



Spine F 2 Ultra

Outdoor luminaire designed by Vincent Van Duysen

Description

Family of outdoor, professional and adjustable projectors designed by Vincent Van Duysen. The product is characterized by a minimalist and elegant design suitable for the most varied contexts, from residential to hotel environments.

Lamp

Lamps Type	Power LED
Wattage	4.1 W
Output Nominal	258 lm, 267 lm
Color Temperature	3000K, 4000K
Color rendering	CRI80

Optical

Beam Angle	6°
Lighting Type	Direct
Light Distribution	Symmetric

Physical

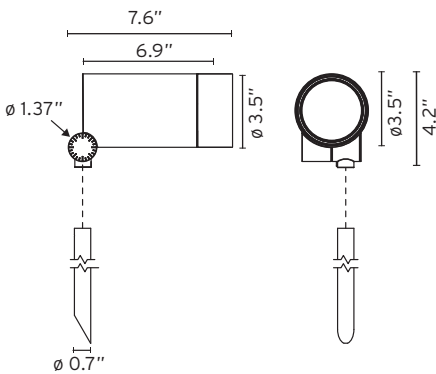
Material	Aluminum
Aiming	Adjustable
Weight	3.9 Pounds
Ingress Protection Rating	IP66
Finishes	Powder Coating

18 Deep Brown 30 Black



Finishes 01 White, 06 Grey, 12 Forest Green and 33 Anthracite, available on request.

01 06 12 33



Certifications



ADA Compliant

Suitable for Wet locations

Photometrics

For current IES files please visit professional.flos.com/en-US/us

Warranty

2 years from date of sale.

Installation type

Ground

Environment

Outdoor / Wet location



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Electrical & Control

Voltage	120 - 277V
Control	Non Dimmable and 1-10V
Driver	Integrated

Performance

Maximum delivered output	239 lm, 247 lm
Efficacy	62.9 lm/W

Notes

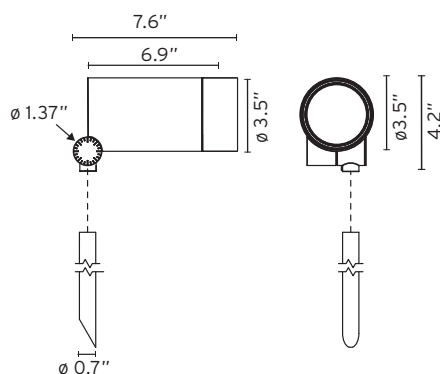
Painted versions are an exterior rated epoxy polyester powder coat finish for superior strength, heat and UV resistance.

During installation and maintenance avoid scratching or damaging the finish as it may result in premature corrosion of metal surfaces. Avoid cleaning fixtures with corrosive chemicals as it may result in voiding the warranty.

LED fixtures are highly susceptible to failure due to electrical effects from poor connections, and electrical short circuits. These are frequently caused by (a) overvoltage from primary voltage sources, (b) electrostatic discharge from the exterior environment.

Ensure that all outdoor fixtures are installed on GFI circuits as required by code, and use proper surge protecting devices to avoid irreversible damages to electrical components.

2200K and 2700K available on request.



Certifications



ADA Compliant

Suitable for Wet locations

Photometrics

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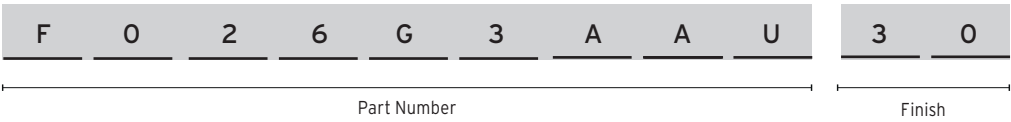
Warranty

2 years from date of sale.

