

# D4A Adaptive Light Source

COST SAVINGS | EASY TO INSTALL | HIGH PERFORMANCE | ENVIRONMENTALLY FRIENDLY

The Vega D4A is revolutionary in performance, reliability, light control, and optional built in controls. Reduce cost, phone calls, and truck rolls with this fully controllable engineered product. It is designed to allow you to make changes after installation, is compatible with a variety of control systems, and is available with an advanced Bluetooth control system built in. Take control of your lighting with the D4A.

At 60 watts it can achieve IES RP-08 at 187' pole spacing, 16' mounting height. At 9,665 lumens directional (with 8% uplight) it will outperform a 18,000 lumen bulb (non-directional light 50% uplight). You can achieve 120W of LED performance at only 60W consumed.

## OPTIONAL FEATURES

- ③ Built in Controls - Bluetooth remote control using **VEGA Link IQ app**. Control dimming, night time dimming schedule, report diagnostics, burn time, and asset tag ID.
- ③ **PR7** - 7 pin photocell Receptacle Version (nodes/shorting caps not included).
- ③ **PRC** - Connector for external node or control signal, includes 0-10V Dimming controls.
- ③ **Adaptive Capability** - modify distribution pattern from Type 5 to Type 3, for example: Shut off or dim backlight.

## SOON TO BE RELEASED

- ③ Built in Mesh Networking - VEGA Link Mesh Control (modify one unit settings and 'sync' all others), report diagnostics, faults, GPS location, and more.
- ③ RGBW - high output colored light array that can render over 1 million different colors or simply use preset colors for special events and holidays. White lights can remain on for safety.



## BEST IN CLASS PERFORMANCE



**Up to 160 Lumens Per Watt directional**

- ③ Up to 5 times the light coverage and life of most LED Competitors
- ③ 36 kV of surge suppression standard across all three lines
- ③ Superior thermal design (no fans or moving parts)
- ③ NOT Omnidirectional by design - engineered optics efficiently manage light and light position
- ③ BUG Rating\* modification - independently modify Backlight or Glare
- ③ Reduced glare by up to 60%
- ③ Only 8% uplight where competitors are 50% on average
- ③ Many models are DLC listed \*
- ③ UL Classified
- ③ US Patents: 10948134, 11116066



\*\* Vega Light Control Systems has no affiliation or connection with Ubiquiti.

## RATED LIFE

100,000+ Hrs Rated System Life  
80% Lumen Maintenance at 100,000 Hrs  
7 Year Warranty Standard, 10 Year Warranty Available

## TESTING

IESNA LM-80  
InSitu Thermal  
Energy Star TM-21  
3G Vibration Tested  
Surge & Transient Tested  
100% Production Test & Inspect

## LISTING

IP65 Wet Location Rated  
Certification to UL 1598C, 8750, 1993  
CSA C22.2 No.250.1  
UL Drivers  
Complies with IEEE C62.41

## SHIPPING INFORMATION

Ships from Michigan Mfg Plant  
ISO 9001 US Facility  
BAA Compliant  
ARRA Compliant

## ELECTRICAL

36 kV Surge Suppression  
Power Factor Correction >90%  
<10% Total Harmonic Distortion  
-40C to +50C Ambient Operating Temp  
Universal 120-277 VAC, 480 VAC Optional  
Thermal Overload Protected  
Electrical Short / Overload Protected  
Requires Live Voltage/Ballast Bypass



AMERICAN RECOVERY  
& REINVESTMENT ACT  
COMPLIANT



SUPPORT@VEGALIGHTCONTROL.COM  
616.259.0700  
VEGALIGHTCONTROL.COM



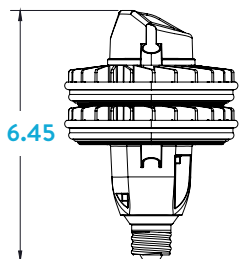
VEGA Link IQ D4A  
Available on:



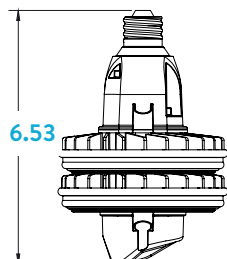
# D4A Medium & Mogul Base

Dimensions (Overall diameter 4.55", all models)

