VARIO 60 P HV SURFACE

Color

E12C0000-

base number

Finish Lens Temperature Options Options

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Vario
Subseries: Vario 60 P HV
Brand: Unonovesette
Division: Exterior
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Cylinder
Diameter (mm): 62
Diameter (in): $2\frac{7}{16}$
Height (mm): 130
Height (in): $5\frac{1}{8}$
Light Distribution: Direct
Diffuser: Extra clear tempered / Frosted glass 6mm
Fixture Finish: ABA / ANA / ASB
Fixture Material: Machined Anticorodal Aluminium
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 9
Dimming: Non-Dimming / Phase Dimming (120vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current 120Vac
Driver Class: Class 2
Input Voltage (V): 120
Upon Request: Remote: 0-10Vdc Dimming
LED
Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 720 (3000)
CRI: >90 CRI
Lamp Life (hrs): 100000
OPTICAL
OPTICAL Optic°: 10 / 30 / 50 / 1045 Adjustability: Rotational 355°

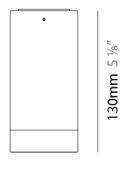
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
ID rating: IDCC	

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IK Rating: IK08		

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QUANTITY			
DATE			





Ø62mm 2 7/16"



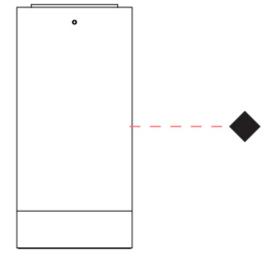


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VARIO 60 P HV SURFACE

E12C0000-



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VARIO 60 SURFACE

E12F0000-

base number	Color	Finish	
	Temperature	Options	

1. To build a product code in our configurator select the specify button on the base model # product page

Lens Options

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Vario
Subseries: Vario 60
Brand: Unonovesette
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood
PHYSICAL
Shape: Cylinder
Diameter (mm): 60
Diameter (in): 2 ³ / ₈
Height (mm): 116
Height (in): $4\frac{9}{16}$
Light Distribution: Adjustable / Direct
Weight (kg): 0.5
Weight (lbs): 1.102
Installation Requirement: Surface mounted / Spike / Tree strap
Diffuser: Extra clear tempered / Frosted glass 6mm
Fixture Finish: ABA / ANA / ASB
Fixture Material: Machined Anticorodal Aluminium
Cable Details: 350mm NS20N PCP 2x0.5 mm2
ELECTRICAL

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 5.5
Total Output Wattage (W): 5
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
LED

Number of LEDs: 1	
Color Temperature (°K): 2700 / 3000 / 4000	
Max. Delivered Lumen (lm): 415 (3000K)	
CRI: >90 CRI	

OPTICAL

Optic°: 10 / 30 / 50 / 10x45 / 45x10

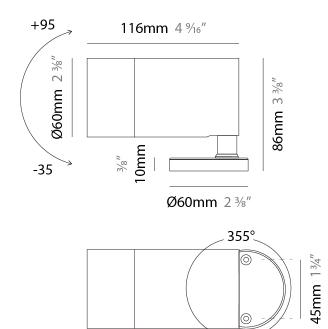
Lamp Life (hrs): 100000

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP66
IK Rating: IK08

PROJECT				
TYPE				
SPECIFIER	,			
QUANTITY				
DATE				





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E12F0000-

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VARIO 40 SURFACE

E12F0002-

base number	Color	Finish
	Temperature	Options

1. To build a product code in our configurator select the specify button on the base model # product page

Lens Options

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Vario
Subseries: Vario 40
Brand: Unonovesette
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood
PHYSICAL
Shape: Cylinder
Diameter (mm): 44
Diameter (in): 1 ³ / ₄
Height (mm): 101
Height (in): 4
Light Distribution: Adjustable / Direct
Weight (kg): 0.27
Weight (lbs): 0.59
Installation Requirement: Surface mounted / Spike / Tree strap
Diffuser: Extra clear tempered / Frosted glass 3mm
Fixture Finish: ABA / ANA / ASB
Fixture Material: Anodized Aluminum 6026 / Machined Aged Brass
Cable Details: 350mm NS20N PCP 2x0.5 mm2
ELECTRICAL

