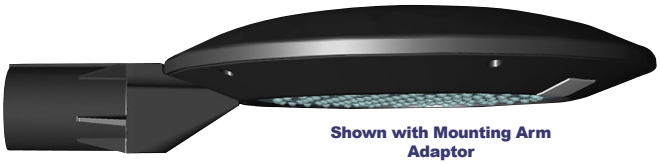
VOYR30Q
Voyager Round Pole or Wall Mount

BUY AMERICAN ACT COMPLIANT

L70 25°C — 327,000 Hours

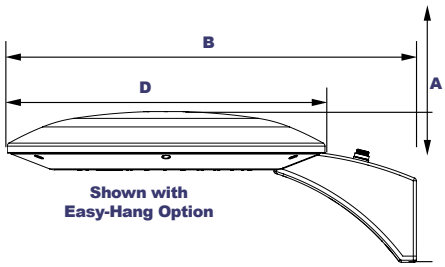
Shown with Pole/Wall Arm (Standard)



Shown with Mounting Arm Adaptor

Shown with LumaLens Option

Dimensions	
Diameter (D)	18″ (457mm)
Height (A)	8½″ (217mm)
Length (B)	23¼″ (589mm)



Shown with Easy-Hang Option

The 1882 Lighting VOYR30Q Voyager Architectural Round Pole or Wall Mount is available in Type II, III, IV or V distributions designed to replace HID lighting systems up to 400w MH or HPS. Typical area lighting applications include parking areas, walkways, and street lighting applications. Mounting heights of 12 to 30 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:
Die Cast and Sand Cast Aluminum Housing, Integral Heat Sinking. Photocell Adaptable.

Listing & Ratings:
ETL: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

Finish:
Black or Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens:
Clear UV-Stabilized Polycarbonate Vandal-Resistant Array Lens with Integral Optics or SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens. Gasketed to Seal LED Array.

Mounting:
Mounts to Square Poles or Walls with Standard Arm, or to Round Poles Using the KH20RP Adaptor (Sold Separately). Mounts to 2⅜″ Horizontal Mounting Arms with Optional MA Mounting Arm Adaptor.

EasyLED LED:
Aluminum Boards

Wattage:
37w Array: 37w, System: 41w; (70-150w HID Equivalent)
65w Array: 65.3w, System: 72w; (150-250w HID Equivalent)
100w Array: 100w, System: 111w; (150-250w HID Equivalent)
140w Array: 139.9w, System: 156w; (250-400w HID Equivalent)

Driver:
Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Controls:
Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with 1882 Lighting Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

Warranty:
5-Year Warranty for -40°C to +50°C Environment.

See Page 4 for Projected Lumen Maintenance Table.

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Order Information Example: VOYR30QF1X140U5KCBSP

VOYR30Q

Model	Optics	Wattage	Driver	CCT	Lens	Color	Mounting	Options
VOYR30Q=EasyLED Voyager Round Pole/ Wall Mount	**A**=Type I **B**=Type II **C**=Type III **D**=Type IV **F**=Type V	**1X37**=37w **1X65**=65w **1X100**=100w **1X140**=140w	**U**=120-277V **H**=347-480V	**3K**=3000K **4K**=4000K **5K**=5000K	**C**=Clear UV-Stabilized Polycarbonate Array Lens **L**=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Lens* ***Type V Models Only**	**Z**=Bronze **B**=Black **C**=Custom (Consult Factory)	**(Leave Blank)**=Pole/Wall Arm **MA**=Mounting Arm Adaptor	**SF**=Single Fuse* **DF**=Double Fuse* **SP**=Surge Protection **R3**=3-Pin Twist Lock Photocell Receptacle **R5**=5-Pin Twist Lock Photocell Receptacle **R7**=7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle **S2**=Microwave Sensor with Dimming for Mounting Heights of 8 to 40´.* **S4**=Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19'.* **BU**=Battery Backup, 90 Minutes (Up to 65w Max)* **BUC**=Cold Start Battery Backup, -20°C, 90 Minutes (Up to 65w Max)* ***120-277V Models Only.**

Accessories & Replacement Parts:

Mounting Accessories (Order Separately, Field Installed)

KH20RP*	Die-Cast Adaptor for 3″ to 4″ Round Poles, Powdercoat Finish.
*Specify Color: B=Black, Z=Bronze, C=Custom (Consult Factory)	

KH20RP

Accessories (Order Separately, Field Installed)