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How to specify



Spine F 2 Ultra - Optic Narrow Spot


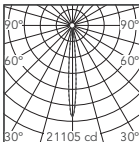







Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F026G3AAU30	Black	3000	4.1	258	239	6°	80	Non Dimmable	
F026G3AAU18	Deep Brown								
F026G4AAU30	Black	4000	4.1	267	247				
F026G4AAU18	Deep Brown								
F026G3ABU30	Black	3000	4.1	258	239	6°	80	Dimmable 1-10V	
F026G3ABU18	Deep Brown								
F026G4ABU30	Black	4000	4.1	267	247				
F026G4ABU18	Deep Brown								

Spine F 2 Ultra


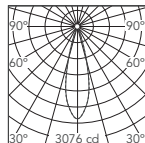







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How to specify

Spine F 2 Ultra - Optic Spot

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics																		
F026G3BAU30	 Black	3000	10.5	966	808	9.5°	80	Non Dimmable	<div><table><tr><th>m</th><th>Max</th><th>Med</th></tr><tr><td>1.00</td><td>2105</td><td>13721</td></tr><tr><td>2.00</td><td>5276</td><td>3430</td></tr><tr><td>3.00</td><td>2345</td><td>1525</td></tr><tr><td>4.00</td><td>1319</td><td>858</td></tr><tr><td>5.00</td><td>844</td><td>549</td></tr></table><p>$\alpha = 4.6' \times 4.6'$ $\beta = 4.6' \times 4.6'$ @3000K</p></div>	m	Max	Med	1.00	2105	13721	2.00	5276	3430	3.00	2345	1525	4.00	1319	858	5.00	844	549
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F026G3BAU18	 Deep Brown																										
F026G4BAU30	 Black	4000	10.5	1012	846																						
F026G4BAU18	 Deep Brown																										
F026G3BBU30	 Black	3000	10.5	966	808	9.5°	80	Dimmable 1-10V																			
F026G3BBU18	 Deep Brown																										
F026G4BBU30	 Black	4000	10.5	1012	846																						
F026G4BBU18	 Deep Brown																										

Spine F 2 Ultra - Optic Medium Flood


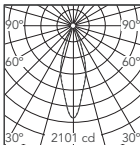
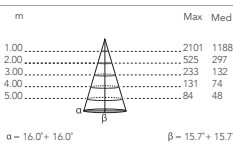







Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics																		
F026G3CAU30	 Black	3000	10.5	966	742	28°	80	Non Dimmable	<div><table><thead><tr><th>m</th><th>Max</th><th>Med</th></tr></thead><tbody><tr><td>1.00</td><td>3076</td><td>1930</td></tr><tr><td>2.00</td><td>769</td><td>483</td></tr><tr><td>3.00</td><td>342</td><td>214</td></tr><tr><td>4.00</td><td>192</td><td>121</td></tr><tr><td>5.00</td><td>123</td><td>77</td></tr></tbody></table><p>$\alpha = 13.6' \times 13.6'$ $\beta = 13.8' \times 13.8'$ @3000K</p></div>	m	Max	Med	1.00	3076	1930	2.00	769	483	3.00	342	214	4.00	192	121	5.00	123	77
m	Max									Med																	
1.00	3076	1930																									
2.00	769	483																									
3.00	342	214																									
4.00	192	121																									
5.00	123	77																									
F026G3CAU18	 Deep Brown																										
F026G4CAU30	 Black	4000	10.5	1012	767																						
F026G4CAU18	 Deep Brown																										
F026G3CBU30	 Black	3000	10.5	966	742	28°	80	Dimmable 1-10V																			
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Spine F 2 Ultra


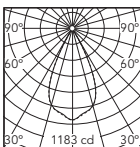
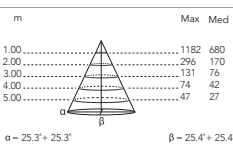







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How to specify

Spine F 2 Ultra - Optic Flood

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics	
F026G3DAU30	 Black	3000	10.5	966	721	33°	80	Non Dimmable	 	
F026G3DAU18	 Deep Brown									
F026G4DAU30	 Black	4000	10.5	1012	746					
F026G4DAU18	 Deep Brown									
F026G3DBU30	 Black	3000	10.5	966	721	33°	80	Dimmable 1-10V		
F026G3DBU18	 Deep Brown									
F026G4DBU30	 Black	4000	10.5	1012	746					
F026G4DBU18	 Deep Brown									

