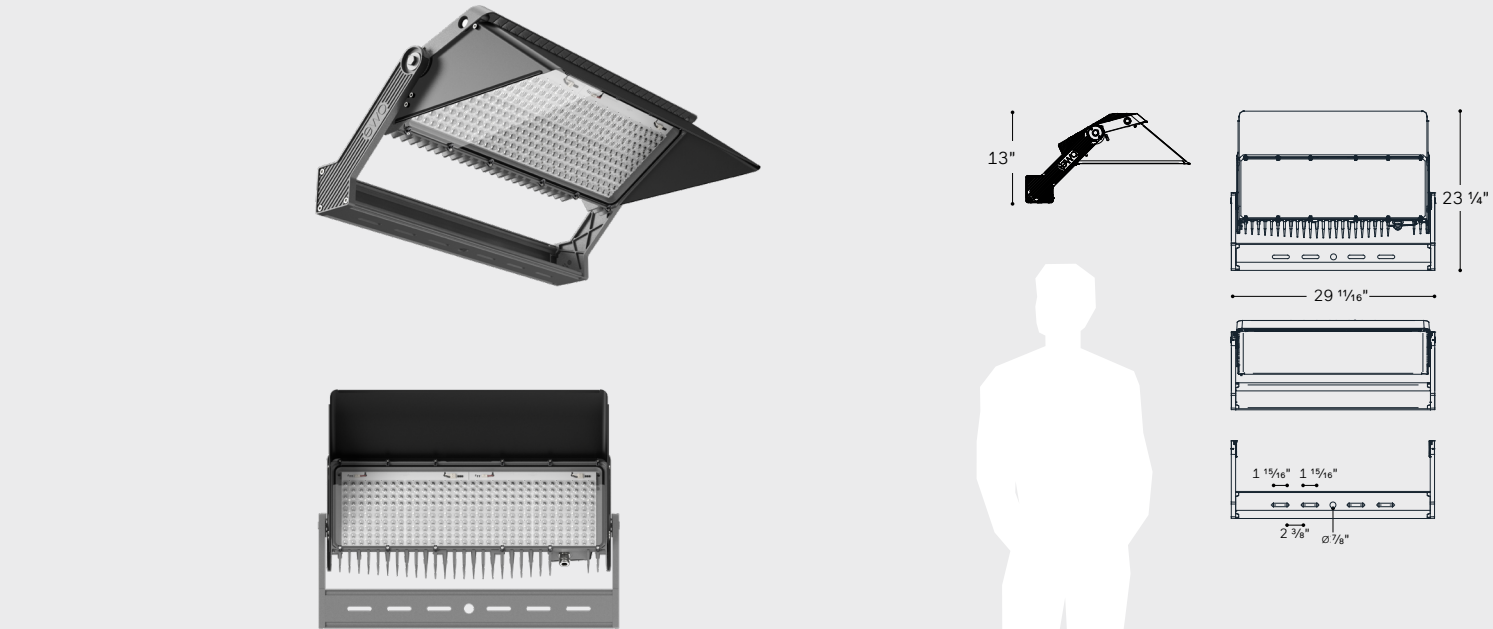




Configurator

CE RoHS IP66 IK08 UL/CSA STD

Housing

Housing material	Die-cast aluminum
Finish	Polyester powder coating (ewoECP upon request*)
Finish color	Black, other colors on request
Glass	EGS safety glass
Mounting options	Pole or wall
Bracket options	Standard or low profile yoke

* proprietary three step coating process to ensure extreme corrosion protections in environments such as salt water and chlorine

Electrical

A-Series

Protection class	I
Voltage [V], [Hz]	120-277, 50/60
Current max. [mA]	1,200
Current min. DALI [mA]	20
LED power [W]	1,157

Measurements

Model	①	②	Weight [lb]③
RIVAL (FCO 10°)	4.1	2.2	63.9
RIVAL (FCO 30°)	4.2	2.4	66.1
① Projected windage area [ft2] (Tilt 0°)			
② Lateral windage area [ft2] (Tilt 0°)			
③ Weight with bracket, Full-Cut-Off and driver (driver 15.4 lb)			

Operating conditions

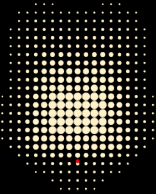
Lifetime	at 77°F
L70B10 projected	100,000 h (1,200 mA)
L80B10 projected	100,000 h (1,100 mA)
L90B10 projected	28,000 h (1,100 mA)