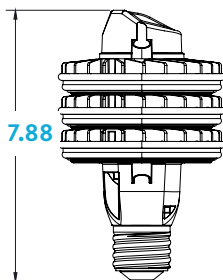
**MEDIUM BASE  
BASE DOWN**



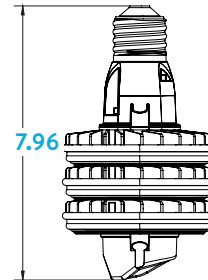
**MEDIUM BASE  
BASE UP**



**MOGUL BASE  
BASE DOWN**



**MOGUL BASE  
BASE UP**



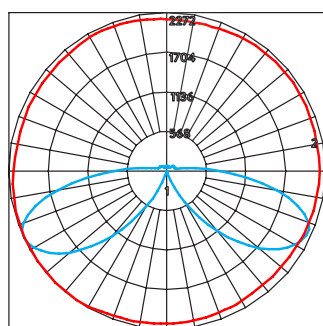
**HOUSE SIDE SHIELD ORDERING**  
D4A-HSS-2R OR D4A-HSS-3R



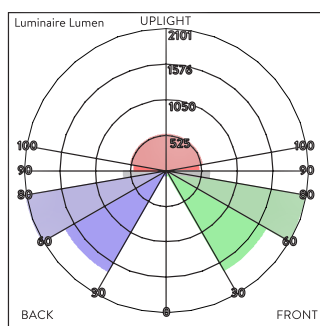
## Performance Light Source Only

RATED WATTAGE	INPUT WATTAGE	DISTRIBUTION	2200K	3000K	4000K	5000K
20	20.6	T5M	2,230	3,280	3,457	3,457
30	30.5	T5M	3,401	4,857	5,119	5,119
40	40.4	T5M	4,454	6,353	6,696	6,696
50	50.5	T5M	5,349	7,796	8,217	8,217
60	62.7	T5M	6,269	9,170	9,665	9,665

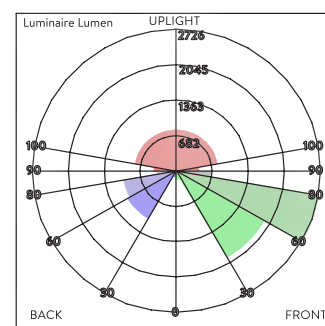
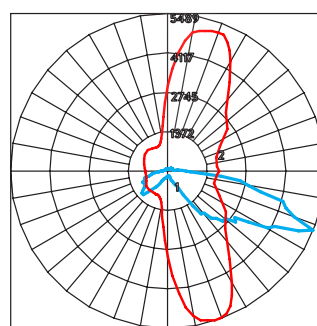
## Distribution Plots



TYPE 5



TYPE 3 INSIDE PRISMATIC GLOBE



## Screw Base Ordering Instructions

STYLE	WATTS	REQUIRED PLACEHOLDER	CCT	TYPE	REQUIRED PLACEHOLDER	MATCH BASE W/ WATTAGE LINE	BASE POSITION	DIMMING/CONTROL	CUSTOM
D4A	-20	G	-22K	-T5M	-NA	-E26 (MEDIUM)	D (BASE DOWN) OR U (BASE UP)	-STD (STANDARD) -DIM (BT DIM CONTROL)	-GLB -MSH -RGBW -C### -T3M
	-30		-30K			-E26 OR -E39 (MOGUL)			
	-40		-40K			-E26 OR -E39 (MOGUL)			
	-50		-50K			-E39			
	-60					-E39			

### EXAMPLE #1

D4A-20G-22K-T5M-NA-E26D-STD



### DESCRIPTION

D4A, 20W, 2200K CCT, Type 5 Distribution, NA, E26 Medium Base, Base Down, Standard without Bluetooth Dimming controls

### EXAMPLE #2

D4A-60G-40K-T5M-NA-E39D-DIM



D4A, 60W, 4000K CCT, Type 5 Distribution, NA, E39 Mogul Base, Base Down, With Bluetooth Dimming Controls

\*GLB = WHITE GLOBE OPTICS | BASE DOWN FOR POST TOP | BASE UP FOR PENDENT FIXTURES | TYPE 3 ONLY OFFERED WITH BLUETOOTH CONTROLS

D4A House Side Shield Ordering Instructions Separate Line Item

For D4A's 20w, 30w, Or 40w Units Part #: D4A-HSS-2R

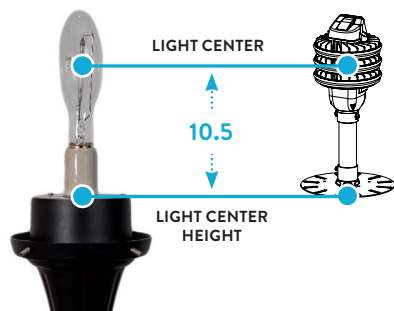
For D4A's 50w Or 60w Units Part #: D4A-HSS-3R