Spine F 2 Ultra - Optic Wide Flood


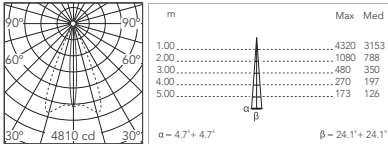







Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F026G3EAU30	 Black	3000	10.5	966	741	51°	80	Non Dimmable	 
F026G3EAU18	 Deep Brown								
F026G4EAU30	 Black	4000	10.5	1012	778				
F026G4EAU18	 Deep Brown								
F026G3EBU30	 Black	3000	10.5	966	741	51°	80	Dimmable 1-10V	
F026G3EBU18	 Deep Brown								
F026G4EBU30	 Black	4000	10.5	1012	778				
F026G4EBU18	 Deep Brown								

Spine F 2 Ultra


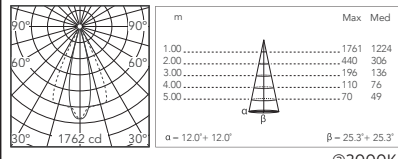







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How to specify

Spine F 2 Ultra - Optic Elliptical 1

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics	
F026G3FAU30	 Black	3000	10.5	966	744	9.5° x 48°	80	Non Dimmable		
F026G3FAU18	 Deep Brown									
F026G4FAU30	 Black	4000	10.5	1012	770					
F026G4FAU18	 Deep Brown									
F026G3FBU30	 Black	3000	10.5	966	744	9.5° x 48°	80	Dimmable 1-10V		
F026G3FBU18	 Deep Brown									
F026G4FBU30	 Black	4000	10.5	1012	770					
F026G4FBU18	 Deep Brown									

Spine F 2 Ultra - Optic Elliptical 2


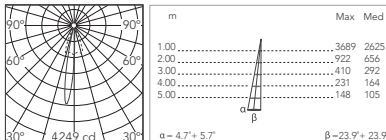







Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F026G3GAU30	 Black	3000	10.5	966	725	24° x 50°	80	Non Dimmable	
F026G3GAU18	 Deep Brown								
F026G4GAU30	 Black	4000	10.5	1012	750				
F026G4GAU18	 Deep Brown								
F026G3GBU30	 Black	3000	10.5	966	725	24° x 50°	80	Dimmable 1-10V	
F026G3GBU18	 Deep Brown								
F026G4GBU30	 Black	4000	10.5	1012	750				
F026G4GBU18	 Deep Brown								

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How to specify



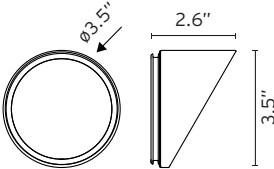
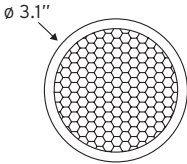
Spine F 2 Ultra - Optic Wall Washer

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics	
F026G3HAU30	 Black	3000	10.5	966	698		80	Non Dimmable		
F026G3HAU18	 Deep Brown									
F026G4HAU30	 Black	4000	10.5	1012	672					
F026G4HAU18	 Deep Brown									
F026G3HBU30	 Black	3000	10.5	966	698		80	Dimmable 1-10V		
F026G3HBU18	 Deep Brown									
F026G4HBU30	 Black	4000	10.5	1012	672					
F026G4HBU18	 Deep Brown									

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Optional Accessories

Visor	Honeycomb
<div><div>F026Z050018</div><div>F026Z050030</div></div>	<div>F026Z060000</div>
	
	

Converter Lenses	Pole with an overground length of 200 - 500 mm for ground installation.	
<div><div>- Converter Spine 2 Optic Medium Flood</div><div>- Converter Spine 2 Optic Flood</div><div>- Converter Spine 2 Optic Wide Flood</div><div>- Converter Spine 2 Optic Elliptic 1</div><div>- Converter Spine 2 Optic Elliptic 2</div><div>- Converter Spine 2 Optic Wall Washer</div></div> <div><div>F029Z020000</div><div>F029Z021000</div><div>F029Z022000</div><div>F029Z023000</div><div>F029Z024000</div><div>F029Z025000</div></div>	<div>7.8"</div> <div><div>F026Z020018</div><div>F026Z020030</div></div>	<div>19.6"</div> <div><div>F026Z030018</div><div>F026Z030030</div></div>

