



Spine T 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

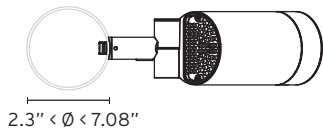
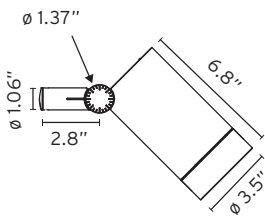
18 Deep Brown 30 Black



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

01 06 12 33

Installation type	On Pole
Environment	Outdoor / Wet location



Certifications



ADA Compliant

Suitable for Wet locations

Photometrics

For current IES files please visit [professional.flos.com/en-US/us](https://professional.flos.com/en-US/us)

Warranty

2 years from date of sale.





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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

For current IES files please visit [professional.flos.com/en-US/us](http://professional.flos.com/en-US/us)

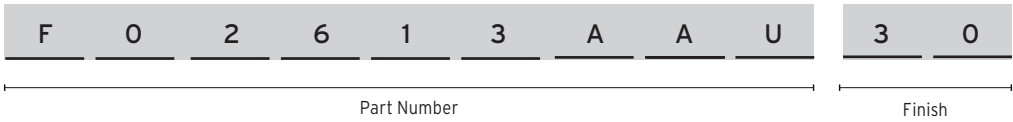
### Warranty

2 years from date of sale.


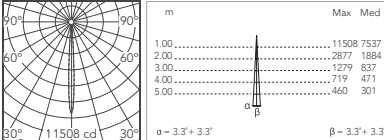







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How to specify



Spine T 2 Ultra - Optic Narrow Spot


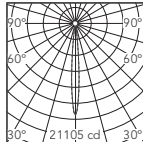







Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F02613AAU30	 Black	3000	4.1	258	239	6°	80	Non Dimmable	
F02613AAU18	 Deep Brown								
F02614AAU30	 Black	4000	4.1	267	247				
F02614AAU18	 Deep Brown								
F02613ABU30	 Black	3000	4.1	258	239	6°	80	Dimmable 1-10V	
F02613ABU18	 Deep Brown								
F02614ABU30	 Black	4000	4.1	267	247				
F02614ABU18	 Deep Brown								

## Spine T 2 Ultra


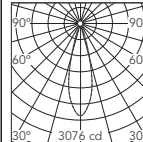







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### How to specify

#### Spine T 2 Ultra - Optic Spot

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics																		
F02613BAU30	 Black	3000	10.5	966	808	9.5°	80	Non Dimmable	 <table><thead><tr><th>m</th><th>Max</th><th>Med</th></tr></thead><tbody><tr><td>1.00</td><td>21105</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></tbody></table> <p>α = 4.6° ± 4.6°      β = 4.6° ± 4.6° @3000K</p>	m	Max	Med	1.00	21105	13721	2.00	5276	3430	3.00	2345	1525	4.00	1319	858	5.00	844	549
m	Max									Med																	
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F02613BAU18	 Deep Brown																										
F02614BAU30	 Black	4000	10.5	1012	846																						
F02614BAU18	 Deep Brown																										
F02613BBU30	 Black	3000	10.5	966	808	9.5°	80	Dimmable 1-10V																			
F02613BBU18	 Deep Brown																										
F02614BBU30	 Black	4000	10.5	1012	846																						
F02614BBU18	 Deep Brown																										

#### Spine T 2 Ultra - Optic Medium Flood


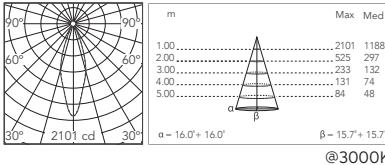







Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F02613CAU30	 Black	3000	10.5	966	742	28°	80	Non Dimmable	<div></div>
F02613CAU18	 Deep Brown								
F02614CAU30	 Black	4000	10.5	1012	767				
F02614CAU18	 Deep Brown								
F02613CBU30	 Black	3000	10.5	966	742	28°	80	Dimmable 1-10V	
F02613CBU18	 Deep Brown								
F02614CBU30	 Black	4000	10.5	1012	767				
F02614CBU18	 Deep Brown								

