

TRANSLUCENT POLYCARBONATE DAYLIGHTING SYSTEMS



The Horizon Series

CANOPY • VAULT • STRUCTURAL • VERTICAL • UNIT



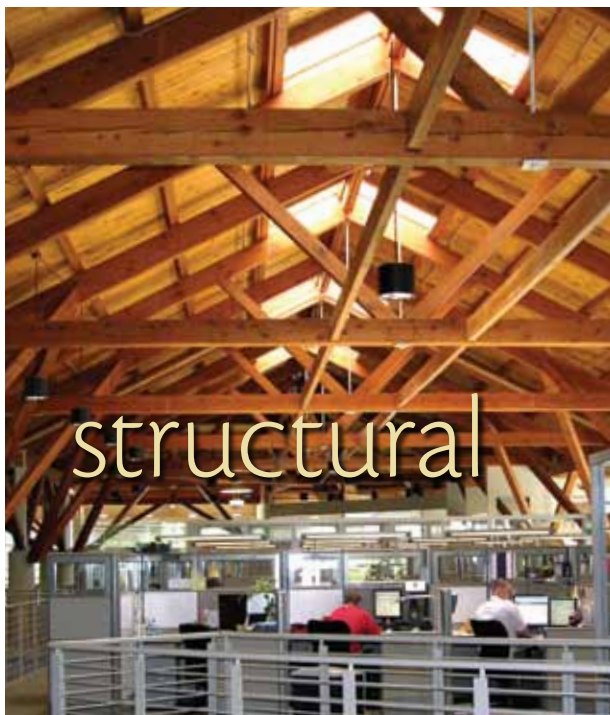


DESIGN VERSATILITY • EASE OF INSTALLATION

Reduce Labor and Material Costs While Enhancing Performance

Wasco's cellular, polycarbonate skylight design is a dry glazed, daylighting system with proven energy saving solar and thermal properties. The translucent Horizon System is constructed of lightweight, impact resistant, UV protected polycarbonate panels that are easy to install.





BENEFITS OF DIFFUSED DAYLIGHTING

Increasing natural daylighting in buildings has long been a goal in architectural design. Studies have shown that people thrive in natural lighting; they're healthier, happier and more productive. Also, increased daylighting designs are proven to have a positive effects such as:

- Increased productivity
- Increase in sales up to 40%
- Shown to increase learning rates (20-26%)
- Decreases absenteeism
- Promotes a healthier, happier work and educational environment

HORIZON TRANSLUCENT DAYLIGHTING SYSTEMS



PROVIDES HIGH QUALITY DIFFUSED DAYLIGHTING

- Reduces labor and material costs for skylight and canopy applications in both new construction and renovation projects
- Excellent UV protection
- Available with Lumira™ aerogel fill for up to 2X the thermal performance
- Available with or without structural framing
- Capable of a low rise radius for spans from 8' to substantially larger spans
- 10 year warranty

20mm 6-Wall Polycarbonate glazing is offered in standard translucent clear, opal, and bronze tints. For optional tints contact Wasco Products.

HORIZON SERIES PERFORMANCE DATA

Horizon Unit	L.T.	S.H.G.C.	S.C.	U/R Value
Clear/16mm clear w/Lumira	57%	0.51	0.59	.17/5.88
Clear/16mm opal w/Lumira	44%	0.45	0.52	.17/5.88

Horizon Canopy – 20mm Standing Seam	L.T.	S.H.G.C.	S.C.	U/R Value
Clear	65%	0.67	0.78	.264/3.79
Opal	40%	0.43	0.52	.264/3.79
Green	48%	0.52	0.61	.264/3.79
Blue	52%	0.55	0.64	.264/3.79
Bronze	30%	0.57	0.49	.264/3.79

Horizon Structural	L.T.	S.H.G.C.	S.C.	U/R Value
25mm 3 wall clear - std.	72	0.71	0.82	.34/2.94
with Lumira	59	0.61	0.70	.11/9.09
25mm 3 wall opal - std.	33	0.46	0.53	.34/2.94
with Lumira	27	0.40	0.46	.11/9.09

Horizon Vertical	L.T.	S.H.G.C.	S.C.	U/R Value
25mm 3 wall clear - std.	72	0.71	0.82	.34/2.94
with Lumira	59	0.61	0.70	.11/9.09
25mm 3 wall opal - std.	33	0.46	0.53	.34/2.94
with Lumira	27	0.40	0.46	.11/9.09

Horizon Vault	L.T.	S.H.G.C.	S.C.	U/R Value
Clear/clear with 25mm 3 wall clear Lumira Laylite	50	0.54	0.63	.1/10.0



AVAILABLE IN



UP TO 2X THE THERMAL PERFORMANCE

- Superior thermal performance - 2X the thermal value of comparable skylights
- Glare-free, full spectrum diffused light "Green" product that's perfect for Cradle to Cradle designs
- Completely moisture resistant
- Will not support growth of mold, mildew, or fungus
- Reduces sound transmission
- UV stable
- Performance will not deteriorate over time



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