P18131	Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum.
P18132	Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten.
P18140	110-120VAC Instant Twist Lock Photocell
P18142	105-287VAC Instant Twist Lock Photocell
P18152	277VAC Time Delay Twist Lock Photocell
P18156	120-277VAC Universal Twist Lock Photocell
P18157	480VAC Time Delay Twist Lock Photocell. For 480V use only.
AF31HS*	Stamped Aluminum House Side Shield, Powdercoat Finish. Use for VOYR30Q models.
SSBS	Stainless Steel Bird Spikes
*Specify Color: B=Black, C=Custom (Consult Factory)	

P18131

P18132

P18140, P18142

P18152

P18156, P18157

AF31HS*

***Shown Mounted**

Replacement Parts (Order Separately, Field Installed)

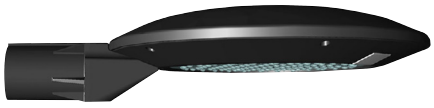
AF30PCLL	SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens
AF30MAB*	Pole Mounting Arm Adaptor Bracket, fits ALMAA Adaptor, Includes Hardware, Powdercoat Finish, Requires ALMAA Pole Mounting Arm Adaptor (Sold Separately)
ALMAA◊	Pole Mounting Arm Adaptor, Fits 2⅜″Arm, Includes Hardware, Powdercoat Finish, Requires AF30MAB Bracket (Sold Separately)
P17117	Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40´. 120-277VAC, 50/60Hz
P17123	Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz
*Specify Color: B=Black, Z=Bronze, C=Custom (Consult Factory)	
◊Specify Color: Z=Bronze, C=Custom (Consult Factory)	
For Replacement Battery Backup, see the 1882 Lighting LED Battery Backup Specification Sheet.	

AF30PCLL

P17117

P17123

Mounting Options:



VOYR30Q with Mounting Arm Adaptor (MA)

Die-Cast Adaptor for 2⅜″ Horizontal Mounting Arms, Powdercoat Finish, Includes Hardware.

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EPA (Effective Projected Area)

Shown with Mounting Arm.

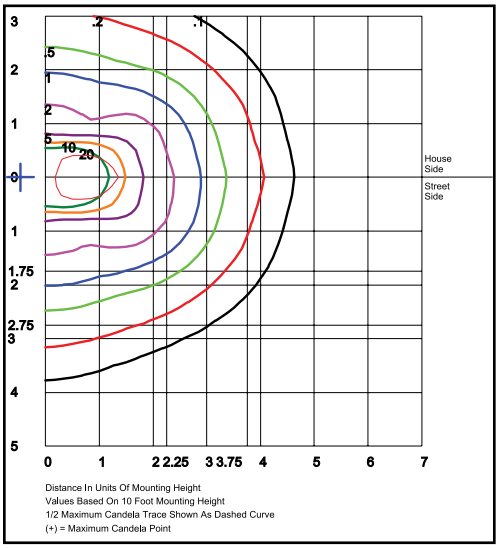
Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
1	1.00	21 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
2@180° Mount	2.00	42 Lbs
2@90° Mount	1.36	42 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
3@90° Mount	2.20	63 Lbs
3@120° Mount	2.00	63 Lbs

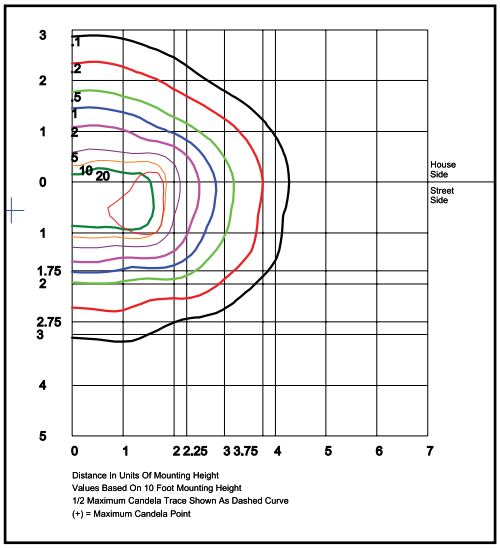
Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
4@90° Mount	2.20	84 Lbs

