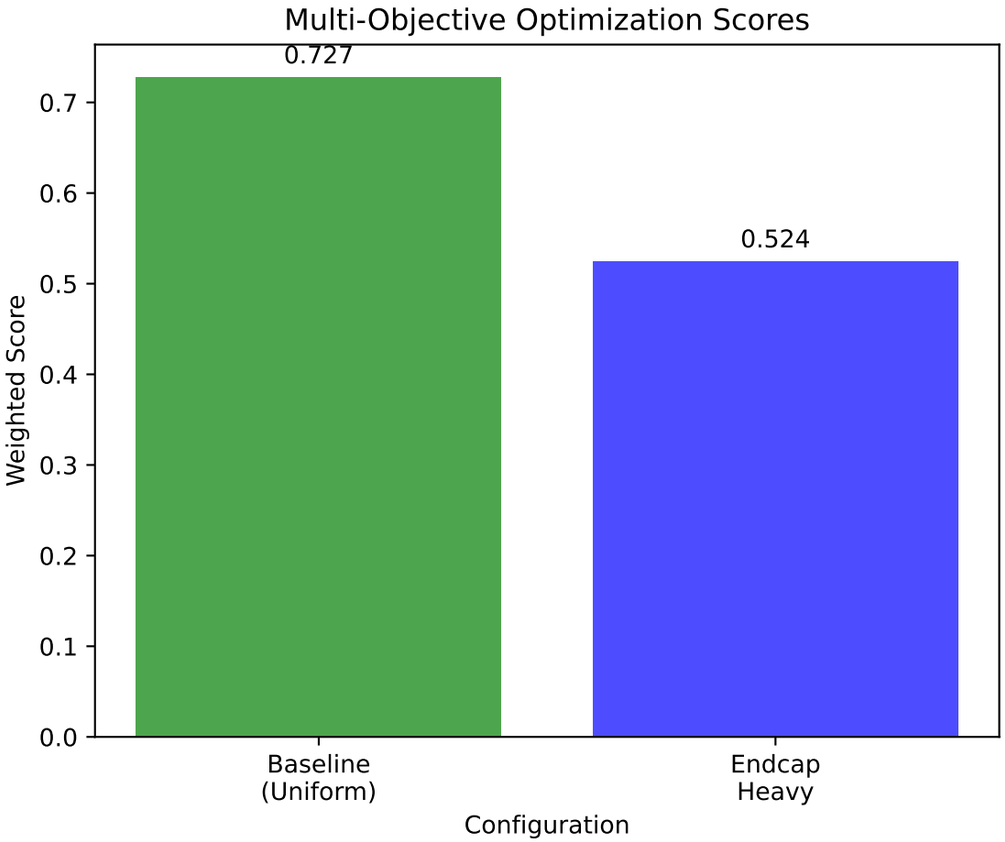
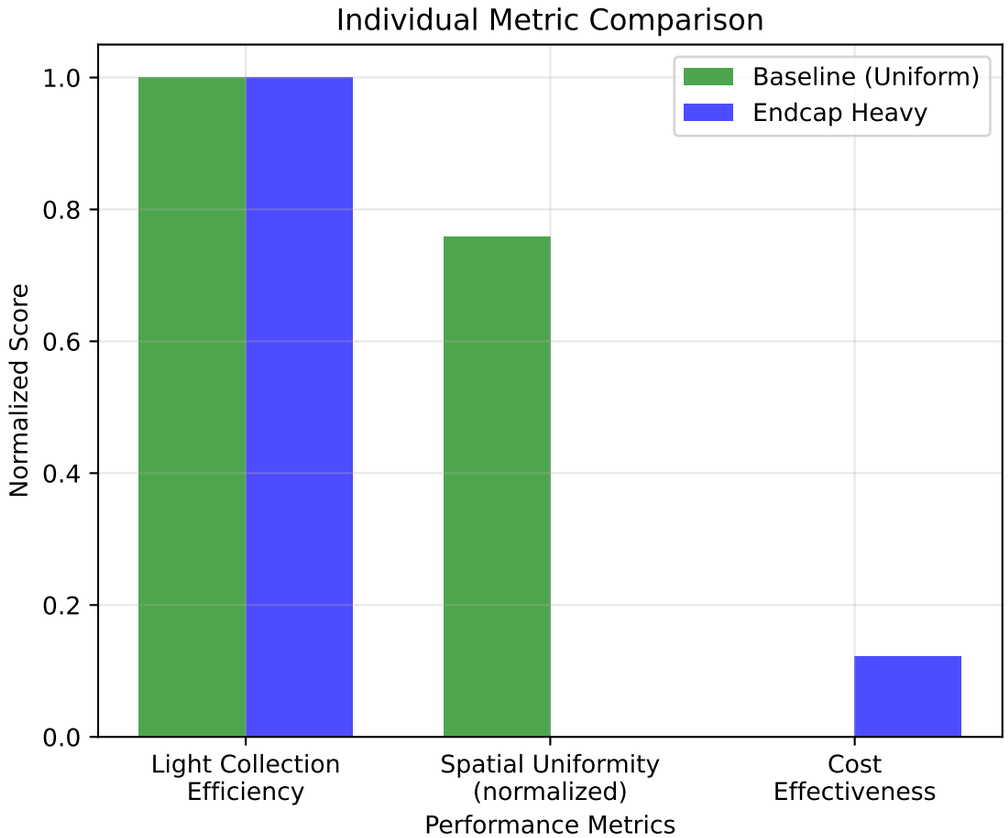
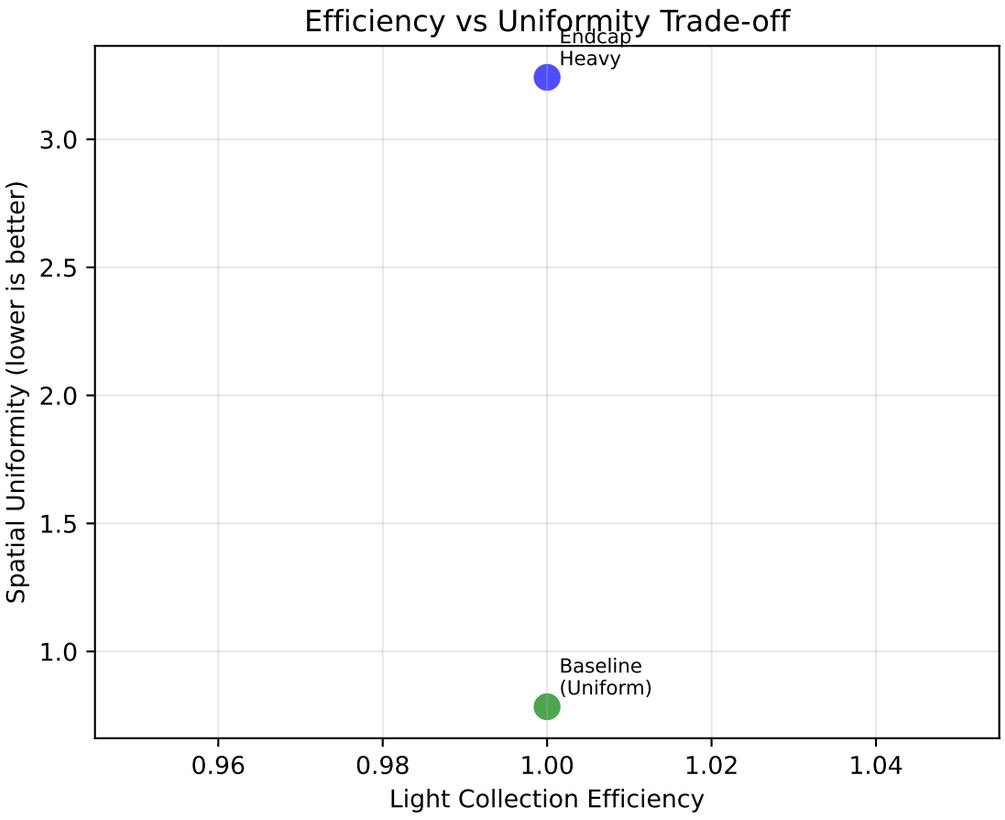
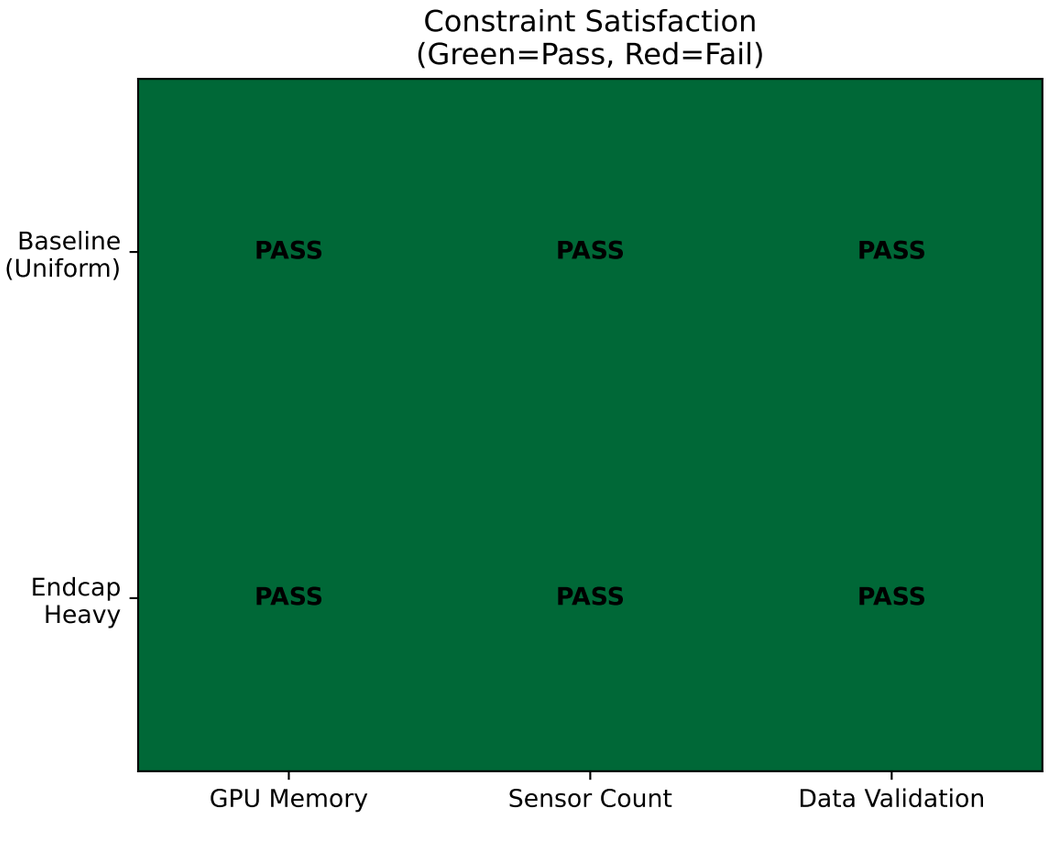

Multi-Objective Optimization Scores
0.727
0.524
Weighted Score
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
Baseline
(Uniform)
Endcap
Heavy
Configuration


Individual Metric Comparison
Baseline (Uniform)
Endcap Heavy
Normalized Score
0.0
0.2
0.4
0.6
0.8
1.0
Light Collection
Efficiency
Spatial Uniformity
(normalized)
Cost
Effectiveness
Performance Metrics


Efficiency vs Uniformity Trade-off
Endcap
Heavy
Baseline
(Uniform)
Spatial Uniformity (lower is better)
1.0
1.5
2.0
2.5
3.0
0.96
0.98
1.00
1.02
1.04
Light Collection Efficiency


Constraint Satisfaction
(Green=Pass, Red=Fail)
Baseline
(Uniform)
Endcap
Heavy
PASS
PASS
PASS
PASS
PASS
PASS
GPU Memory
Sensor Count
Data Validation