Driver (external)

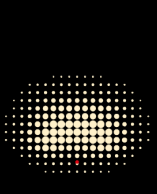
Control Options	ON OFF 0-10V DALI DMX X-RCM X	upon request	WIRELESS DMX NEMA ZHAGA CLOUD
Programming	Stand-alone Constant Lumen Output (CLO)		
Control accessories	Additional accessories upon request		
Smart lighting	connex-x smart lighting system (Leitfeld) for remote control, monitoring, and environmental sensing		



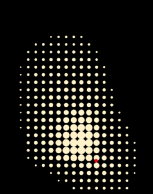
Precision lens optics



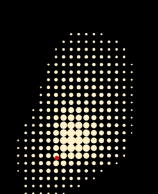
AFC01
Asymmetric extra forward
Type III Very Short



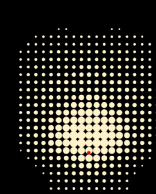
AF02
Asymmetric forward throw
Type II Very Short



AP10-L
Asymmetric Extra Forward – Left
Type IV Very Short



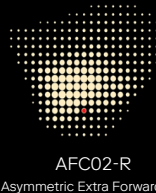
AP10-R
Asymmetric Extra Forward – Right
Type IV Very Short



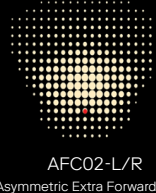
AP10-L/R
Asymmetric Extra Forward – L/R
Type IV Very Short



AFC02-L
Asymmetric Extra Forward – L
Type IV Short



AFC02-R
Asymmetric Extra Forward – R
Type IV Short



AFC02-L/R
Asymmetric Extra Forward – L/R
Type IV Short



3,000 K
CRI ≥ 70



4,000 K
CRI ≥ 70



5,700 K
CRI ≥ 70

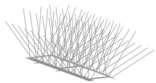
* additional light colors and CRI on request

Performance

Distribution	AFC01	AF02	AP10-L	AP10-R	AP10-L/R	AFC02-L	AFC02-R	AFC02-L/R
Beam angle	55°	44°	65°	65°	65°			
Full Cut Off (adjustable ±5°)	30°	30°	10°	10°	10°			
BUG Rating	B4 U0 G5	B4 U0 G4	B5 U0 G5	B5 U0 G5	B5 U0 G5	B4 U0 G5	B4 U0 G5	B4 U0 G5
Max Lumens per Watt	122.1	129	126.6	126.6	126.9	115.8	115.8	114.4

MacAdam ellipses (SDCM)	≤ 5 SDCM
Nr. of LEDs	320
Luminous flux [lm] (4,000 K)	146.600
Lum. efficiency up to (lm/W)	161

Accessories



Bird spikes



Laser Pointer



RedDot



Assembly slide

RIVAL



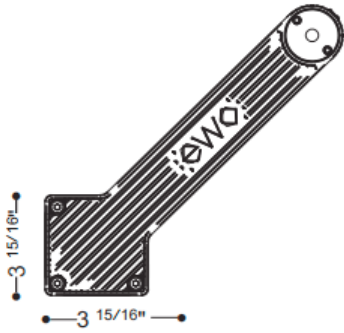
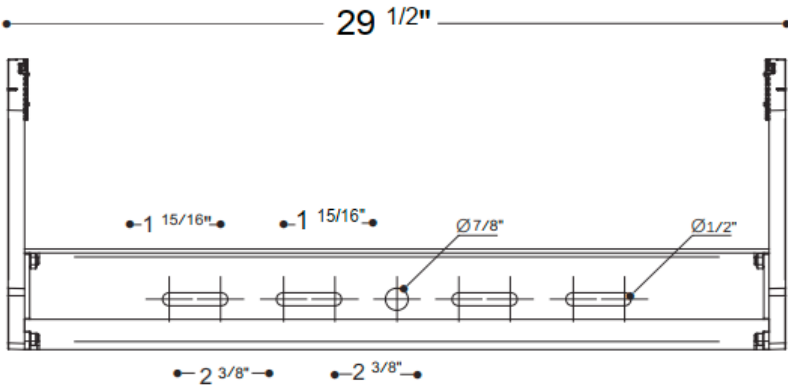
RIVAL