Lamp Type: LED
Total Output Wattage (W): 2.6
Dimming: Non-Dimmable / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24

LED

Number of LEDs: 1	
Color Temperature (°K): 2200 / 2700	/ 30

Color Temperature (°K): 2200 / 2700 / 3000 / 4000	
Nominal Lumen (lm): 110 / 160 / 210 / 270	
CRI: >90 CRI	
Lamp Life (hrs): 100000	

OPTICAL

Optic [°] : 10	/ 23 / 43 /	10x40	40x10/

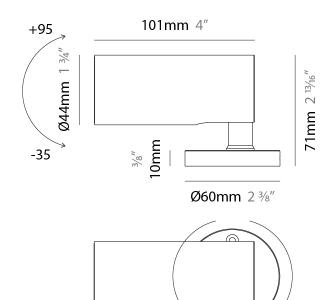
Beam Angle: Narrow / Medium / Wide / Elliptical	
Adjustability: Rotational 355°	

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP66	
IK Rating: IK07	

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





355°

F

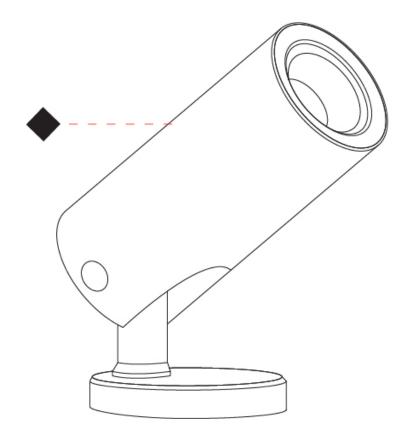
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VARIO 40 SURFACE

E12F0003-

base number	Color	Finish	
	Temperature	Options	

1.To build a product code in our configurator select the specify button on the base model # product page

Lens Options

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Vario
Subseries: Vario 40
Brand: Unonovesette
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood
PHYSICAL
Shape: Cylinder
Diameter (mm): 44
Diameter (in): 1 ³ / ₄
Height (mm): 101
Height (in): 4
Light Distribution: Adjustable / Direct
Weight (kg): 0.27
Weight (lbs): 0.59
Installation Requirement: Surface mounted / Spike / Tree strap
Diffuser: Extra clear tempered / Frosted glass 3mm
Fixture Finish: ABA / ANA / ASB
Fixture Material: Anodized Aluminum 6026 / Machined Aged Brass
Cable Details: 350mm NS20N PCP 2x0.5 mm2
ELECTRICAL

Lamp Type: LED
Total Output Wattage (W): 3.6
Dimming: Non-Dimmable / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24

LED

Number of LEDs: 1
Color Temperature (°K): 2200 / 2700 / 3000 / 4000

Nominal Lumen (lm): 173 / 233 / 283 / 343
CRI: >90 CRI
Lamp Life (hrs): 100000

OPTICAL

Optic [°] : 10	123	/ 43	/ 10x40	/ 40x10
ODUC . 10	123	143	/ 10,40	/ 40/10

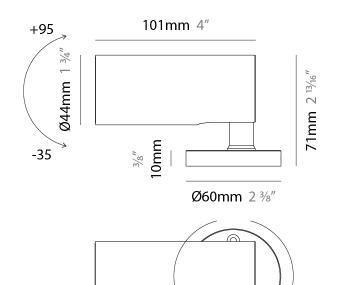
Beam Angle: Narrow / Medium / Wide / Elliptical	
Adjustability: Rotational 355°	

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards				
IP rating: IP66				
IK Rating: IK07				

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355°

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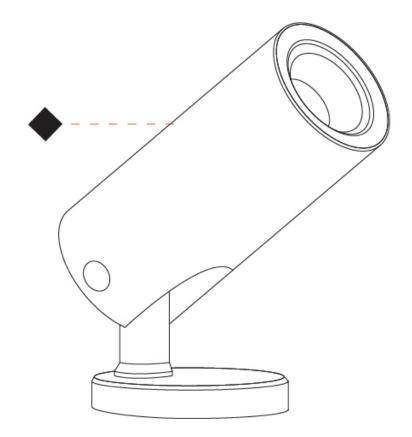
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E12F0003-

