

DESCRIPTION

The Streetworks Talon is the most versatile, functionally designed, universally adaptable outdoor luminaire available. The Talon brings outstanding performance to walkways, parking lots, roadways, building areas, and any security lighting application. U.L. listed and CSA certified for wet locations. IP65 Rated.

Catalog #		Type	
Project		Date	
Comments			
Prepared by			

SPECIFICATION FEATURES

Construction

One-piece heavy-wall, die-cast aluminum construction with integral reveal channels along top surface of housing. Internal cast-in wall separates optical and electrical chambers allowing components to operate cooler. One-piece die-cast aluminum door frame with integral cast-in gasket channel seals optical chamber to an IP65 rating. Stainless steel latches and hinges allow for toolless opening and removal of door frame.

Reflector

Choice of 14 high efficiency optical systems utilizing horizontal and vertical lamp orientations. Optional high efficiency segmented optical systems constructed of premium 95% reflective anodized aluminum sheet. Optical segments are rigidly mounted inside a thick gauge aluminum housing for superior protection. All segment faces are clean of rivet heads, tabs or other means of attachment which may cause streaking in the light distribution.

Standard with mogul-base socket for HPS and 100-400W MH.

Standard with medium-base socket for 70W MH and below. All optical modules feature quick disconnect wiring plugs and are field rotatable in 90° increments.

Electrical

Offered standard with ballast and related electrical componentry hard mounted to die-cast housing details for optimal heat transfer and operating efficiency. Optional galvanized steel swing-down power tray with integral handle. Electrical disconnects allow tray to be completely removed from the housing providing ample hand and tool room for attachment of fixture during installation.

Mounting

Extruded 8" aluminum arm includes internal bolt guides allowing for easy positioning of fixture during installation to pole or wall surface. Standard single carton packaging of housing, square pole arm and round pole adapter for contractor friendly arrival of product on site.

Finish

Housing and arm finished in a 5 stage premium TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum, and graphite metallic.

LAMP TYPE	WATTAGE
Metal Halide	175, 250, 400W
Pulse Start Metal Halide	70, 100, 150, 175, 200, 250, 320, 350, 400W
Super Metal Halide	175, 250, 400W
High Pressure Sodium	70, 100, 150, 250, 400W



TMU TALON MEDIUM

70-400W

High Pressure Sodium
Pulse Start Metal Halide
Super Metal Halide
Metal Halide

AREA LUMINAIRE

ENERGY DATA

Hi-Reactance Ballast Input Watts

70W HPS HPF (95 Watts)
100W HPS HPF (130 Watts)
150W HPS HPF (190 Watts)
150W MH HPF (185 Watts)

CWI Ballast Input Watts

250W HPS HPF (300 Watts)

CWA Ballast Input Watts

175W MH HPF (210 Watts)
200W MP HPF (240 Watts)
250W MH HPF (295 Watts)
320W MP HPF (365 Watts)
400W MP HPF (448 Watts)
400W MH HPF (455 Watts)
400W HPS HPF (465 Watts)

EPA

Effective Projected Area: (Sq. Ft.)
Recessed Door w/o Arm: 0.79
Deep Door w/o Arm: 1.02
8" Arm: 0.43

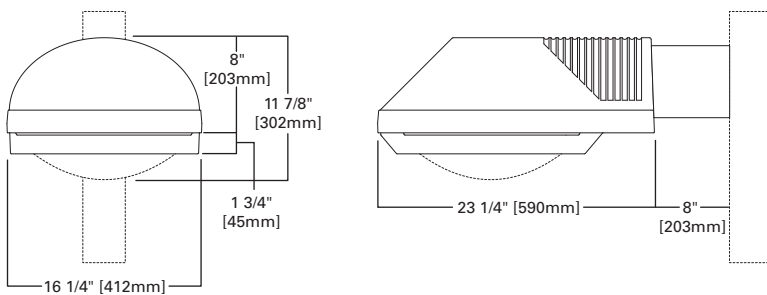
SHIPPING DATA

Approximate Net Weight:
Recessed Door 47 lbs. (21.79 kgs.)
Deep Door 52 lbs. (23.63 kgs.)



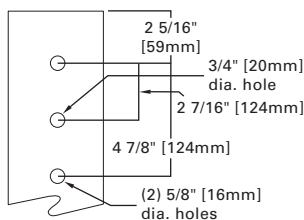
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DIMENSIONS

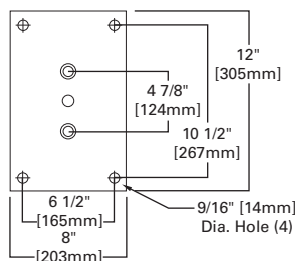


DRILLING PATTERNS

TYPE "M"

