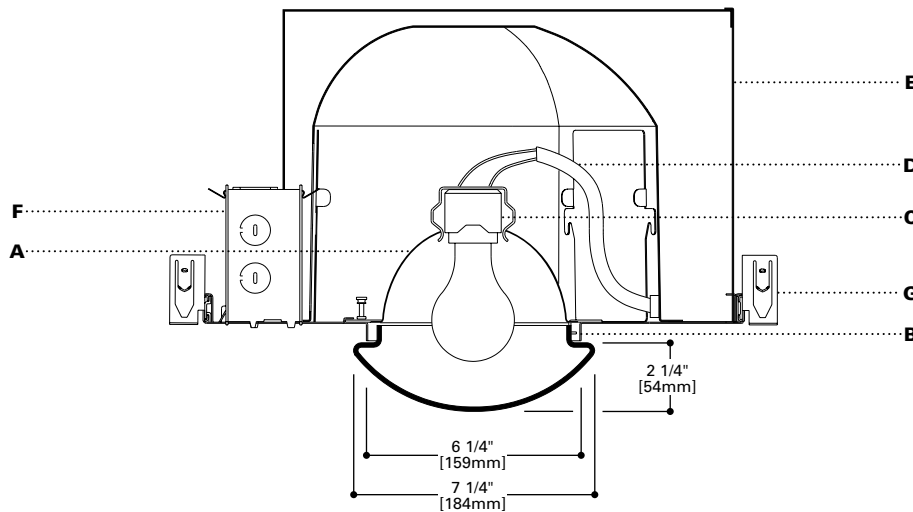


DESCRIPTION

Specification grade A lamp fixture rated for direct contact with insulation in wet locations and in closets where light is needed on upper shelves. Veined Italian dropped glass diffuser provides a soft smooth illumination pattern.

Lamp module and optical element can be changed after installation to provide a variety of lamp sources and distributions. e.g. in to a PAR36 adjustable

**SPECIFICATION FEATURES****A...Reflector/Lens**

.040 thick aluminum spun upper reflector with specular clear finish. Etched satin glass obscures lamp image.

B...Attachment

Positive torsion springs pull glass tight to ceiling. Gasket is a closed cell foam.

C...Socket

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

D...Electrical

Keyed quick connect provides easy lamp module installation.

E...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.

F...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.

G...Bar Hangers

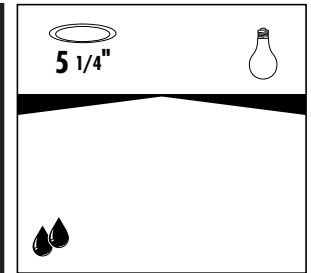
No Flex® bar hangers with positive locking, for use with wood, engineered wood and steel frame joists spaced up to 24" O.C. ship with platform. For use in T-bar ceilings order accessory MBCLP. Nailless barb and locator lip provide consistent installation height.

H...Codes

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

I...Labels

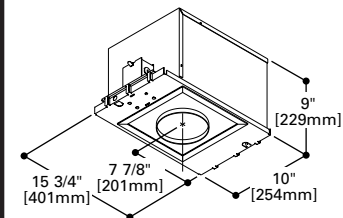
UL listed, CSA certified, standard wet label, IBEW union made.



**P5
M120
E5LUNA**

**100W A19
75W BT15
75W MB19**

**5" DROPPED LENS
SHOWERLIGHT**

**ORDERING INFORMATION**

Complete unit consists of a platform, module and element

Platform

P5

P5 = 5"
Airtight IC
Rated
Housing

Lamp Module

M120

M120 = 120V
Medium Base Socket

Optical Element

E5LUNA

E5LUNA = 5" Dropped
Lens Showerlight

Accessories

MBCLP = 40 Push On T Bar
Clips (for 10 Units)
PLE5 = Plaster Lip Extension
for Max 2" Thick Ceiling
FMC5 = Flush Mount Collar

PHOTOMETRICS

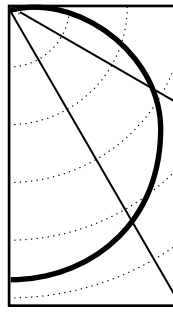
P5-M120-E5LUNA

Test No. H36074
 Lamp: 75A19/IF
 Lumens: 1180
 Spacing: 1.3
 Efficiency: 47.4%
 Unit LPW: 8.00

Candelas

Vertical Angle	CD
90	32
85	40
75	56
65	76
55	95
45	110
35	123
25	133
15	139
5	142
0	143

Distribution



Cone of Light

Distance to Illum. Plane	Initial Nadir Footcandles	Beam Diameter
4'6"	7	6'0"
5'6"	5	7'0"
6'6"	4	8'6"
8'0"	2	10'6"
10'0"	2	13'0"
12'0"	1	15'6"

Lamp Wattage Multiplier

100W x 1.47
 60W x 0.74

Single Fixture

2'0" Distance from Wall

DD	1'	2'	3'	4'
1	14	10	5	2
2	10	8	5	2
3	5	5	3	2
4	3	3	2	1
5	2	2	1	1
6	1	1	1	1
7	1	1	1	0
8	1	0	0	0
9	0	0	0	0
10	0	0	0	0

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Luminaire
0-30	167	9.7	20.5
0-40	279	16.2	34.2
0-60	526	30.6	64.5
0-90	786	45.7	96.4
90-180	29	1.7	3.6
0-180	815	47.4	100.0

Coefficient of Utilization

Ceiling Reflectance	80%				70%				50%				30%				0%
Wall Reflectance	70	50	30	10	50	10	50	10	50	10	50	10	50	10	50	10	0
Room Cavity Ratio																	
0	56	56	56	56	55	55	52	52	49	49	46						
1	50	47	45	43	46	42	44	40	41	39	36						
2	45	41	37	34	40	34	38	32	36	31	29						
3	41	36	31	28	35	28	33	27	31	26	24						
4	38	32	27	24	31	23	29	23	28	22	21						
5	34	28	23	20	27	20	26	19	25	19	18						
6	32	25	20	17	24	17	23	17	22	16	15						
7	29	22	18	15	22	15	21	14	20	14	13						
8	27	20	16	13	20	13	19	13	18	12	11						
9	25	18	14	11	18	11	17	11	16	11	10						
10	23	16	13	10	16	10	16	10	15	10	9						

Notes and Formulas:

Cone of Light:

- Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
- Footcandle values are initial. Apply appropriate light loss factors where necessary.

Wall Illumination:

- 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.

Note: Specifications and Dimensions subject to change without notice.

Visit our web site at www.cooperlighting.com