ADLER TUNNEL AND UNDERPASS HO SERIES

PROJECT: _____

TYPE: _____

PRODUCT: _____

APPROVED BY: _____

PRODUCT FEATURES

- Intended for Tunnels, Transportation settings, Underpasses, Viaducts, Platforms, and more
- Optional Type 2, Type 5, Tunnel Lighting Distributions
- Fixture is certified to UL standard by Intertek Testing Laboratories for Wet Location, IP65 Rating per IEC60598, 5G vibration tested per ANSI C136.31, IK10 Listed per IEC60068-2-75
- This product complies with the Build America Buy America Act (BABAA) and as a COTS item fully assembled in Chicago, this product also complies with the Buy American Act (BAA)
- The Adler Tunnel and Underpass HO Series is covered by the New Star Promise



Adler Tunnel & Underpass HO Series



Typical application: roadway underpass, wall mount

ORDERING INFORMATION

Example: ADLLP-2-T2-FL-WLR-C-W130

ADLLP	2		FL	WLR	C
Series	**Size*** **2** = Size 2 *Dimensional Data on Page 2.	**Distribution** **T2** = Type II **T5** = Type V **TW** = Tunnel Wall Mount	**Lens** **FL** = Flat Lens	**Mounting** **WLR** = Universal Mount	**Series** **C** = Custom New Star Nano Light Technology

Lumen Output* **W1** = Low** **W7** = Standard **W10** = High **CL** = Custom Lumens*** *Subject to change. Performance Data on Page 3. **TW optic only. ***Must be specified at time of quote. Must not exceed fixture maximum output.	**Color Temp.** **30** = 3000K **40** = 4000K **50** = 5000K	**Options** **PCR** = 7-Pin ANSI Photocell Receptacle **PDL** = Prismatic Drop Lens **AA** = Short Mounting Legs* **BABAA** = Complies with the Build America, Buy America Act **10Y** = 10-Year Warranty *The AA option is for short mounting legs. The AA option does not allow the fixture to rotate.	**Accessory** **UBS** = Understructure bracket system	**J-Box Options** **JP12B** = 1/2 NPT 6ft Liquid Tight Whip 14/3* **JP12C** = 1/2 NPT 6ft Liquid Tight Whip 16/3* **JP12D** = 1/2 NPT 6ft Liquid Tight Whip 18/3* **JP34B** = 3/4 NPT 6ft Liquid Tight Whip 14/3* **JP34C** = 3/4 NPT 6ft Liquid Tight Whip 16/3* **JP34D** = 3/4 NPT 6ft Liquid Tight Whip 18/38* **JC20B** = 3/4 NPT 20ft SOOW Cord 14/3 **JB12** = J-Box with 1/2-14 NPT entry** **JB34** = J-Box with 3/4-14 entry** *Smaller J-Box with 1"-11 1/2 NPT entry. **No whip supplied

New Star Lighting
2225 W Pershing Rd, Chicago, IL 60609
(773) 847-1400
www.newstarlighting.com

Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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SPECIFICATIONS

HOUSING: Precision die-formed, seam welded, marine-grade aluminum. Integral heat shield and heat sinks for optimal performance.

GASKET: One-piece closed cell silicone gasket.

FRAME: Precision die-formed, seam welded, marine-grade aluminum to match housing. Frame fastened to housing via tamper-resistant fasteners.

MOUNTING BRACKETS: Two adjustable aluminum trunnion-type brackets that can be positioned up to 90 degrees in either direction from the horizontal for easy aiming.

J-BOX: Standard aluminum sealed JBox mounted outside of fixture for ease of connection. Provided with 1" entry. Optional 3/4-14 NPT entry.

LENS: High impact UV-resistant polycarbonate lens to provide maximum light distribution. Lens fastened to door.

ELECTRICAL: 120-277v Switch-Hitter Constant Current 0-10V Driver, standard with automatic fault in ground detection. Minimum driver operating temperature is -40ºC. Standard 20KV/KA Surge Suppressor.

LED: Available in three color temperatures 3000K, 4000K, and 5000K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. Minimum 50,000 hours with 70% lumen maintenance in a 25ºC ambient temperature, compliant with IES LM-80 testing standards.

OPTICAL: Type II, V, and Wall Mount Tunnel distributions available.

FASTENERS: Tamper-resistant Torx® head fasteners with center pin reject.

FINISH: Gray polyester powder coat finish following multi-stage iron phosphate pre-treatment

WEIGHT: 19lbs.