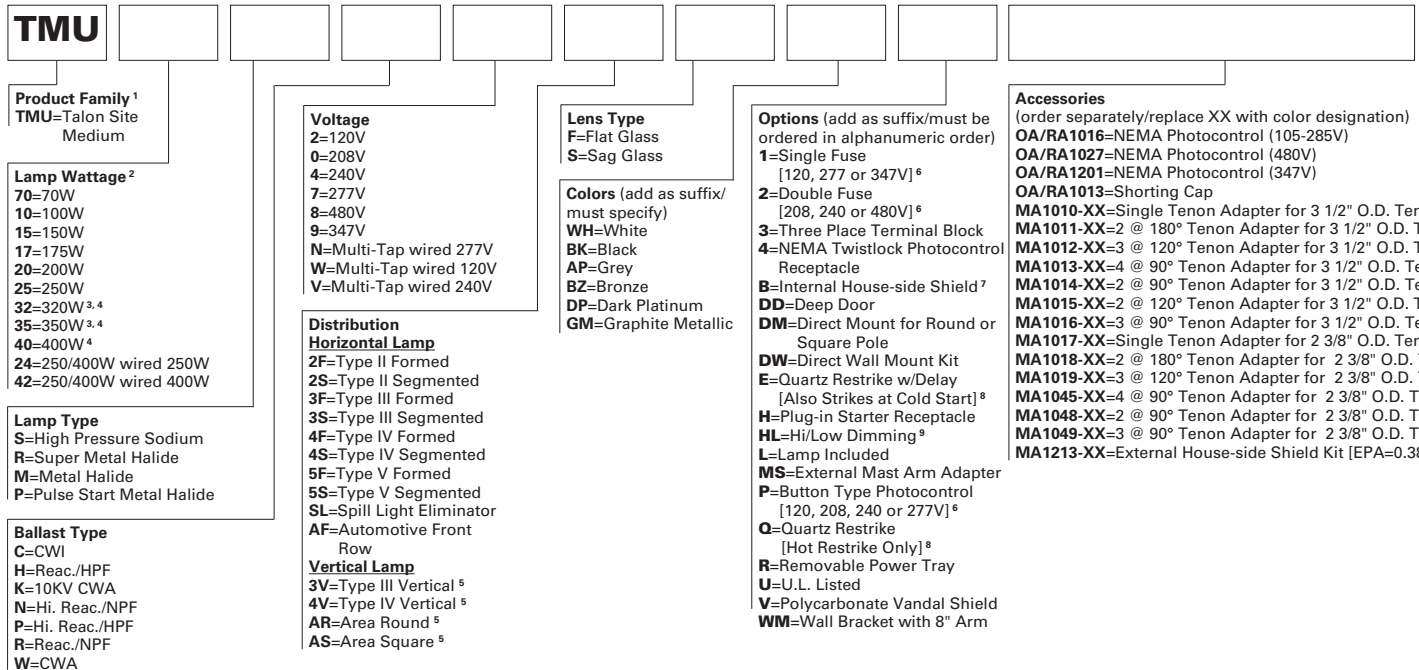


WALL MOUNT

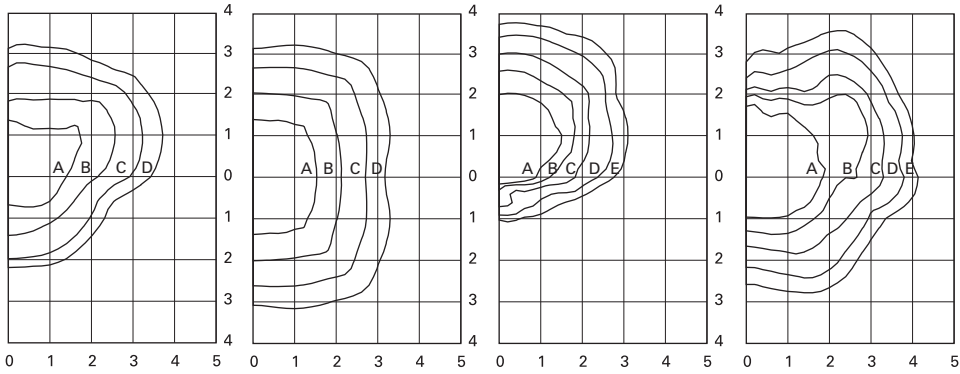


ORDERING INFORMATION

SAMPLE NUMBER: TMU40SWW3SF



NOTES: 1 8" arm and round pole adapter included with fixture. 2 Standard with mogul-base socket for HPS and 100-400W MH. Standard with medium-base socket for 70W MH. 3 320/350W Pulse Start Metal Halide lamp only. 4 Requires reduced envelope lamp. 5 Vertical lamp optics ship standard with deep door. Flat glass not available for 250W-400W. 6 Must specify voltage. 7 House-side shield not available on 5S, 5F, AS, AR and SL optics. 8 Quartz options not available with SL and AF optics. 9 Requires vertical lamp orientation. Provides 24V low voltage leads used in dimming controls. 10 Specifications and dimensions subject to change without notice.

