ColdVision Line Lights
for ColdVision light sources

Suitable for narrow and elongated illumination in microscopy and machine vision inspection, SCHOTT ColdVision Line Lights offer high uniformity thanks to randomization. With a range of accessories and customized options, we can develop a bespoke line light solution for your application.

Features:
- Line Lights offers intense calibrated homogeneous illumination.
- Available as randomized line light for maximized uniformity and redundancy.
- Different slit slices available.
- Rugged aluminum body and light source ferrule with black anodized finish.
- PVC covered metal tubing protects the fiber bundle.
- Perfect illumination for line scan cameras.

Advantages:
- Our line light accessory range includes cylindrical, apertured lenses and mechanical holders.
- Accurately positioned fiber line within the body on all three planes assures that the fiber axis will be parallel with the mounting surface of the body.
- Custom lengths, bundle exits, multiple combinations (dual, quad, etc.) and line widths can be designed for your unique requirements.
- The 1", 2", & 3" size of line light offer a narrow, elongated body design.

| Part No.	Line Dimension Length (A) x Width (B)	Input Active Fiber Diameter	Gray Scale Uniformity[1]	Part No. for Lens Cylindrical	Overall Length
A08589*	2" x .035" (51mm x .89mm)	.30" (7.6mm)	< ± 8	*A08572	38.5"(978mm)
A08579*	1" x .070" (25mm x 1.8mm)	.43" (11mm)		*A08571	38"(965.2mm)
A08583*	2" x .035" (51mm x .89mm)	.43" (11mm)		*A08572	38.5"(978mm)
A08904*	4" × .036" (102mm × .91mm)	.43" (11mm)	± 8	*A08824	30" (762mm)
A08906*	6" × .033" (152mm × .84mm)	.51" (13mm)	± 8	*A08826	30" (762mm)
A08908*	8" × .025" (203mm × .64mm)	.51" (13mm)	± 8	*A08828	30" (762mm)
A08910*	10" × .020" (254mm × .51mm)	.51" (13mm)	± 8	*A08830	30" (762mm)
A08912*	12" × .016" (305mm × .41mm)	.51" (13mm)	± 8	*A08832	30" (762mm)
A08914*	14" × .014" (356mm × .36mm)	.51" (13mm)	± 10	*A08834	30" (762mm)
A08916*	16" × .012" (406mm × .30mm)	.51" (13mm)	± 10	*A08836	30" (762mm)
A08975*	6" ×.022" (152mm × .56mm)	.58" (16mm)	± 8	*A08826	30" (762mm)

* Made-to-order products
[1] Gamma setting of 1.0. Dimensions in ( ) are in mm
Custom configurations available. Compatible accessories available. See ColdVision-Accessories data sheet.
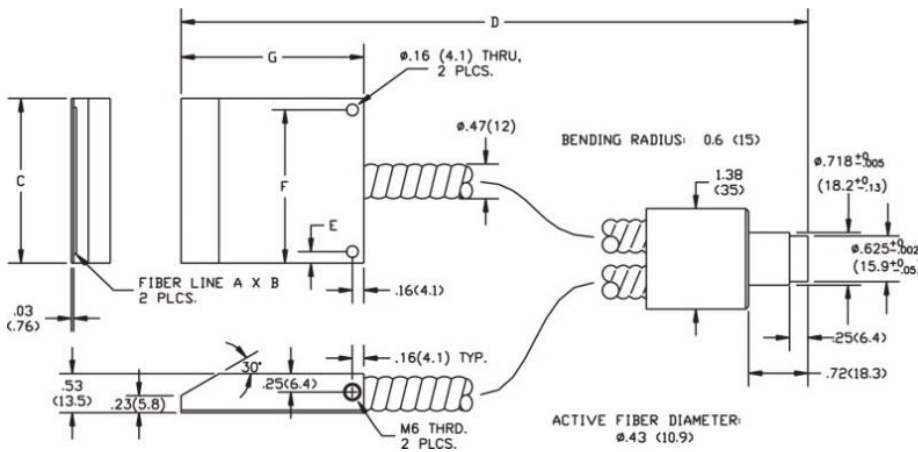
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Dimensions in ( ) are in mm
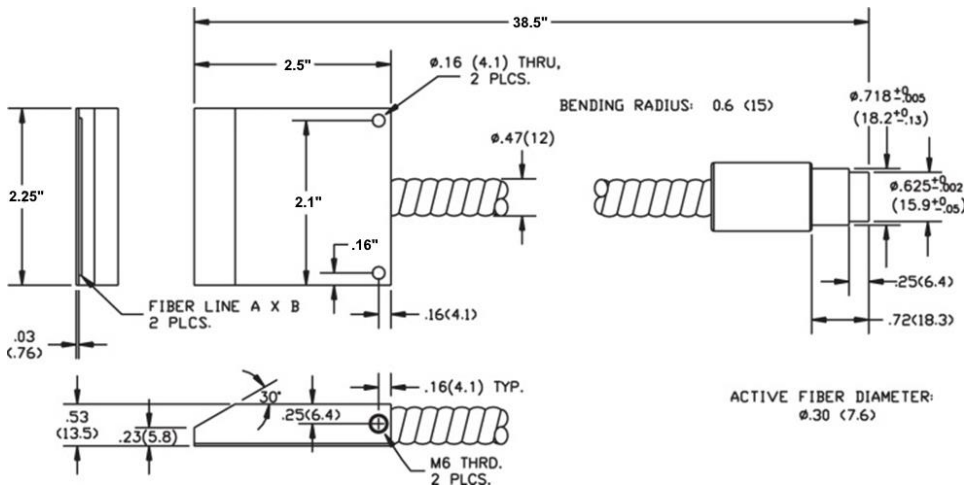
Single Line Light A08589

