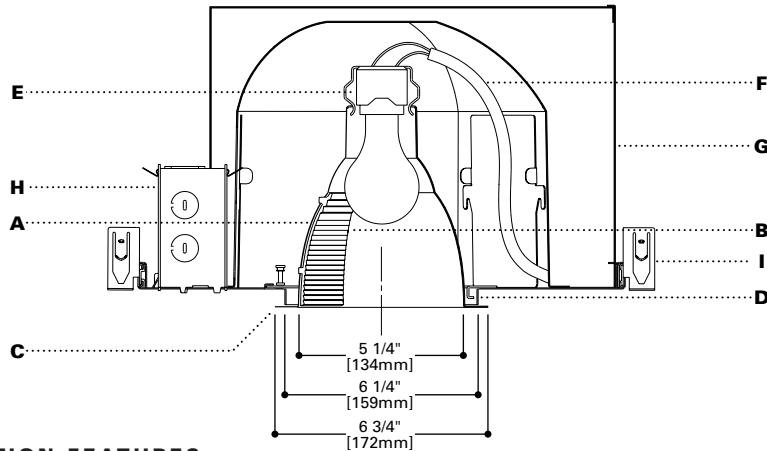


DESCRIPTION

Specification grade A lamp fixture rated for direct contact with insulation. The stepped kicker reflector maximizes light towards the wall for smooth, pattern free illumination. Cutoff to

lamp and lamp image is 50°. **Lamp module and optical element can be changed after installation to provide a variety of lamp sources and distributions. e.g. into a PAR36 adjustable**



SPECIFICATION FEATURES

A...Reflector

.040 thick aluminum spun parabolic reflector in Clear, Gold, Haze, Warm Haze, Black Alzak® finish, painted gloss white or matte white. Special cone colors listed below.

B...Kicker

Injection molded, vacuum metalized stepped optics with hardcoat finish is specular clear. Available in single (120°), double ((2)120° @ 180° apart for corridors), corner (240° for inside corners), and half (60° for outside corners or doors) wall wash versions.

C...Flange

Self flange reflector or die-cast flange with either matte white or clear coat finish. Die-cast flanges are easily removed for field painting. Elements are keyed for proper insertion.

D...Attachment

Positive torsion springs pull flange tight to ceiling. Mechanical light trap eliminates spill light at edge of flange or reflector.

E...Socket

Nickel plated porcelain socket. Fixed socket height ensures consistent lamp position.

F...Electrical

Keyed quick connect provides easy lamp module installation.

G...Frame/Housing

Hot dipped galvanized 20 gauge steel frame with built in 1/2 inch plaster lip. Gunsights allow for consistent alignment. Aluminum .032 thick housing allows for heat dissipation and reduces weight.

H...Junction Box

18 cubic inches, listed for 4#12 AWG or 6#14 AWG 90° C additional feed through conductors, has six 1/2 inch pryouts.

I...Bar Hangers

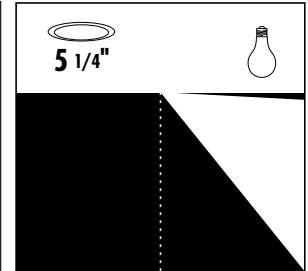
No Flex® bar hangers with positive locking, for use with wood, engineered wood and steel frame joists spaced up to 24" O.C. ship with platform. For use in T-bar ceilings order accessory MBCLP. Nailless barb and locator lip provide consistent installation height.

J...Codes

Thermally protected, IP labeled, for use in direct contact with insulation. Meets Washington State Air tight requirements, 1995 CABO Model Energy Code.

K...Labels

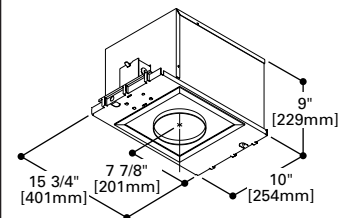
UL and cUL listed, standard damp label, IBEW union made.



