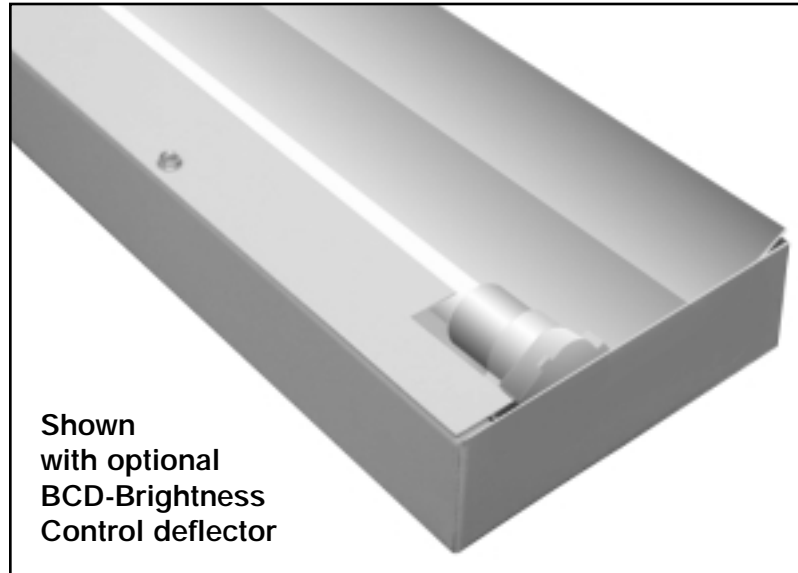


### APPLICATIONS

The COVE LITE series of concealed perimeter cove units offer an unprecedented range of lighting design and installation choices. A simple, highly efficient design offering a small cross-section. Four lamp types. Several lumen output choices. Extremely shallow angle forward beam throw. Housing length choices of 2-, 3-, 4-, 5-, 6-, and 8-feet.



### SPECIFICATIONS

**CONSTRUCTION:** Die formed of 20 gauge cold rolled prime steel, rigidly fabricated, and electrically welded to insure true and perfect alignment.

**REFLECTOR:** CAD/CAM designed and formed of code gauge steel to optically correct contour to provide precise light distribution with maximum efficiency, and glare control, removable to access wiring and can be provided with optional removable Brightness Control Deflector to minimize socket shadow.

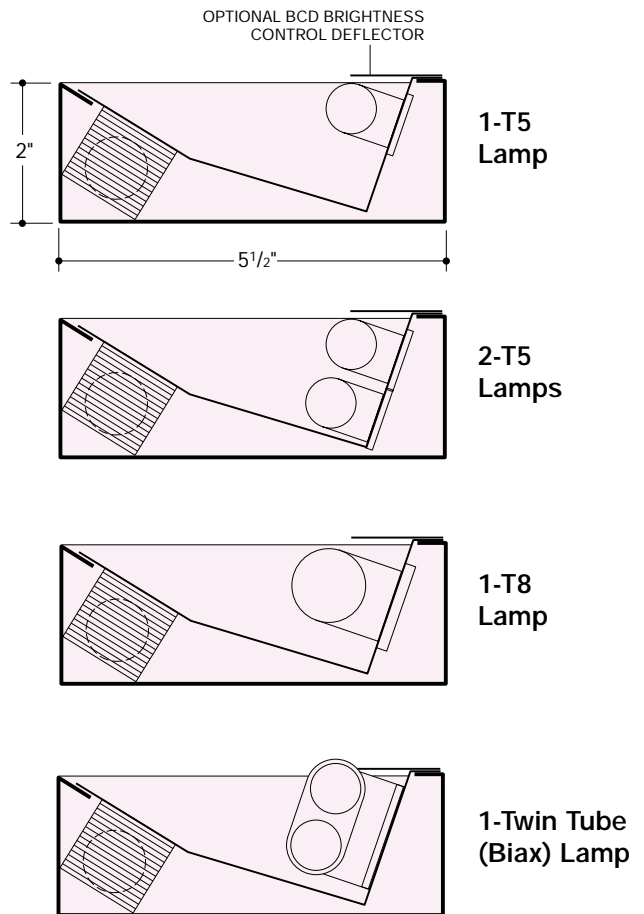
**MOUNTING:** For mounting in concealed architectural coves with space limitations. Indirect perimeter lighting. For continuous mounting, end knockouts may be removed and units joined together. Adequate knockouts and holes are provided for mounting and feeds.