Dual Line Lights A08579 & A08583

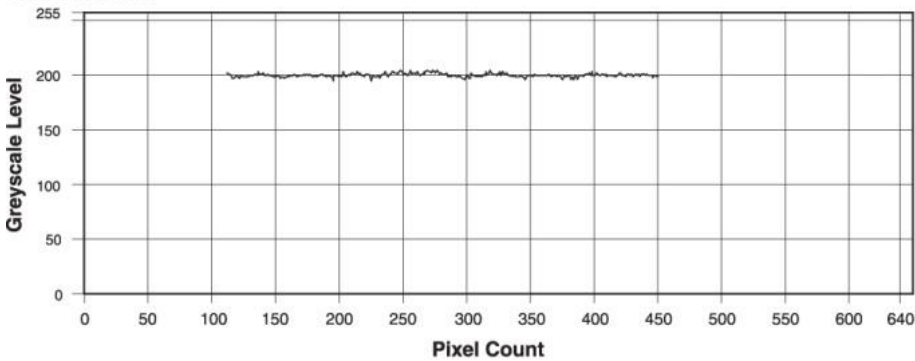|	A08579	A08583
C	1.25"	2.25"
D	38"	38.5"
E	0.16"	0.16"
F	1.1"	2.1"
G	2"	2.5"
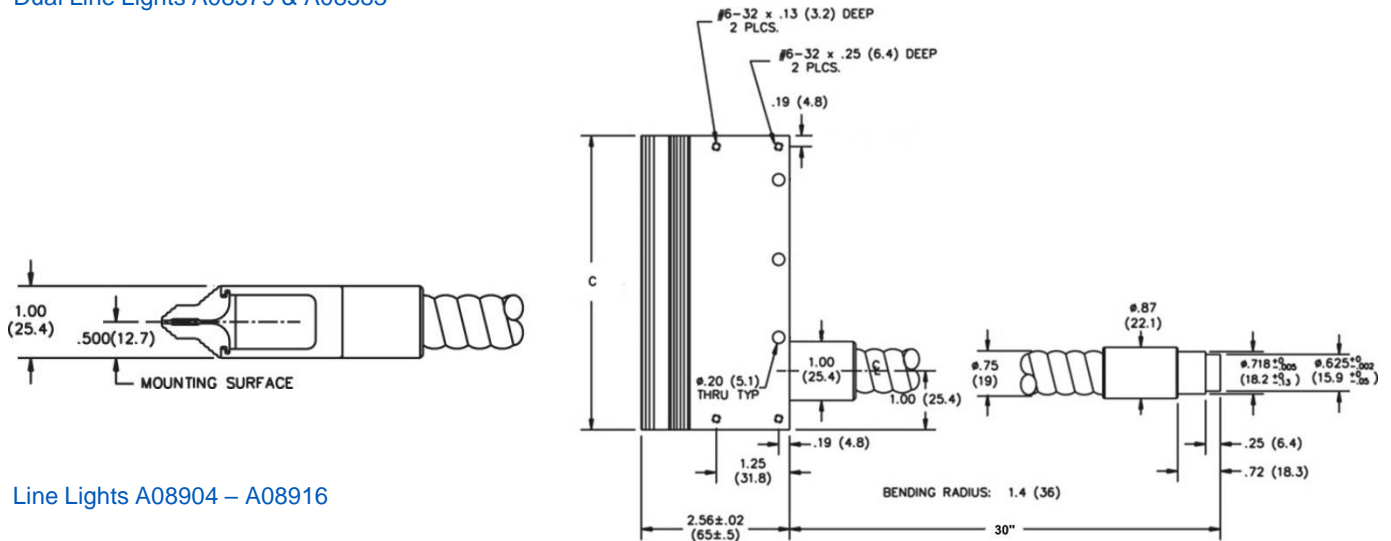
Line Lights A08904 – A08916

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Dual Line Light A08975

Example of Line Scan Results

LINE PROFILE

GLOBAL REPORT

Mean Value	Maximal Value	Minimal Value	Standard Variation	Area (pixels)	%
199.78	205.00	195.00	1.74	337	1.40

HISTOGRAM
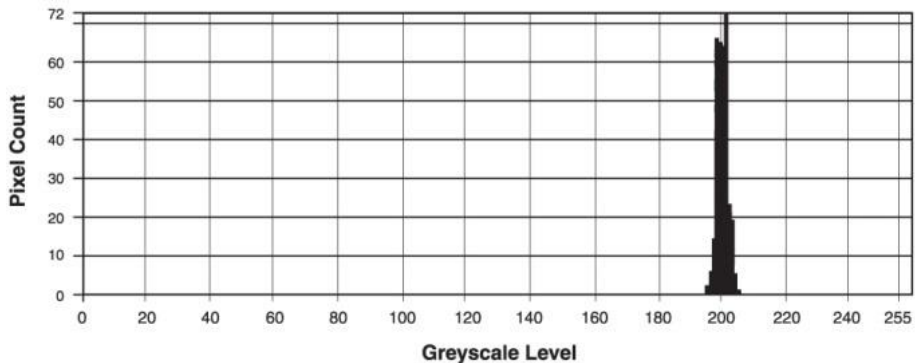
Version 01.2016

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

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