Photometric Data



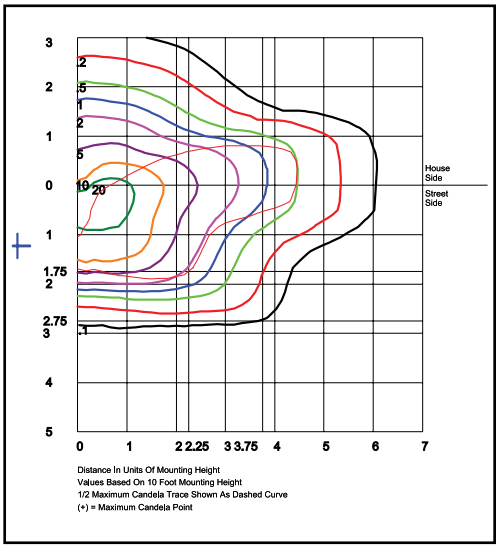
VOYR30QA1X1405K
Type I

Grid in MH
MH=10 Feet



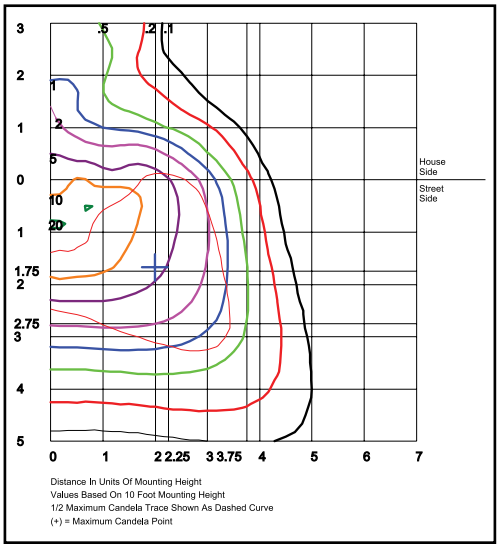
VOYR30QB1X1405K
Type II

Grid in MH
MH=10 Feet



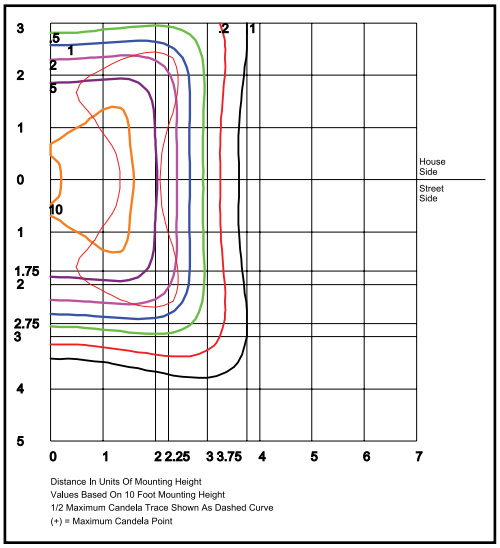
VOYR30QC1X1405K
Type III

Grid in MH
MH=10 Feet



VOYR30QD1X1405K
Type IV

Grid in MH
MH=10 Feet



VOYR30QF1X1405K
Type V

Grid in MH
MH=10 Feet

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Photometric Performance

Optic	CCT	Wattage (Catalog Logic) 37W (1X37)	65W (1X65)	100W (1X100)	140W (1X140)
	Input Watts	42.2	74.1	114	159.6
		Delivered Lumens			
VOYR30Q A = Type I	3000K	5,235	8,538	13,136	18,390
	4000K	5,446	8,884	13,668	19,136
	5000K	5,658	9,230	14,201	19,882
	BUG Rating	B2-U0-G1	B3-U0-G2	B3-U0-G3	B4-U0-G3
VOYR30Q B = Type II	3000K	5,256	9,234	14,205	19,888
	4000K	5,469	9,608	14,782	20,694
	5000K	5,682	9,982	15,357	21,500
	BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G2	B3-U0-G3
VOYR30Q C = Type III	3000K	5,277	9,271	14,263	19,968
	4000K	5,491	9,646	14,842	20,777
	5000K	5,705	10,022	15,419	21,586
	BUG Rating	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3
VOYR30Q D = Type IV	3000K	4,815	8,459	13,015	18,219
	4000K	5,010	8,803	13,543	18,959
	5000K	5,206	9,145	14,069	19,697
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4
VOYR30Q F = Type V	3000K	5,280	9,277	14,272	19,981
	4000K	5,495	9,653	14,851	20,791
	5000K	5,709	10,029	15,429	21,600
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G3

Projected Lumen Maintenance

Data shown for 5000 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 159w	1.00	0.98	0.95	0.91	327,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.94	0.89	0.78	134,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.96	0.93	0.86	141,000

NOTES:
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.