## Spine T 2 Ultra


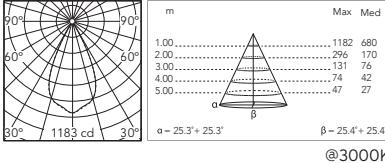







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### How to specify

#### Spine T 2 Ultra - Optic Flood

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F02613DAU30	 Black	3000	10.5	966	721	33°	80	Non Dimmable	
F02613DAU18	 Deep Brown								
F02614DAU30	 Black	4000	10.5	1012	746				
F02614DAU18	 Deep Brown								
F02613DBU30	 Black	3000	10.5	966	721	33°	80	Dimmable 1-10V	
F02613DBU18	 Deep Brown								
F02614DBU30	 Black	4000	10.5	1012	746				
F02614DBU18	 Deep Brown								

#### Spine T 2 Ultra - Optic Wide Flood


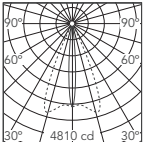







Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F02613EAU30	 Black	3000	10.5	966	741	51°	80	Non Dimmable	
F02613EAU18	 Deep Brown								
F02614EAU30	 Black	4000	10.5	1012	778				
F02614EAU18	 Deep Brown								
F02613EBU30	 Black	3000	10.5	966	741	51°	80	Dimmable 1-10V	
F02613EBU18	 Deep Brown								
F02614EBU30	 Black	4000	10.5	1012	778				
F02614EBU18	 Deep Brown								

## Spine T 2 Ultra


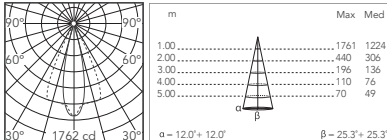







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### How to specify

#### Spine T 2 Ultra - Optic Elliptical 1

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics																		
F02613FAU30	 Black	3000	10.5	966	744	9.5° x 48°	80	Non Dimmable	 <table><thead><tr><th>m</th><th>Max</th><th>Med</th></tr></thead><tbody><tr><td>1.00</td><td>4320</td><td>3153</td></tr><tr><td>2.00</td><td>1080</td><td>788</td></tr><tr><td>3.00</td><td>480</td><td>350</td></tr><tr><td>4.00</td><td>270</td><td>197</td></tr><tr><td>5.00</td><td>173</td><td>126</td></tr></tbody></table> <p>α = 4.7° x 4.7°      β = 24.1° x 24.1° @3000K</p>	m	Max	Med	1.00	4320	3153	2.00	1080	788	3.00	480	350	4.00	270	197	5.00	173	126
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F02614FAU30	 Black	4000	10.5	1012	770																						
F02614FAU18	 Deep Brown																										
F02613FBU30	 Black	3000	10.5	966	744	9.5° x 48°	80	Dimmable 1-10V																			
F02613FBU18	 Deep Brown																										
F02614FBU30	 Black	4000	10.5	1012	770																						
F02614FBU18	 Deep Brown																										

#### Spine T 2 Ultra - Optic Elliptical 2


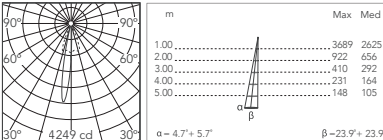







Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics	
F02613GAU30	 Black	3000	10.5	966	725	24° x 50°	80	Non Dimmable		
F02613GAU18	 Deep Brown									
F02614GAU30	 Black	4000	10.5	1012	750					
F02614GAU18	 Deep Brown									
F02613GBU30	 Black	3000	10.5	966	725	24° x 50°	80	Dimmable 1-10V		
F02613GBU18	 Deep Brown									
F02614GBU30	 Black	4000	10.5	1012	750					
F02614GBU18	 Deep Brown									

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How to specify



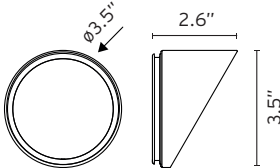
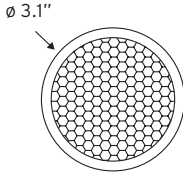
Spine T 2 Ultra - Optic Wall Washer

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F02613HAU30	 Black	3000	10.5	966	698		80	Non Dimmable	
F02613HAU18	 Deep Brown								
F02614HAU30	 Black	4000	10.5	1012	672				
F02614HAU18	 Deep Brown								
F02613HBU30	 Black	3000	10.5	966	698		80	Dimmable 1-10V	
F02613HBU18	 Deep Brown								
F02614HBU30	 Black	4000	10.5	1012	672				
F02614HBU18	 Deep Brown								

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Optional Accessories

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

Converter Lenses
<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>