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VARIO 60 SURFACE

E12F0004-

base number Color Finish Temperature Options

1. To build a product code in our configurator select the specify button on the base model # product page

Lens

Options

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Vario
Subseries: Vario 60
Brand: Unonovesette
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood
PHYSICAL
Shape: Cylinder
Diameter (mm): 60
Diameter (in): 2 ³ / ₈
Height (mm): 116
Height (in): $4\frac{9}{16}$
Light Distribution: Adjustable / Direct
Weight (kg): 0.5
Weight (lbs): 1.102
Installation Requirement: Surface mounted / Spike / Tree strap
Diffuser: Extra clear tempered / Frosted glass 6mm
Fixture Finish: ABA / ANA / ASB
Fixture Material: Machined Anticorodal Aluminium
Cable Details: 350mm NS20N PCP 2x0.5 mm2
ELECTRICAL

ELECTRICAL

Lamp	Type: LED
Input	Wattage (W): 10.2
Total	Output Wattage (W): 9
Dimm	ing: Non-Dimmable / 0-10V Dimming
Driver	r Included: No
Driver	Location: Remote
Driver	⁻ Type: Constant Voltage - Universal
Driver	Class: Class 2
Input	Voltage (V): 120 - 277
Outpu	ut Voltage (V): 24

LED

Number of LEDs: 1	
Color Temperature (°K): 2700 / 3000 / 4000	
Max. Delivered Lumen (lm): 720 (3000K)	

CRI: >90 CRI Lamp Life (hrs): 100000

OPTICAL

Optic[°]: 10 / 30 / 50 / 10x45 / 45x10

Beam Angle: Narrow / Medium / Wide / Elliptical

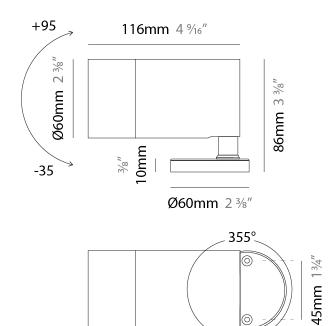
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP66 IK Rating: IK08

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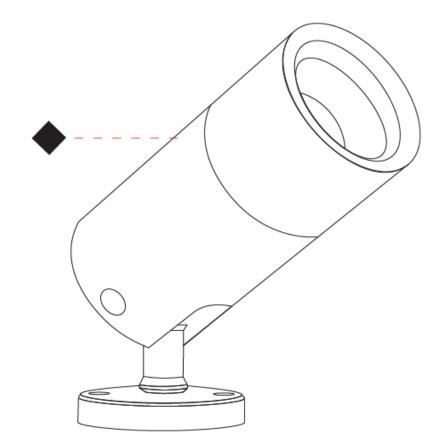
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VARIO 60 SURFACE

E12F0005-

base number	Color	Finish
	Temperature	Options

1. To build a product code in our configurator select the specify button on the base model # product page

Lens Options

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Vario
Subseries: Vario 60
Brand: Unonovesette
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood
PHYSICAL
Shape: Cylinder
Diameter (mm): 60
Diameter (in): 2 $\frac{3}{8}$
Height (mm): 116
Height (in): 4 ⁹ / ₁₆
Light Distribution: Adjustable / Direct
Weight (kg): 0.5
Weight (lbs): 1.102
Installation Requirement: Surface mounted / Spike / Tree strap
Diffuser: Extra clear tempered / Frosted glass 6mm
Fixture Finish: ABA / ANA / ASB
Fixture Material: Machined Anticorodal Aluminium
Cable Details: 350mm NS20N PCP 2x0.5 mm2
ELECTRICAL

ELECTRICAL

Lamp Type: LED
Total Output Wattage (W): 11
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
LED

Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 4000	
Max. Delivered Lumen (lm): 840 (3000K)	
CRI: >90 CRI	