**ELECTRICAL:** Ballast, Twin-Tube (BIAX) Electronic, low profile, high power factor, thermally protected Class P, Sound Rated A. T8 has <10% total harmonic distortion (THD) or less. T5 has <10% total harmonic distortion (THD) or less and end-of-life sensing. For 118 volt 60 Hz operation. Other voltages and frequencies available, CONSULT FACTORY. The minimum number of ballasts will be used in runs unless specified otherwise.

**FINISH:** All steel component parts are completely protected against rust and discoloration after fabrication through an automated conveyorized multi-stage phosphate bonding process. Finished with an electrostatic baked matte white polyester thermosetting powder coating. This electronic computer controlled integrated system assures consistent 88%+ reflectance efficiency and maximum durability.

**CERTIFICATION:** The Cove Lite Series 205 is U.L. and C.U.L. listed and bears the label of the I.B.E.W./AFL-CIO, Local #3.

LEGION® is a registered trademark of LEGION LIGHTING CO., INC.



ORDERING DATA

	Catalog No.	No. and Type Lamps	Lengths		Wt.	
			Nom.	Actual		
1 Lamp T5 Metric	205-114	1-F14T5	2ft.	22 <sup>3</sup> / <sub>8</sub> "	568mm	5
	205-124HO	1-F24HOT5				
	205-121	1-F21T5	3ft.	34 <sup>1</sup> / <sub>4</sub> "	870mm	7
	205-139HO	1-F39HOT5				
	205-128	1-F28T5	4ft.	46"	1168mm	10
	205-154HO	1-F54HOT5				
	205-135	1-F35T5	5ft.	57 <sup>7</sup> / <sub>8</sub> "	1470mm	12
	205-180HO	1-F80HOT5				
	205-121-6T	2-F21T5	6ft.	68 <sup>1</sup> / <sub>2</sub> "	1740mm	15
	205-139HO-6T	2-F39HOT5				
205-128-8T	2-F28T5	8ft.	92"	2336mm	20	
205-154HO	2-F54HOT5					
2 Lamp T5 Metric	205-214	2-F14T5	2ft.	22 <sup>3</sup> / <sub>8</sub> "	568mm	5
	205-224HO	2-F24HOT5				
	205-221	2-F21T5	3ft.	34 <sup>1</sup> / <sub>4</sub> "	870mm	7
	205-239HO	2-F39HOT5				
	205-228	2-F28T5	4ft.	46"	1168mm	10
	205-254HO	2-F54HOT5				
	205-235	2-F35T5	5ft.	57 <sup>7</sup> / <sub>8</sub> "	1470mm	12
	205-280HO	2-F80HOT5				
	205-221-6T	4-F21T5	6ft.	68 <sup>1</sup> / <sub>2</sub> "	1740mm	15
	205-239HO-6T	4-F39HOT5				
205-228-8T	4-F28T5	8ft.	92"	2336mm	20	
205-254HO	4-F54HOT5					
1 Lamp T8	205-117 EBO	1-FO17-OCT	2ft.	24"		6
	205-125 EBO	1-FO25-OCT	3ft.	36"		9
	205-132 EBO	1-FO32-OCT	4ft.	48"		12
	205-140 EBO	1-FO40-OCT	5ft.	60"		15
	205-125-6T EBO	2-FO25-OCT	6ft.	72"		18
	205-132-8T EBO	2-FO32-OCT	8ft.	96"		24
1 Lamp Biax	205-1BX40 EBX	1-F40TT/RS	2ft.	24"		6
	205-1BX50 EBX	1-F50TT/RS				
	205-2BX39 EBX	2-F39TT/RS	3ft.	36"		9
	205-2BX40 EBX	2-F40TT/RS	4ft.	48"		12
	205-2BX50 EBX	2-F50TT/RS				
	205-3BX40 EBX	3-F40TT/RS	6ft.	72"		18
	205-3BX50 EBX	3-F50TT/RS				
	205-4BX40 EBX	4-F40TT/RS	8ft.	96"		24
205-4BX50 EBX	4-F50TT/RS					

