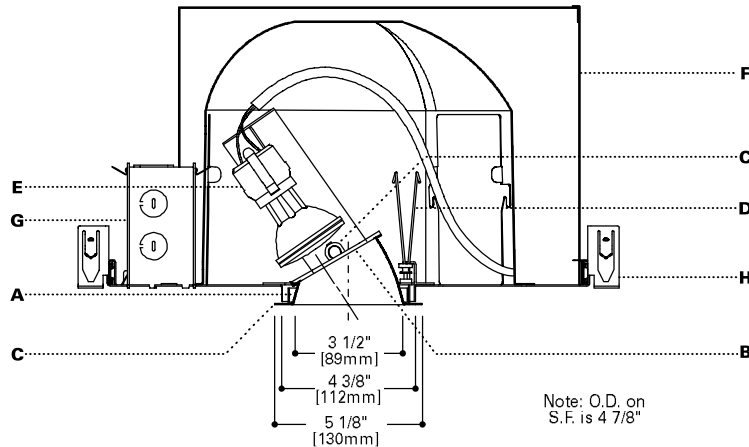


DESCRIPTION

Specification grade 50 watt PAR20 adjustable shower fixture rated for direct contact with insulation. Adjustment mechanism features hot aiming capability, aiming marks and toolless locking. Optics provide glare free 50° cutoff to lamp and

lamp image. Accommodates PAR20 and PAR16 lamps. **Optical element can be changed after installation to provide a variety of distributions. e.g. into a Downlight**



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...Lens

.125 thick tempered glass protects lamps from direct spray of water and is retained during relamping.

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...Adjustability

Lamp locks in 361° rotation, 35° tilt. Unit is relamped without unlocking adjustments. Translating centerbeam optics maximize light output.

E...Attachment

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

F...Socket

Nickel plated porcelain socket. Two position socket ensures consistent lamp position.

G...Frame/Housing

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

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

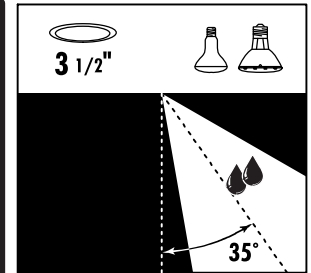
No Flex® bar hangers with positive locking, for use with joists spaced up to 24" O.C. ship with platform. For use in T-bar ceilings order accessory MBCLP. Nailless barb and locator lip provide consistent installation height.

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

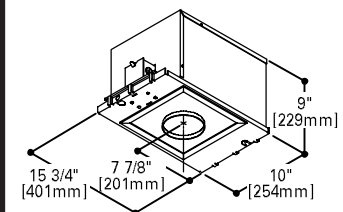
UL and cUL listed, standard wet label, IBEW union made.



**P3120
E3AASR**

**50 W PAR20
50 W R20**

**3" ADJUSTABLE
SHOWER**



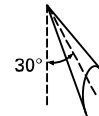
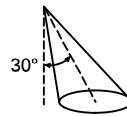
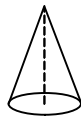
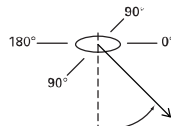
Ceiling Cutout
4 3/8" [112mm]

ORDERING INFORMATION

Complete unit consists of a platform and element

Platform	Optical Element	Finish	Flange	Accessories
P3120	E3AASR			
P3120 = 3" Airtight IC Rated Housing	E3AASR = PAR Adjustable Shower Accent 0° - 35°	Standard C=Clear H=Haze G=Gold WMH=Warm Haze W=Gloss White MW= Matte White B= Black Custom K=Cognac KH=Cognac Haze	Custom Cont. CC=Chocolate CCH=Chocolate Haze BU=Blush BUH=Blush Haze GP=Graphite GPH=Graphite Haze PN=Pine PNH=Pine Haze SK=Sky SKH=Sky Haze	Blank= 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) PLE3 = Plaster Lip Extension for Max 2" Thick Ceiling

PHOTOMETRICS



Lamp	Luminance cd/m ² @ Maximum Tilt			0° Aiming Angle Horizontal Footcandles					30° Aiming Angle Horizontal Footcandles					30° Aiming Angle Vertical Footcandles				
	Degree	@ 180°	@ 90°	D	FC	L	W		D	FC	L	W	CB	D	FC	L	W	CB
GE 50PAR20/H/SP10 Beam Spread: 10° CBCP: 6000	85°	1848	1848	6'	145	2.0	1.2		6'	89	2.8	2.4	3.5	2'	176	2.2	1.3	3.5
	75°	622	622	8'	82	2.6	1.6		8'	50	3.7	3.1	4.6	3'	78	3.4	1.9	5.2
	65°	381	381	10'	52	3.3	3.0		10'	32	4.6	3.9	5.8	4'	44	4.5	2.6	6.9
	55°	0	281	12'6"	33	4.1	2.5		12'6"	20	5.8	4.9	7.2	5'	28	5.6	3.2	8.7
	45°	0	228															
	Test # H21292			Test # H21293					Test # H21292					Test # H21292				

Notes and Definitions:

Luminance: To convert cd/m² to footlamberts, multiply by 0.2919

- Data is based upon bare lamps photometrics.
- Beam spread is to 50% center beam candlepower (CBCP)

D=Distance to floor or wall.

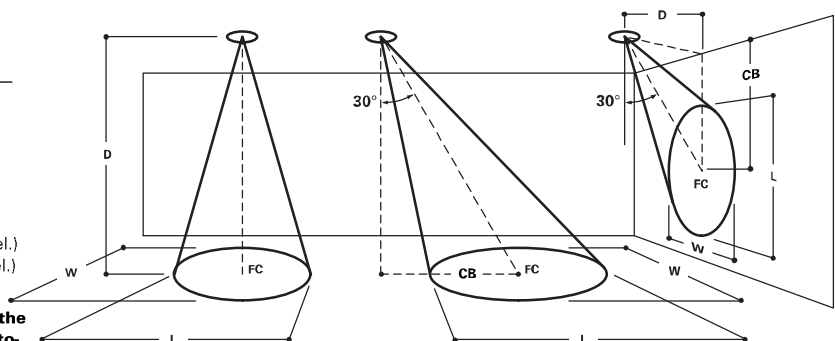
FC=Footcandles on floor or wall at center beam aiming location.

L=Effective Visual Beam length in feet (50% of maximum footcandle level.)

W=Effective Visual Beam width in feet (50% of maximum footcandle level.)

CB=Distance across or down to center beam location.

IRiS believes that bare lamp data photometrics vastly overstate the performance of adjustable accent fixtures. The "real world photometrics" shown here are from off the shelf lamps in fixtures and operated at 120.0 volts. Please see page 64 & 65 of the IRiS catalog for further discussion and appropriate correction multipliers.



Note: Specifications and Dimensions subject to change without notice.

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