Optic*	Output*	CCT	External Accessory	Decorative Accessory	Internal Accessory	Cable	Finish	Mounting	Control	ECP*
AFC01 Asymmetric extra forward throw	500 mA 70409lm	3K - 3000K	RD - RedDot	BS - Bird Spikes	BL - Backlight Shield	3FT	Black	SB - Standard Bracket	0-10V	ECP
AFC02-L Asymmetric forward throw - left	550 mA 76435lm	4K - 4000K	LA - Laser	ND - None	NI - None	10FT	RAL____	LP - Low Profile Bracket	DMX	NoECP
AFC02-R Asymmetric forward throw - right	600 mA 82287lm	57K - 5700K	SL - Slide			15FT			DALI	* Enhanced Corrosion Protection
AFC02-L/R Asymmetric forward throw	650 mA 87965lm	* Other CCT on request	NE - None			____FT			DALI PSU	
AF02 Asymmetric forward throw	700 mA 93467lm							ZHAGA		
AP10-L Asymmetric extra side throw - left	750 mA 98795lm							NEMA		
AP10-R Asymmetric extra side throw - right	800 mA 103948lm							Wireless		
AP10-L/R Asymmetric extra forward throw	850 mA 108925lm								Cloud	
	900 mA 113726lm									
	950 mA 118349lm									
	1000 mA 122793lm									
	1050 mA 127057lm									
	1100 mA 131138lm									
	1150 mA 135035lm									
	1200 mA 138744lm									

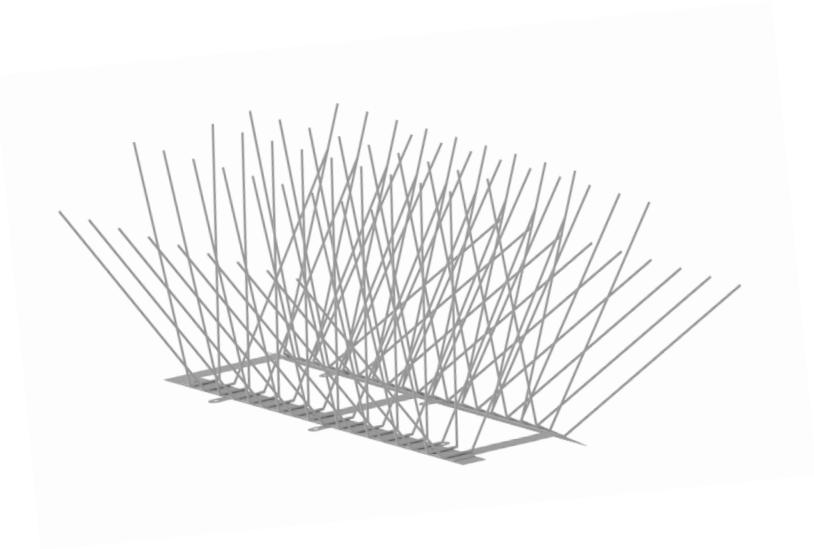
* Lumens based on AFC01 optic and 4000K CCT
* Other outputs on request

RIVAL accessories

Standard Bracket

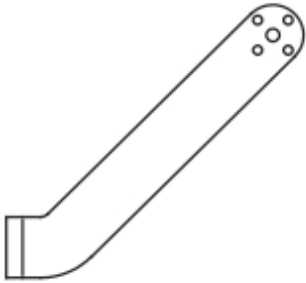
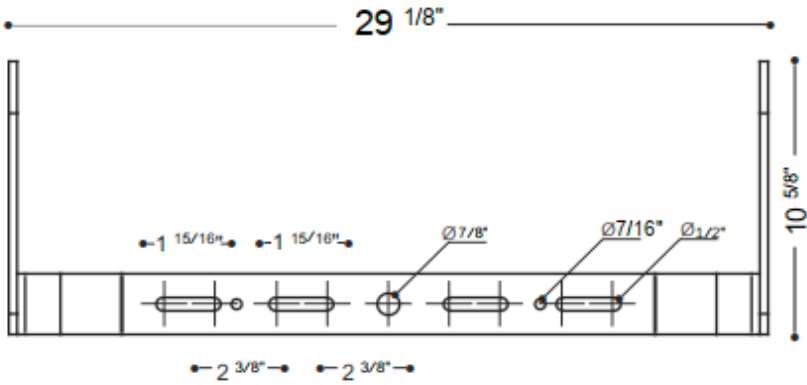


Bird Spikes



Spike Length - 7 3/16"

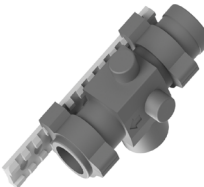
Low Profile Bracket



Laser Pointer



Assembly slide



RedDot