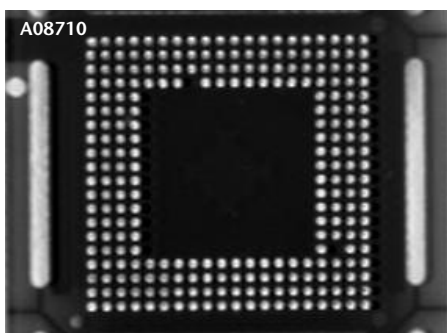A22780

Darkfield Ringlight, A22780

A08710

Actual image of BGA (Ball Grid Array) chip illuminated by a Darkfield ringlight clearly identifies where solder balls are missing.

Darkfield Ringlight

Unique parabolic reflector ring creates a radial "light sheet" for oblique lighting effects

Features

■ Eliminates need for a quad lightline and mounting hardware to create similar lighting effects.

■ Randomized bundle creates extremely uniform light output.

■ Remove the reflector ring to create a long working distance ringlight.

■ Can be used with continuous or strobe light sources.
Standard input adapter accepts the full range of all our color filters.

■ Three #8-32 threaded mounting holes in the top of the ringlight body facilitate fixturing.

■ Rugged aluminum body and light source adapter with black anodized finish.

■ PVC covered metal tubing protects the fiber bundle.

Typical Applications

■ BGA (Ball Grid Array) inspection.

■ lluminating scratches on highly reflective surfaces.

■ Water contamination inspection.

SPECIAL CONFIGURATIONS FOR
OEM & VISION INTEGRATORS!
Darkfield ringlights can be custom
manufactured for your unique
requirements. Call for a custom quote.

Darkfield Ringlights					
Part No.	Standard Exit	ID	OD	Working Distance	Bundle Length
A22780	X	4.03" (102)	5.25" (134)	0" - .25" 0"-6.35)	30" (762)

Dimensions in ( ) are in mm

SCHOTT
glass made of ideas

Darkfield Ringlight

Dimensions in ( ) are in mm

Ringlight Input: Black Anodized Aluminum
Bundle Sheathing: PVC Covered Metal Tubing or Stainless Steel

Warning: This product is manufactured with glass fiber. Not for use in cable/hose carrier. Call SCHOTT to discuss moving cable/hose carrier applications.

A22780
Darkfield Ringlight

#8-32 THRD DN
Ø4.50" (114) B.C.
3 PLCS, 120° APART

Ø4.97 (126)
Ø4.03 (102)
30" (762)
Ø0.625 (16)
1.45 (37)
Ø5.25 (133)
Ø0.83 (21)
.72 (18.3)
Ø0.51 (13)
BENDING RADIUS: 2.0 (51)
2.0 (51)
Ø0.718 (18.3)
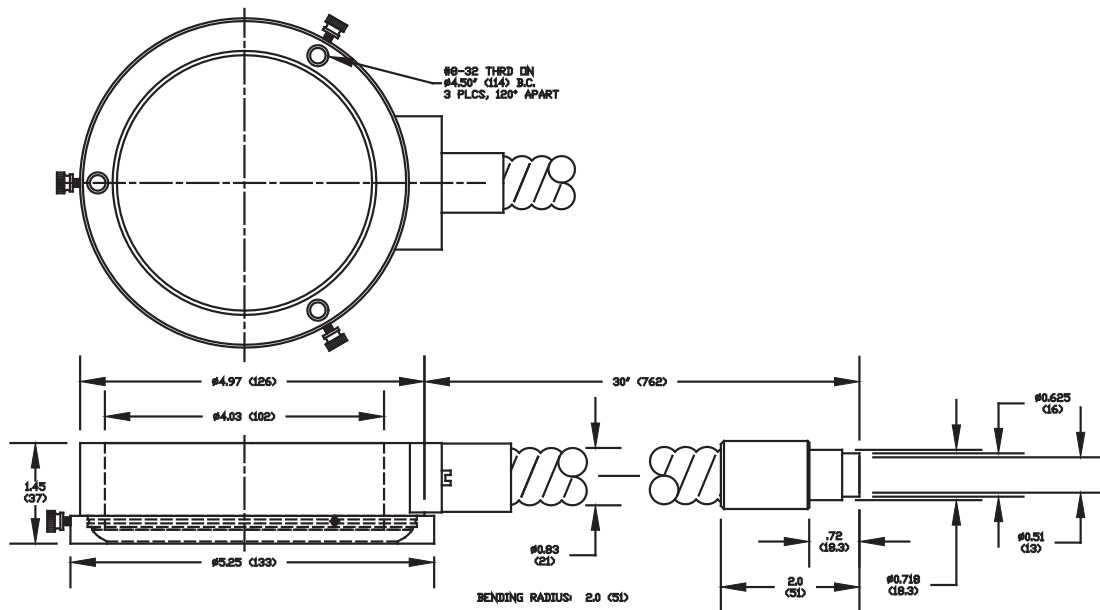
Dimensions in ( ) are in mm

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