

Voyager 30R

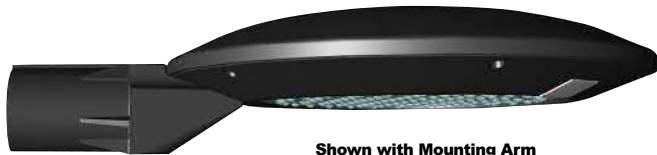
Round Pole or Wall Mount



L70
25°C 327,000 Hours



Shown with Pole/Wall Arm (Standard)



Shown with Mounting Arm Adaptor



1882 Lighting's VOYR30 Voyager 30 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:

CSA: 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. 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 2" 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 LEPC Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

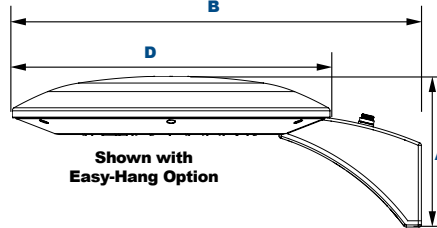
Warranty:

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

See Page 4 for Projected Lumen Maintenance Table.

Dimensions

Diameter (D)	18" (457mm)
Height (A)	8½" (217mm)
Length (B)	23¾" (589mm)



Order Information Example:

VOYR30QF1X140U5KCBSP

VOYR30Q

Model	Optics	Wattage	Driver	CCT	Lens	Color	Mounting	Options
VOYR30Q = Voyager 30 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 *Quick Ship: 37 and 65w Only. 100w & 140w available--allow 3-4 wks	C =Clear UV-Stabilized Polycarbonate Array Lens	Z =Bronze B =Black C =Custom (Consult Factory)	(Leave Blank) = Pole/Wall Arm MA =Mounting Arm Adaptor	SF =Single Fuse (120-277V Only) DF =Double Fuse (120-277V Only) 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'. (120-277V Only) S4 =Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', (120-277V Only) BU =Battery Backup, 90 Minutes (Up to 65w Max)



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Mounting Options:



VOYR30 with Mounting Arm Adaptor (MA)







Die-Cast Adaptor for 2 3/4" Horizontal Mounting Arms, Powdercoat Finish, Includes Hardware.

Accessories & Replacement Parts:

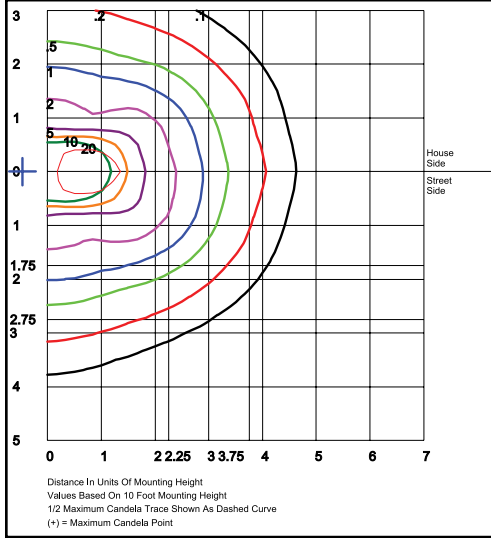
Mounting Accessories (Order Separately, Field Installed)	Accessories (Order Separately, Field Installed)	Replacement Parts (Order Separately, Field Installed)
<p>KH20RP* Die-Cast Adaptor for 3" to 4" Round Poles, Powdercoat Finish.</p> <p>*Specify Color: B=Black, Z=Bronze, C=Custom (Consult Factory)</p>  <p>KH20RP</p>	<p>P18131 Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum.</p> <p>P18132 Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten.</p> <p>P18140 110-120VAC Instant Twist Lock Photocell</p> <p>P18142 105-287VAC Instant Twist Lock Photocell</p> <p>P18150 120VAC Time Delay Twist Lock Photocell</p> <p>P18152 277VAC Time Delay Twist Lock Photocell</p> <p>P18156 120-277VAC Universal Twist Lock Photocell</p> <p>P18157 480VAC Time Delay Twist Lock Photocell. For 480V use only.</p> <p>AF31HS* Stamped Aluminum House Side Shield, Powdercoat Finish. Use for AFR30Q models.</p> <p>*Specify Color: B=Black, C=Custom (Consult Factory)</p>  <p>P18131 P18132 P18140, P18142 P18150 P18152</p> <p>P18156, P18157 AF31HS*</p> <p>*Shown Mounted</p>	<p>AF30MAB* Pole Mounting Arm Adaptor Bracket, fits ALMAA Adaptor, Includes Hardware, Powdercoat Finish, Requires ALMAA Pole Mounting Arm Adaptor (Sold Separately)</p> <p>ALMAA◊ Pole Mounting Arm Adaptor, Fits 2 3/4" Arm, Includes Hardware, Powdercoat Finish, Requires AF30MAB Bracket (Sold Separately)</p> <p>P17117 Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz</p> <p>P17123 Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz</p> <p>*Specify Color: B=Black, Z=Bronze, C=Custom (Consult Factory)</p> <p>◊Specify Color: Z=Bronze, C=Custom (Consult Factory)</p> <p>For Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet.</p>  <p>P17117 P17123</p>

EPA (Effective Projected Area)

Shown with Mounting Arm.