P5
M120
E5A19WW

100W A19
100W BT15
100W MB19

5" WALL WASH
DOWNLIGHT



ORDERING INFORMATION

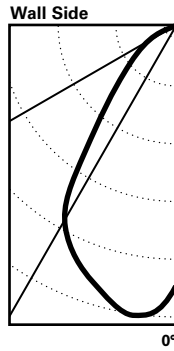
Complete unit consists of a platform, module and element

Platform	Lamp Module	Optical Element	Finish	Flange	Accessories
P5					
P5 = 5" Airtight IC Rated Housing	M120 = 120V Medium Base Socket	E5A19WW = Wall Wash E5A19DWW = Double Wall Wash E5A19CWW = Corner Wall Wash E5A19HWW = Half Wall Wash	Standard C=Clear H=Haze G=Gold WMH=Warm Haze W=Gloss White MW= Matte White B= Black Custom K=Cognac KH=Cognac Haze CC=Chocolate	Custom Cont. CCH=Chocolate Haze BU=Blush BUH=Blush Haze GP=Graphite GPH=Graphite Haze PN=Pine PNH=Pine Haze SK=Sky SKH=Sky Haze	Blank= Matte White Die-Cast SF=Self Flange RAW= Natural Die-Cast SFWF= Self Flange Painted White MBCLP = 40 Push On T Bar Clips (for 10 Units) PLE5 = Plaster Lip Extension for Max 2" Thick Ceiling FMC5 = Flush Mount Collar

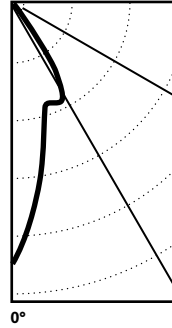
PHOTOMETRICS

P5-M120-E5A19WWC

Test No. H36066
 Lamp: 100A19/IF
 Lumens: 1720
 Cutoff: 50°
 Spacing: 1.2
 Efficiency: 68.4%
 Unit LPW: 11.8

**Candelas**

CD Wall	Vertical Angle	CD Downlight
0	90	0
7	85	0
33	75	0
76	65	0
118	55	0
233	45	145
404	35	508
544	25	795
678	15	867
968	5	1144
1118	0	1118

Downlight Side**Luminance**

Degree	cd/m ² @ 180°
85°	0
75°	0
65°	0
55°	0
45°	14677

Single Fixture**2' Distance from Wall**

DD	1'	2'	3'	4'
1	14	10	4	1
2	21	14	5	2
3	18	14	8	2
4	12	10	7	4
5	7	7	5	4
6	5	5	4	3
7	3	3	3	3
8	2	2	2	2
9	2	2	2	1
10	1	1	1	1

2'0" Distance from Wall

	24" O.C.				32" O.C.			
DD								
1	23	21	23		18	15	18	
2	32	30	32		30	26	30	
3	34	32	34		33	26	33	
4	27	28	27		26	26	26	
5	20	22	20		18	18	18	
6	15	16	15		13	13	13	
7	11	11	11		10	10	10	
8	8	8	8		8	8	8	
9	6	6	6		5	5	5	
10	5	5	5		4	4	4	

2'6" Distance from Wall

	24" O.C.				32" O.C.			
DD								
1	11	11	11		11	10	11	
2	22	22	22		18	15	18	
3	25	22	25		20	19	20	
4	25	26	25		20	19	20	
5	22	22	22		17	17	17	
6	18	18	18		13	14	13	
7	14	14	14		10	11	10	
8	9	9	9		8	9	8	
9	7	7	7		7	7	7	
10	6	6	6		5	5	5	

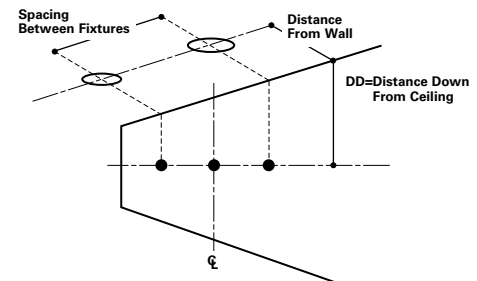
Notes and Formulas:

- Illuminance values for multiple fixtures are based upon the center two units of a four unit array. Footcandle values are centerline of fixtures and centered between fixtures.
- Illuminance values are cosine corrected initial values with no contribution from inter reflections from other room surfaces. Total illumination may increase from contributions from other surfaces.
- DD=Distance Down from Ceiling.
- Changing fixture spacing will affect illuminance level.

$$\text{New Fc} = \frac{\text{Existing Spacing}}{\text{New Spacing}} \times \text{Average Table Fc Level}$$

- When selecting colored cones option, only downlight cone is colored; the wall wash reflector is specular clear. This allows the color (CRI, °K) of the light source to be unaffected and maximizes lumen output.

For optimal wall washing, space fixtures no more than 1.5 times the distance from the wall.



Note: Specifications and Dimensions subject to change without notice.

Visit our web site at www.cooperlighting.com