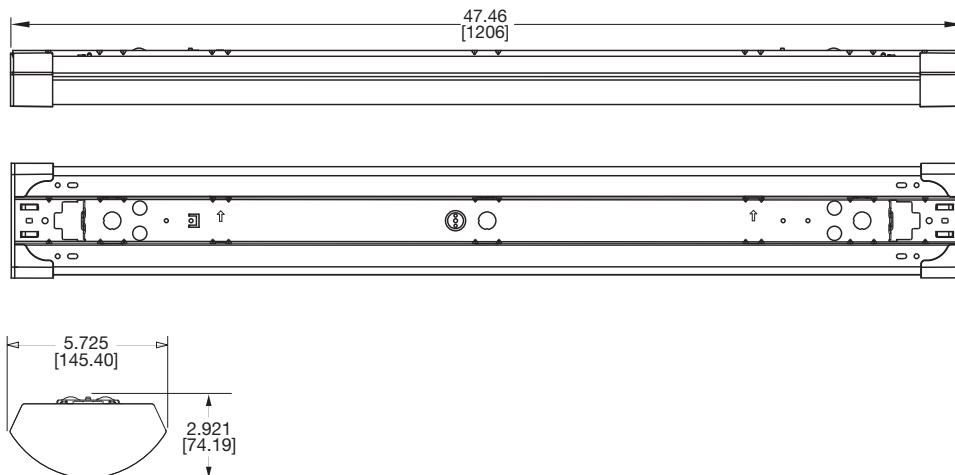
cULus 1598 listed for damp locations. DLC Qualified. Meets FCC part 15 class B requirements. Complies with IESNA LM-79 test standards. RoHS compliant.



CWPLD

Contoured Model
LED Wraparound

DIMENSION - CONTOURED MODEL



4 ft. Dimensions

Catalog Number	Product Description	Unit UPC
4CWPLD4040C	4' LED Contoured Wraparound, 4200 lumen, 4000K UNV	080083749676



ACCESSORIES (ORDER SEPARATELY)

AYC-CHAIN/SET = 36 in. Hanging Chain Set w/V Hooks

4CWPLDLNS = 4 ft. Replacement Lens

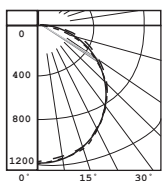
ORDERING INFORMATION

WPLD Standard Series Catalog Number	Lumen	Input Watt	Efficacy (LPW)	CRI	Color Temp K	Controls	Dimming Compatibility	Start Temp/Op Temp	LED Lumen Maint	Installation	Compliance & Qualifications
4CWPLD4040C	4,200	45	92	84	4000K	UNV 0-10V Dimming to 10%	0-10V eaton.com/lighting/resources/library/literature *see Full Link below	-20 C/45C	L70 @ 50,000 hrs	Surface, Wall, Suspend, row	DLC, cULus damp locations

*0-10V Dimming Link:

http://www.cooperindustries.com/content/dam/public/lighting/products/documents/metalux/technical_information/METALUXLED-AP-SERIES-ContrCompat-WP502001EN-tis.pdf

PHOTOMETRICS



4CWPLD4040C
 Electronic Driver
 4000 lumens
 Spacing criterion:
 (||) 1.2 x mounting height,
 (⊥) 1.2 x mounting height
 Efficiency 87.0%
 Test Report: P26819

Candela

Angle	Along ll	45°	Across ⊥
0	1175	1175	1175
5	1183	1168	1167
10	1164	1150	1154
15	1032	1121	1125
20	1090	1081	1087
25	1038	1029	1036
30	976	971	979
35	907	903	912
40	833	832	841
45	755	755	764
50	673	673	682
55	586	588	596
60	498	498	508
65	404	404	419
70	306	308	328
75	203	214	241
80	110	127	162
85	37	58	98
90	1	18	51

Coefficients of Utilization

rc	Effective floor cavity reflectance																						
	80%				70%				50%				30%				10%				0%		
r _w	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	
R _{CR}	0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	101	101	101	99			
1	108	103	98	94	105	100	96	93	96	93	90	92	89	87	88	86	84	82					
2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	73	70	68					
3	89	78	70	63	87	77	69	63	74	67	61	71	65	60	68	63	59	57					
4	82	69	60	53	79	68	60	53	65	58	52	63	56	51	60	55	51	48					
5	75	62	53	46	73	61	52	46	58	51	45	56	50	44	54	49	44	42					
6	69	56	47	40	67	55	46	40	53	45	39	51	44	39	49	43	39	36					
7	64	50	42	35	62	50	41	35	48	40	35	46	40	35	45	39	34	32					
8	60	46	37	32	58	45	37	31	44	36	31	43	36	31	41	35	31	29					
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26					
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	35	29	25	23					

Zonal Lumen Summary

Zone	Lumens	% Fixture
0-30	905	26.5
0-40	1474	43.2
0-60	2598	76.2
0-90	3376	99.0
90-120	33	1.0



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Specifications and dimensions subject to change without notice.