OPTIONS

T5/T8

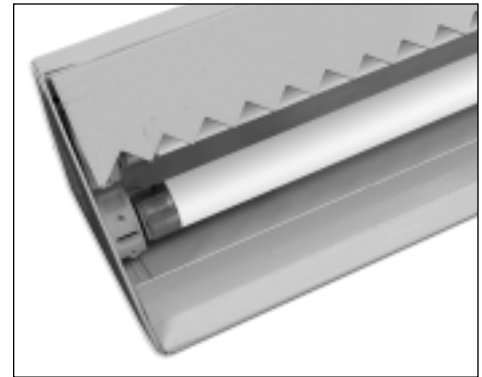
- Suffix "DIM" after catalog no. for dimming ballast.
- Suffix "LT" after catalog no. for cold weather ballast.
- Suffix "DL" after catalog no. for damp location.
- Suffix "BCD" after catalog no. for brightness control deflector
- Suffix "STB" after catalog no. for saw tooth brightness dispersion baffle.
- Suffix "EM" after catalog no. for emergency battery pack, see price list for types and consult factory.

BIAX/Twin Tube

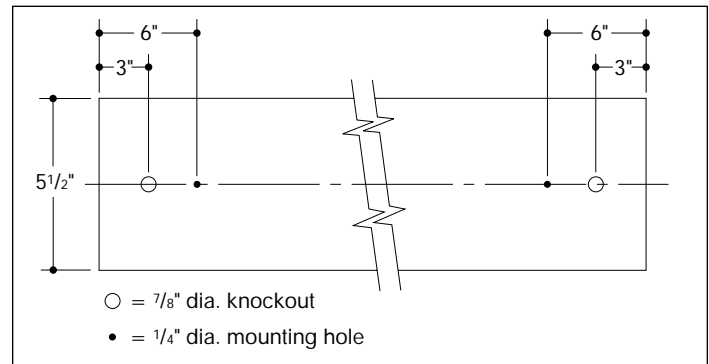
Same as T5/T8 plus:  
Suffix "EBDX" after catalog no. for Electronic (BIAX) Twin Tube Dimming Ballast.

- Battery pack mounted remote in separate box.

Optional STB - Saw Tooth brightness dispersion baffle.



BACK PLAN



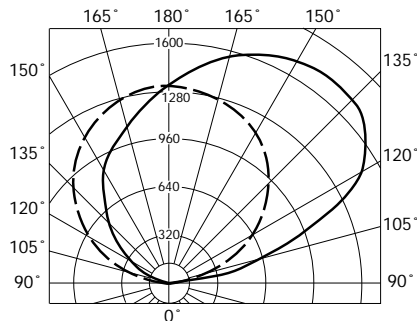
PHOTOMETRIC DATA

Cat. No. 205-228

Lamps: (2) Philips TL5 28W  
rated 2900 Lumens each

Total Luminaire Efficiency = 78.8%

Zone	Lumens	% Lamp	% Fixt.
0-90	0	0.0	0.0
90-120	1161	20.0	25.4
90-130	1967	33.9	43.1
90-150	3507	60.5	76.8
90-180	4568	78.8	100.0
0-180	4568	78.8	100.0



Coefficients of Utilization - Zonal Cavity Method

Floor	20%											
	80%		70%		50%		70%		50%			
Ceiling	80%	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%
Walls	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	09
0	75	75	75	75	64	64	64	64	44	44	44	
1	68	65	62	60	58	56	53	51	38	37	36	
2	62	57	52	49	53	49	45	42	33	31	29	
3	56	50	44	40	48	43	38	35	29	27	25	
4	55	44	38	34	44	38	33	29	26	23	21	
5	47	39	33	29	40	33	29	25	23	20	18	
6	43	35	29	25	37	30	25	21	20	17	15	
7	40	31	25	21	34	27	22	18	18	15	13	
8	37	28	22	18	31	24	19	16	17	14	11	
9	34	25	20	16	29	22	17	14	15	12	10	
10	32	23	18	14	27	20	15	12	14	11	09	