# D4A Fixed Plate

## Correct Light Position Creates Perfect Light Performance

### Mounting Height Calculations

#### EXAMPLE:



**Step 1:** Measure light center from current fixture

**Step 2:** Specify by adding "HXXX" to end of part # = Measured height in inches

**Ex: Measure of light center is 10.5 inches = H105**

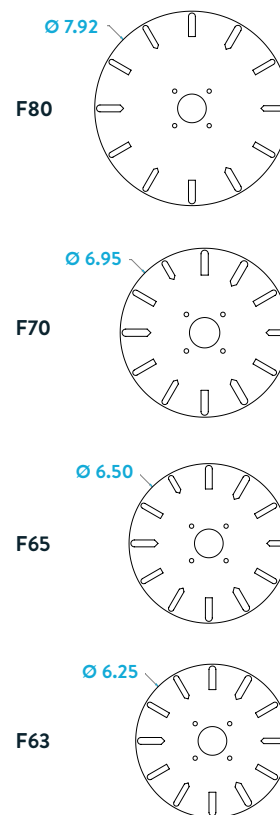
### Fixed Plate Kits \*

C## = Name Brand Fixed Plate Base Kits

Hadco Twist Lock Kit	<b>CHTL</b>	Mainstreet Lighting	<b>CL200</b>
Hadco Screw & Pin Plate	<b>CHSP</b>	Mainstreet Lighting	<b>CL300</b>
Holophane Arlington	<b>CHA9</b>	Mainstreet Lighting	<b>CL920</b>
Holophane Granville Classic	<b>CGVC</b>	Mainstreet Lighting	<b>CL470</b>
King Luminaire K38 Kit	<b>CK38</b>	Sternburg Spring Clip Kit	<b>CSBC</b>
King Luminaire K56 & K124 Kit	<b>CVSC</b>	Sternburg Top Hat Mount	<b>CSTH</b>
Lumec L72 Victorian	<b>CL72</b>	Visco/Lansing Fitter Bracket	<b>CVSC</b>
Mainstreet Lighting	<b>CL100</b>		

### Standard Fixed Mounting Plates

F##=Standard Fixed Plate Base Options



We are happy to create a custom bracket for your project, just contact us!

### Fixed Plate Ordering Instructions

STYLE	WATTS	REQUIRED PLACEHOLDER	CCT	TYPE	REQUIRED PLACEHOLDER	MOUNTING	BASE POSITION	DIMMING/CONTROL	CUSTOM	HEIGHT
D4A	-20 -30 -40 -50 -60	G	-22K -30K -40K -50K	-T5M	-NA	-C### -F###	D (BASE DOWN) OR U (BASE UP)	-STD (STANDARD OR NON DIMMING) -DIM (DIMMING, BT OR NODE CONTROL)	-GLB -PR7 -PRC -MSH -RGBW -C### -T3M	-H###

#### EXAMPLE #1

D4A-30G-30K-T5M-NA-CK38D-STD-H100 ↔ D4A, 30W Fixed Plate, 3000K CCT, Type 5 Distribution, NA, Custom Plate for King Luminaire, Base Down, Standard without Bluetooth Dimming Controls, with Height Set at H100 (10")

#### EXAMPLE #2

D4A-60G-40K-T5M-NA-F65D-DIM-T3M-H115 ↔ D4A, 60W, 4000K CCT, Type 3 Distribution, NA, Fixed Plate with Ø 6.95" Plate, Base Down, Dimming, Custom 11.5" Set Height, the type 3 Distribution to be set at factory with BT controls

NOTE: Dimming Control for PR7 & PRC Models Provided by User-Installed External Control Node, Shorting Caps NOT included. Bluetooth is not available for PR7 & PRC

NOTE: Type 3 MUST have Bluetooth Dimming Control | "GLB" = White Globe Optics | Base down for Post top | Base up for Pendant fixtures

# D4A Adaptive Light Source

## We do it all.

Proven Superior Performance in AEL, Cooper, GE, Hadco, Hanover, HCI, Holophane, King Luminaire, Lumec, Mainstreet Lighting, Pelco, Pemco, Sternberg, and more \*

IES Files available with the D4A inside of a wide variety of fixtures. Contact Vega for specific files.



**COMPATIBLE-** Our Products are designed and UL listed to work in the following products: \*

AEL® – American Electric Lighting

Cooper Lighting®

GE®

Holophane®

Hanover Lantern®

King Luminaire®

Philips Lumec®

Philips Hadco®

Pelco Lighting®

Pemco®

Sternberg Lighting®

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## VEGA Link IQ D4A

The easiest way to maximize the benefits and savings of VEGA control products with a simple to use smart phone interface!



VEGA Link IQ D4A

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