



Case Study - Product Application

Food Packaging Inspection

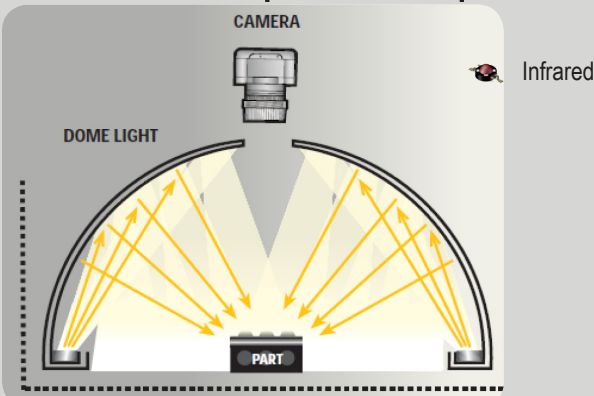


Solution: DL180-850 IR
0.8ms Shutter Speed, Infrared removed color.



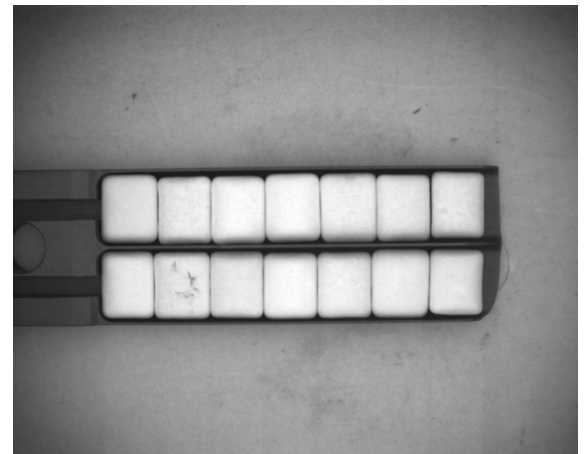
Multi color classic hard shelled chewing gum.

Illumination - Inspection Setup



Vision & Automation Opportunity:

Customer needed to improve quality control of their gum packaging. Color of the gum was not an issue. Packaging inspection requirements: Number of items and quality of gum per package. Production speed must be maintained while enhancing the quality inspection process to maintain product margins.



IR light removes color and retains material texture.

Vision & Automation Solution:

SI Engineering Lab mocked up the opportunity. SI Engineer applied IR to remove color, camera lenses and product positioning to develop repeatable quality testing solution. Spectrum Illumination's DL180-850 (Dome Light in Infrared), 0.8ms shutter speed. Smart camera identifies package count and product quality.



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