

## Lamina – GoldBrite Butler SpecData Sheet

### Product Standards

Standard Gauges & Widths	
0.004" x 50.0"	0.1mm x 1270mm
Additional gauges / widths available upon request. Minimum order quantities apply.	
Aluminum Standards	
<i>Alloy:</i>	5205
<i>Material Finish:</i>	Butler Brushed
<i>Temper:</i>	H18
<i>UTS:</i>	29 KSI
<i>UYS:</i>	28 KSI
<i>Elongation:</i>	4%
<i>Bend Radii:</i>	Gauge range specific – information available upon request.
Anodize Standards	
<i>Gloss:</i>	N/A
<i>Optics:</i>	N/A
<i>Anodize Finish:</i>	Clean
<i>Film Min/Max:</i>	0.125-0.350
<i>Anodic Film(s):</i>	0.175
<i>Color:</i>	L = 83.0 +/- 7.0 A = 0.0 +/- 2.0 B = 20.45 +/- 0.75
<i>2 Sided Product:</i>	No
<i>UV Stable:</i>	Yes
Ordering Specifics	
<i>Available as Tolling:</i>	No

### Additional Product Information

#### Availability

Standard anodize lead time = two weeks.

#### Warranty

Warranties are job specific – please complete the Warranty Application Form available online at [www.lorin.com](http://www.lorin.com).

#### Surface Protection

Lorin recommends surface protection be applied to all bright sheet products.

#### Visual Standards

Because of its thin gauge, slight indentations may occur on the metal surface of the Lamina product. These indentations are easily removed within a high pressure laminate process.

#### Material Inspection

Lorin utilizes a standard visual review of our finished products from 5 feet or 1.5 meters back from the sheet looking straight at the material hanging from a vertical surface. Material is viewed for consistency from edge to edge.

### Lorin Standards

#### Certification

- Chemical Composition – Standard
- Mechanical Composition – Standard
- Slit / Sheeted Certification – Upon Request

#### Packaging Standards

- Coil = Eye Vertical
- Sheet = Full Wooden Box

#### Shipping Quantity Tolerances

- +/- 10% Order Line Quantity