Lamp Life (hrs): 100000

OPTICAL

Optic°: 10 /	30 /	50 /	/ 10x45 /	45x10

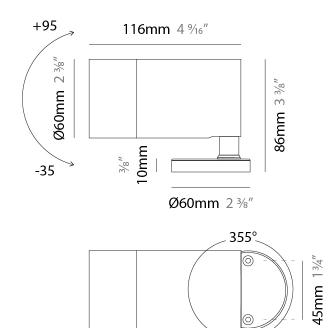
Beam Angle: Narrow / Medium / Wide / Elliptical

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP66	
IK Rating: IK08	

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E12F0005-

PROJECT

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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VARIO 60 SURFACE

E12F0006-

base number Finish Lens Options Options

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Vario
Subseries: Vario 60
Brand: Unonovesette
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood
PHYSICAL
Shape: Cylinder
Diameter (mm): 60
Diameter (in): $2\frac{3}{8}$
Height (mm): 116
Height (in): $4\frac{9}{16}$
Light Distribution: Adjustable / Direct
Weight (kg): 0.5
Weight (lbs): 1.102
Installation Requirement: Surface mounted / Spike / Tree strap
Diffuser: Extra clear tempered / Frosted glass 6mm
Fixture Finish: ABA / ANA / ASB
Fixture Material: Machined Anticorodal Aluminium
Cable Details: 350mm NS20N PCP 2x0.5 mm2
ELECTRICAL

ELECTRICAL

Lamp Type: LED
Total Output Wattage (W): 12
Dimming: Phase Dimming (120Vac Only)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350

LED

Number of LEDs: 1
Color Temperature (°K): 1800-3000 - Dim to Warm
Max. Delivered Lumen (lm): 824 to 22
CRI: >90 CRI
Lamp Life (hrs): 100000
Special LEDs offerings: Dim to Warm

OPTICAL

0	nti	c°.	20	/ 40
U	μι	ι.	20	140

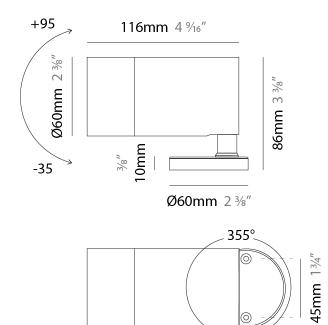
•	بريطة التطاصط مريا	Detetional 2559
A	ijustability:	Rotational 355°

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards		
IP rating: IP66		
IK Rating: IK08		

DATE			
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VARIO 60 SURFACE

E12F0007-

Finish Options base number

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Vario
Subseries: Vario 60
Brand: Unonovesette
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood
PHYSICAL
Shape: Cylinder
Diameter (mm): 60
Diameter (in): $2\frac{3}{8}$
Height (mm): 116
Height (in): 4 ⁹ / ₁₆
Light Distribution: Adjustable / Direct
Weight (kg): 0.5
Weight (lbs): 1.102
Installation Requirement: Surface mounted / Spike / Tree strap
Diffuser: Extra clear tempered / Frosted glass 6mm
Fixture Finish: ABA / ANA / ASB
Fixture Material: Machined Anticorodal Aluminium
Cable Details: 350mm NS20N PCP 2x0.5 mm2
ELECTRICAL



PROJECT TYPE SPECIFIER



Lamp Type: LED
Input Wattage (W): 9
Dimming: DMX
Control Gear: DMX
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700
LED

Number of LEDs: 1

Color Temperature (°K): RGBW	
CRI: >90 CRI	
Lamp Life (hrs): 100000	
Special LEDs offerings: RGBW	

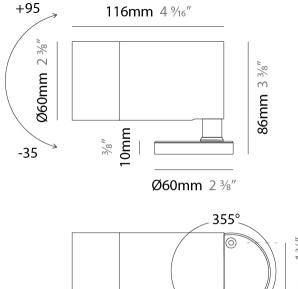
OPTICAL

Optic°: 35

Adjustability: Rotational 355°

RATINGS AND CERTIFICATIONS

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IK Rating: IK08	



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F



E12F0007-

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SPECIFIER			
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VARIO 33 ZOOM SURFACE

