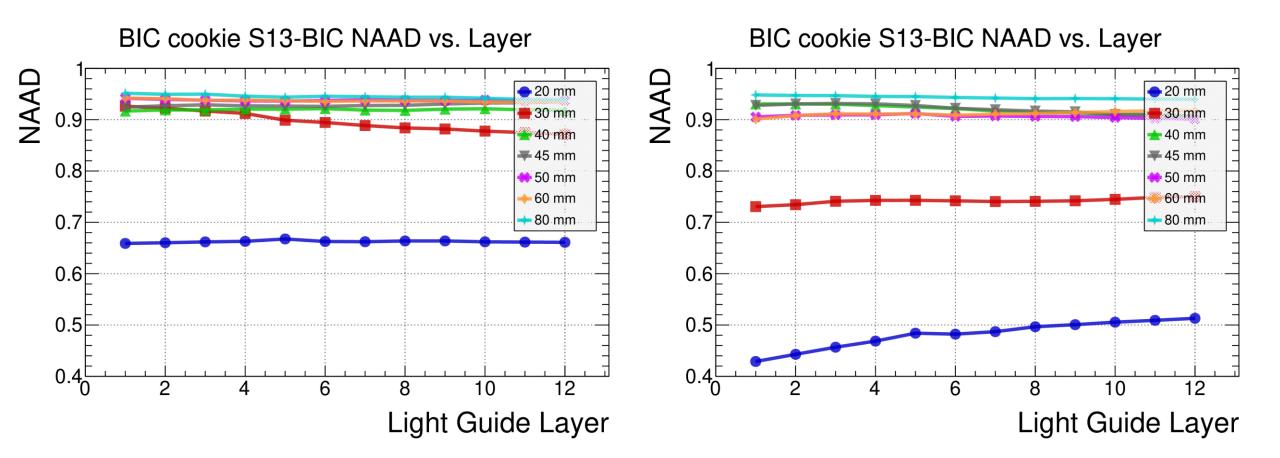


Single-Clad ($\theta_{max} = 20.4^{\circ}$) Double-Clad ($\theta_{max} = 26.7^{\circ}$) BIC cookie S13-BIC Efficiency vs. Layer BIC cookie S13-BIC Efficiency vs. Layer Efficiency Efficiency 🗕 20 mm 🗕 20 mm 0.9 0.9 **30 mm 30** mm 📥 40 mm 📥 40 mm 0.8 0.8 **4**5 mm 📕 45 mm 50 mm • 50 mm 60 mm 60 mm 0.7 0.7 🗕 80 mm 80 mm 0.6 0.6 0.5 0.5 0.4 0.4 0.3^t 0.3[□] 2 10 12 2 10 12 6 8 6 8 4 4 Light Guide Layer Light Guide Layer

Flatness Metric

Double-Clad ($\theta_{max} = 26.7^{\circ}$)

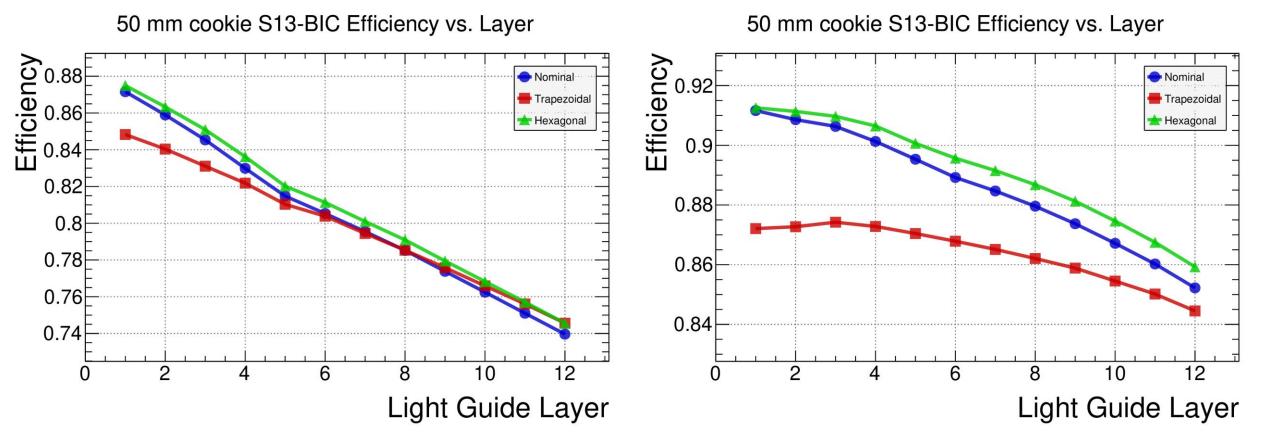
Single-Clad ($\theta_{max} = 20.4^{\circ}$)



Efficiency (Alternate Shapes)

Double-Clad ($\theta_{max} = 26.7^{\circ}$)

Single-Clad ($\theta_{max} = 20.4^{\circ}$)



Flatness Metric (Alternate Shapes)

Double-Clad ($\theta_{max} = 26.7^{\circ}$)

Single-Clad ($\theta_{max} = 20.4^{\circ}$)

