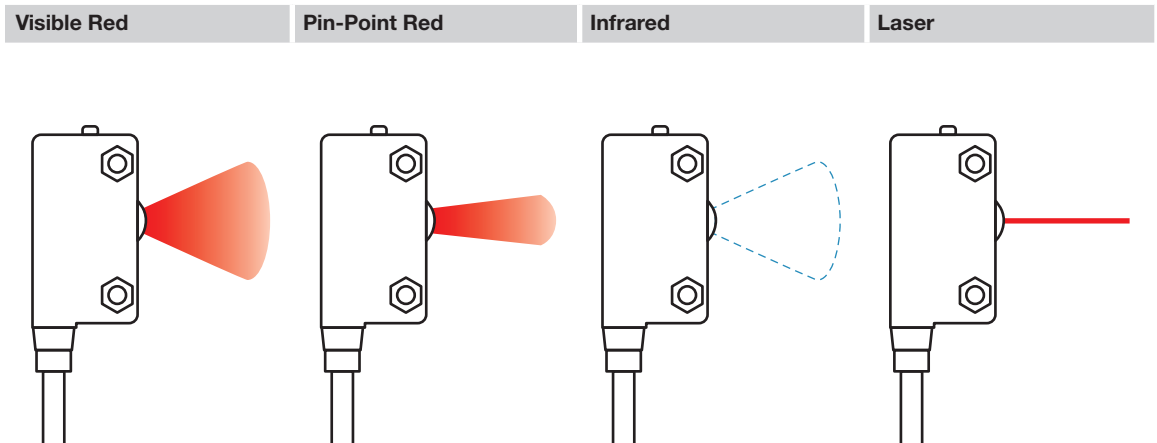


 **Light Sources**
Comparison of different light sources

What is the difference between visible red, pin-point red, infrared, and laser light sources?

Light Sources



Benefits

<ul style="list-style-type: none"> ■ Easy alignment and setup ■ Easily confirm correct operation ■ Lower price point 	<ul style="list-style-type: none"> ■ Higher resolution ■ Small light spot ■ Easy alignment and setup ■ Easily confirm correct operation 	<ul style="list-style-type: none"> ■ High excess gain; suitable for dirty environments ■ Invisible ■ Most efficient ■ Extended range 	<ul style="list-style-type: none"> ■ Highest resolution ■ Smallest light spot
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Gotchas

<ul style="list-style-type: none"> ■ Visible; may become irritant 	<ul style="list-style-type: none"> ■ Higher price point ■ Visible; may become irritant 	<ul style="list-style-type: none"> ■ Invisible ■ Difficult to align ■ Difficult to confirm correct operation 	<ul style="list-style-type: none"> ■ Higher price point ■ Precise alignment required ■ Guard against improper exposure to light beam ■ Airborne particles may interrupt light beam ■ Vibration may impact sensor alignment
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All information courtesy of BALLUFF