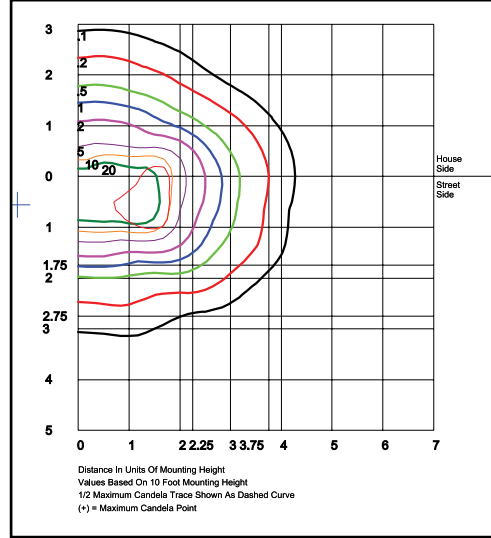
Configuration	EPA (Sq. Ft.)	Weight (Lbs.)	Configuration	EPA (Sq. Ft.)	Weight (Lbs.)	Configuration	EPA (Sq. Ft.)	Weight (Lbs.)	Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 1	1.00	21 Lbs	 2@180° Mount	2.00	42 Lbs	 3@90° Mount	2.20	63 Lbs	 4@90° Mount	2.20	84 Lbs
			 2@90° Mount	1.36	42 Lbs	 3@120° Mount	2.00	63 Lbs			

Photometric Data



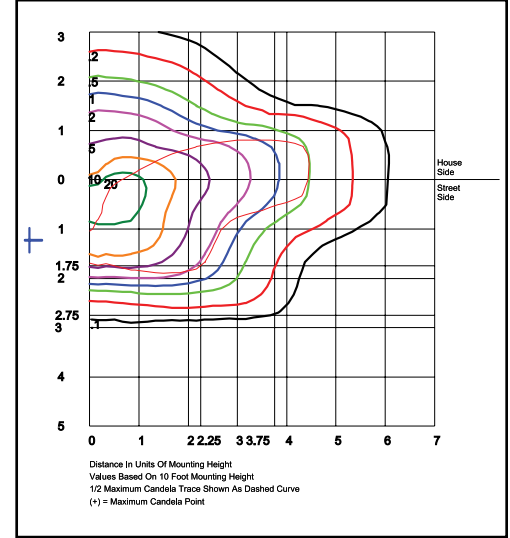
VOYR30QA1X1405K
Type I

Grid in MH
MH=10 Feet



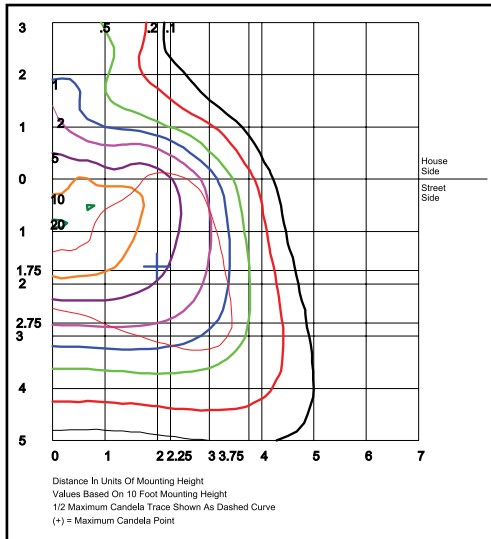
VOYR30QB1X1405K
Type II

Grid in MH
MH=10 Feet



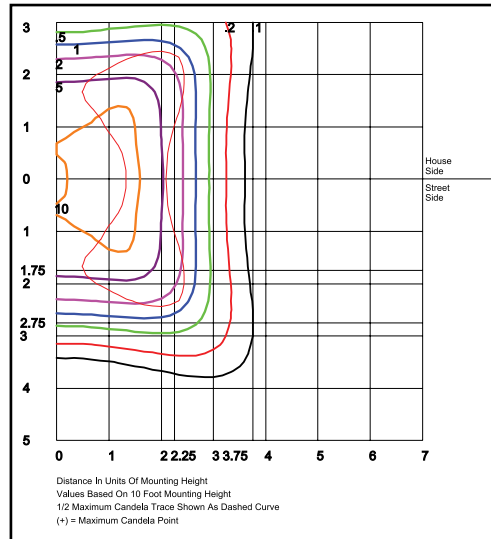
VOYR30QC1X1405K
Type III

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

Wattage (Catalog Logic)		37W (1X37)	65W (1X65)	100W (1X100)	140W (1X140)
Input Watts		42.2	74.1	114	159.6
Optic	CCT	Delivered Lumens			
VOYR30 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
VOYR30 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
VOYR30 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
VOYR30 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
VOYR30 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 525mA 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.