E12F0010-

base number Col Ten

Total Output Wattage (W): 2.2

Driver Included: No Driver Location: Remote

Driver Class: Class 2 Input Voltage (V): 120 Output Voltage (V): 24

Number of LEDs: 1

Lamp Life (hrs): 100000

Adjustability: Rotational 355° RATINGS AND CERTIFICATIONS

CRI: >90 CRI

OPTICAL Opticº: Zoom 6 - 52

IP rating: IP66 IK Rating: IK08

LED

Dimming: Non-Dimmable / 0-10V Dimming

Driver Type: Constant Voltage - 120Vac

Color Temperature (°K): 2200 / 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 140 (3000K)

Certified By: Certified for North American Standards

or	Finish
nperature	Options

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

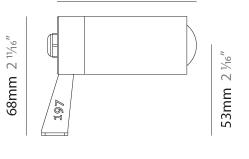
GENERAL

Series: Vario
Subseries: Vario 33 Zoom
Brand: Unonovesette
Division: Exterior
Mounting Type: Surface
Mounting Location: Above Ground
Subcategory: Flood
PHYSICAL
Shape: Cylinder
Diameter (mm): 33
Diameter (in): $1\frac{5}{16}$
Length (mm): 88.5
Length (in): $3\frac{1}{2}$
Height (mm): 68
Height (in): 2 ¹¹ / ₁₆
Light Distribution: Adjustable / Direct
Weight (kg): 0.42
Weight (lbs): 0.93
Installation Requirement: Surface mounted / Spike
Diffuser: Extra clear tempered / Frosted glass 6mm
Fixture Finish: ABA / ANA / ASB
Fixture Material: Machined Anticorodal Aluminium
Cable Details: 350mm NS20N PCP 2x0.5 mm2
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 2.8

PROJECT		
ТҮРЕ		
SPECIFIER		
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DATE		



79.5mm 3 1/8"



74mm 2 15/16"



88.5mm 3 1/2"

F

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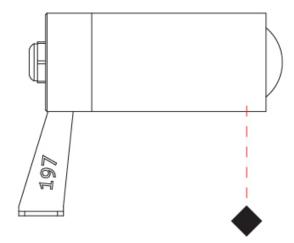
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VARIO 33 ZOOM SURFACE

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DATE			



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Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com. In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

Ε



VARIO

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			

Fixture Finish

Black anodized - ABA





Machined aged solid brass - ASB



Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens. Physical: When texture is involved, there will be variations in color, character and tone within a product series and between product families.



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VARIO

PROJECT

TYPE

SPECIFIER QUANTITY

DATE

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LEGEND
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					and state to the second state of the second st
<u>↓</u>	floor-mounted	¥	pivotable	\circledast	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	U	rotating	0	warm dim / natural dimming LED
Î	ceiling-mounted and wall-mounted	Œ	illuminate tilted	Ø	rechargeable battery powered
\rightarrow	wall-mounted	T	color of suspension cable	1111 1100	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	~	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	€К	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
	indirect light distribution	*	lens	₩.	efficacy (lumens per watt)
	asymmetric light distribution	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
X	aura light distribution	0	shine ring	318	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	\odot	integrated shine ring with diffuser	٢	walk on
5	square wall or ceiling cut-out	Ċ	free individual colors 01-29	۲	drive on
d de	the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	Osc	Dark Sky Compliance
(++) M++	minimum distance (meters) lamp - object	٠	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
£	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
1	ceiling thickness in mm		luminaire part to be colored (F3)	٢	blown glass using traditional methods by master glass blower
♠	ceiling thickness selection		luminaire part to be colored (F4)	(ه)	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class l, protection insulation
6	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
Y	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
シ	sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
	remote control	\odot	ball-proof (upon request)	S .	CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	(\mathbf{Z})	Certified for North American Standards

IP RATING

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
IP65	protected against ingress of dust protected against jets of water
IP66	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

КО1	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
КОЗ	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
КО5	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
КОб	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
КОВ	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
1609	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)