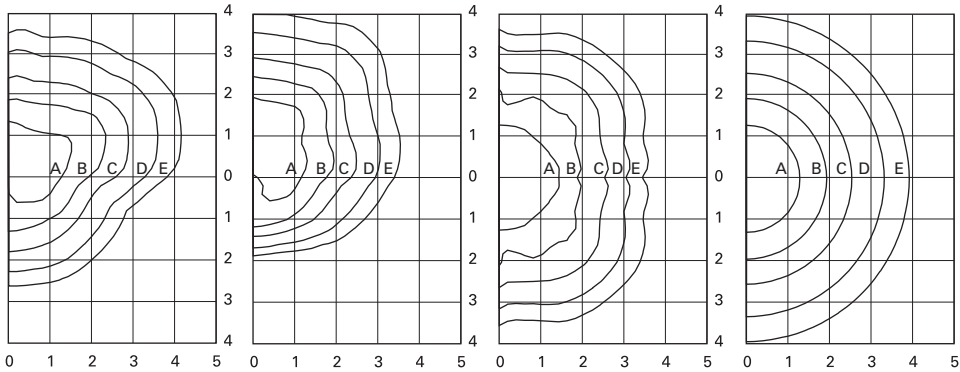


TMU17MXX3VF
175-Watt MH
14,000-Lumen Clear Lamp
Type III Vertical
Flat Glass

TMU17MXXASF
175-Watt MH
14,000-Lumen Clear Lamp
Area Square
Flat Glass

TMU25MXXSLF
250-Watt MH
20,500-Lumen Clear Lamp
Spill Light Eliminator
Flat Glass

TMU40MXX3SF
400-Watt MH
36,000-Lumen Clear Lamp
Type III Segmented
Flat Glass



TMU40MXX3VS
400-Watt MH
36,000-Lumen Clear Lamp
Type III Vertical
Sag Glass

TMU40MXX4VS
400-Watt MH
36,000-Lumen Clear Lamp
Type IV Automotive Perimeter
Sag Glass

TMU40MXX5SF
400-Watt MH
36,000-Lumen Clear Lamp
Type V Segmented
Flat Glass

TMU40MXXARS
400-Watt MH
36,000-Lumen Clear Lamp
Area Round
Sag Glass

Footcandle Table

Select mounting height and read across for footcandle values of each isofootcandle line. Distance in units of mounting height.

Mounting Height	Footcandle Values for Isofootcandle Lines				
	A	B	C	D	E
175W [3V/AS]					
15'	1.70	0.85	0.34	0.17	--
20'	1.00	0.50	0.20	0.10	--
25'	0.64	0.32	0.13	0.06	--
250W [SL]/400W [3S]					
20'	2.00	1.00	0.50	0.20	0.10
25'	1.28	0.64	0.32	0.13	0.06
30'	0.88	0.44	0.22	0.09	0.04

Footcandle Table

Select mounting height and read across for footcandle values of each isofootcandle line. Distance in units of mounting height.

Mounting Height	Footcandle Values for Isofootcandle Lines				
	A	B	C	D	E
400W [3V/4V/5S/AR]					
20'	3.00	1.50	0.75	0.30	0.15
25'	2.00	1.00	0.50	0.20	0.10
30'	1.38	0.69	0.34	0.13	0.06

MOUNTING CONFIGURATIONS

Wall Mount

Arm Mount Single

E.P.A.
TMU
Recessed Door 1.22
Deep Door 1.45

Arm Mount 2 @ 180°

E.P.A.
TMU
Recessed Door 2.44
Deep Door 2.90

Arm Mount 2 @ 90°

E.P.A.
TMU
Recessed Door 2.44
Deep Door 2.90

Arm Mount 3 @ 120°

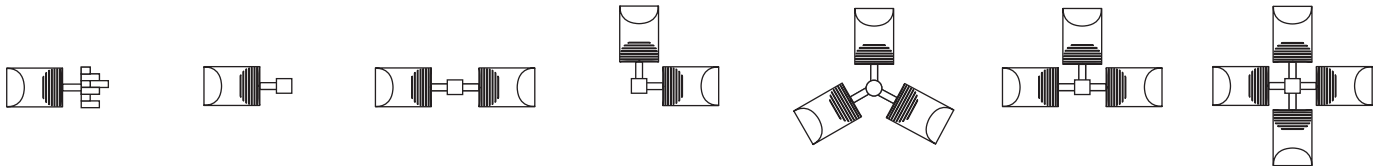
E.P.A.
TMU
Recessed Door 3.23
Deep Door 3.92

Arm Mount 3 @ 90°

E.P.A.
TMU
Recessed Door 3.23
Deep Door 3.92

Arm Mount 4 @ 90°

E.P.A.
TMU
Recessed Door 3.63
Deep Door 4.43



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