WARRANTY: New Star Promise. Optional 10-year warranty (10Y).

LABEL: Fixture is certified to UL standards by Intertek Testing Laboratory for Wet Location. Certified IP65 per IEC60598 and 5G vibration tested per ANSI C136.31. IK10 Listed per IEC60068-2-75. This product was Made in America and complies with the Buy American Act (BAA) and the Build America Buy AmericaAct (BABAA) requirements.

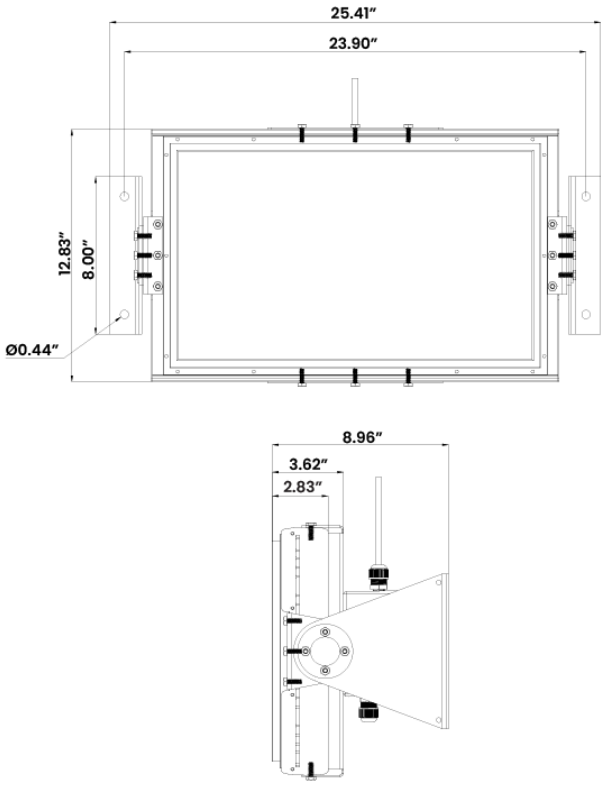
NEW STAR PROMISE

The Adler Tunnel and Underpass HO is covered by our New Star Promise.

Our promise means we will repair or replace any of our High Abuse or Vandal-Resistant architectural luminaries when installed according to our instructions for the life of the original installation if the fixture should fail due to physical abuse*.

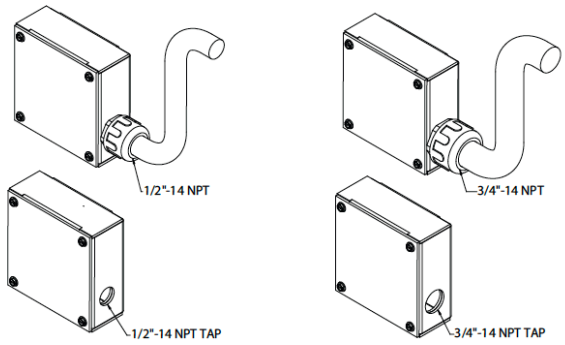
*Damage caused by gunfire and chemical reactions is not covered by the New Star Promise.

DIMENSIONAL DATA



Housing: 20.98" L × 12.83" W × 2.83" D (533 × 326 × 72 mm)
Overall with brackets: 25.41" L × 8.96" D
Mounting holes: Ø0.44" on 23.90" × 8.00" centers

J-BOX DIAGRAM



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PERFORMANCE DATA*

*Data is with 80 CRI chip. LEDs are frequently updated therefore values may change without notice.

DISTRIBUTION	OUTPUT	COLOR TEMP.	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
Type II	Standard (W7)	3000K	20890	139	150
		4000K	21360	142	150
		5000K	22251	148	150
	High (W10)	3000K	51638	140	370
		4000K	52800	143	370
		5000K	55000	149	370
Type V	Standard (W7)	3000K	20723	138	370
		4000K	21189	141	150
		5000K	22072	147	150
	High (W10)	3000K	51122	138	370
		4000K	52272	141	370
		5000K	54450	147	370
Tunnel Wall Mount	Standard (W7) BUG RATING: B2-U3-G1	4000K	9513	198	48
	High (W10) BUG RATING: B5-U4-G3	4000K	53936	141	383

Tunnel Wall Mount values from absolute photometry (Viso LabSpion goniophotometer, tested 10/8/2026), 4000K: W1 = IES file NSG-133-03R, W10 = NSG-133-02R (oriented with 90° toward the street side). B-U-G ratings per IES TM-15-11 calculated from these IES files.

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