



LIGHTED PERSONNEL DOOR CANOPY

Metallic Products' lighted personnel door canopies keep you covered. This economical, attractive overhead protection is built strong and designed to withstand the elements.



ALREADY HAVE A METALLIC PRODUCTS CANOPY?

Transform it into a lighted personnel door canopy with a **retrofit kit!**

Contact Metallic Products for kits and installation instructions.

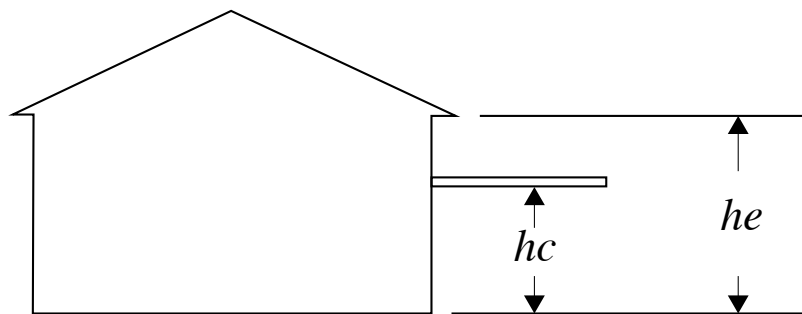
SPECIFICATIONS

WIND LOAD	180 mph [IBC 2012, 2015, 2018 & 2021]
	4' Projection – Max Ultimate Design Uplift = 102 psf
	5' Projection – Max Ultimate Design Uplift = 65 psf

Wind loads shown are uniform loads on a 4'- 6" wide canopy with 2 braces.

Wind loads calculated per ASCE 7-16 Section 30.11, using net pressure coefficients on attached canopies considering contributions from upper and lower surfaces.

- Topographic factor, $K_{zt} = 1.0$
- Wind directionality factor, $K_d = 0.85$
- Ground elevation factor, $K_e = 1.0$
- Mean canopy height, h_c :
 - Max 60' above ground for 4' Projection, Exposure – B
 - Max 53' above ground for 4' Projection, Exposure – C
 - Max 53' above ground for 5' Projection, Exposure – B
 - Max 30' above ground for 5' Projection, Exposure – C
- Mean building eave height, h_e :
 - Max 60' above ground for 4' & 5' Projections, Exposures – B & C



ELEVATION



SPECIFICATIONS (CONT'D)

SNOW LOAD <i>(Note: On the canopy)</i>	4' Projection — Max = 57 psf
	5' Projection — Max = 45 psf
	<i>(Up to 100 psf available upon request)</i>

Snow loads shown are uniform loads on a 4'-6" wide canopy with 2 braces. Snow loads shall be determined by engineer utilizing applicable codes and project-specific design criteria.

Depending on canopy width (10'-0" maximum), up to 4 hangers may be required per canopy section to achieve wind and snow loads.

NOTE: For more stringent loading requirements, custom engineering analysis is available upon request.

CONSTRUCTION

- Single door contains one LED light in the center of soffit panels, double door contains two LED lights 20" from the edge width
- Wet rated LED downlight provides uniform luminance (120V, 990 lumens, 3000K color temperature) from a low profile flat lens
- LED lifetime of 50,000 hours
- ENERGY STAR-certified luminaire contains no mercury or lead
- Precision molded lens features high transmission polymer with UV stabilized protecting film
- Fixture mounted in soffit of canopy and sealed to top-mounted junction box
- Electrical contractor must ensure of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local codes.
- 24-gauge flat soffit and integral gutter with rear-mounted drains
- 18-gauge galvanized internal frame for 4' projection and 14-gauge galvanized internal frame for 5' projection
- 5/8" diameter rod end 4140 hot rolled annealed (HRA) [F_y = 125 ksi]
- 16-gauge telescoping support channels mount behind wall panel between girts, mounting clips and fasteners included
- 3/4" galvanized pipe hangers with adjustable rod ends
- Economical and attractive overhead protection from the elements
- Specifically designed for high wind load and heavy snow load areas

SIZES

- Standard sizes for single door (4'6" x 4'0") and double door (7'6" x 4'0"); also available in 3' and 5' projections
- Can be mulled together for continuous run applications. Mullions and secondary gutter provided when specified.
- Canopies are available in custom lengths up to 10'.

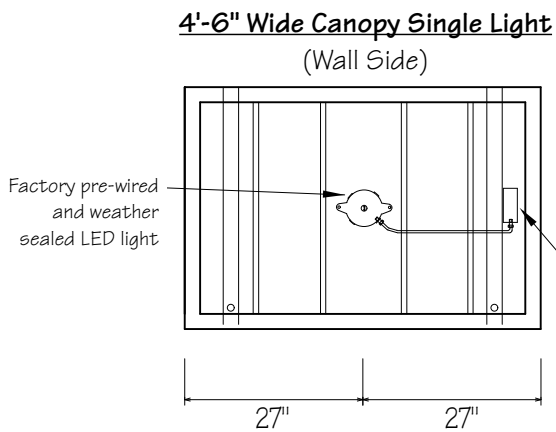
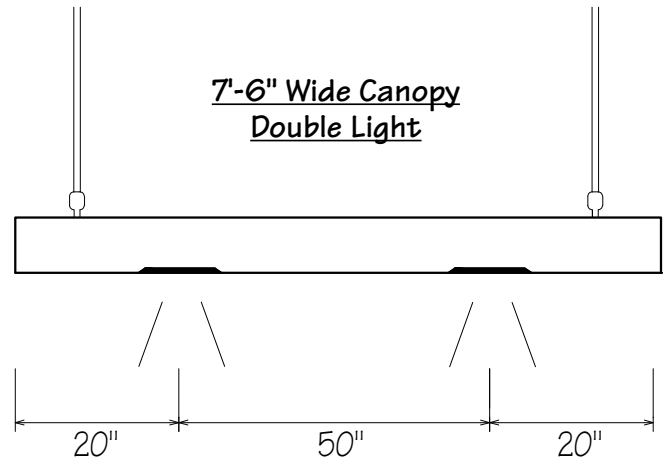
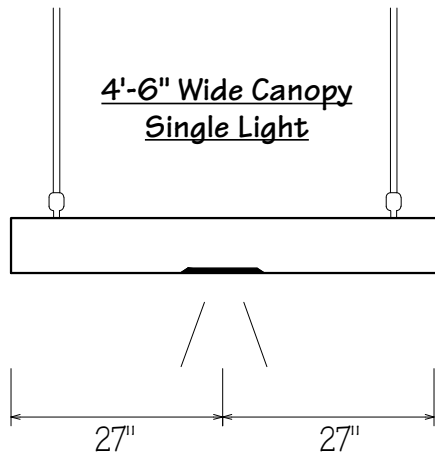
FINISHES

- Galvalume steel
- Silicone polyester, Kynar® and powder coated finish options available in a wide range of colors
- Custom color matching
- Single color or two tone (contrasting gutter/ fascia and soffit)

OPTIONS

- Masonry mount (anchors by others)
- Downspouts
- Front mounted drains

TECHNICAL SPECIFICATIONS



Junction box ready for field wiring to 120V supply (by others)

NOTE: Remove junction box from canopy frame as needed to access face plate

