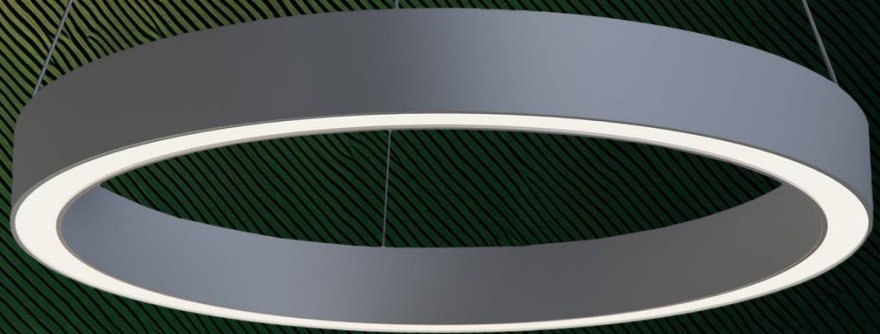


genesis  ne



Vesta Orbit Series

LED Circular

Vesta Orbit Series

The Vesta Orbit Circular Series is a sleek, modern lighting solution engineered to provide uniform and stylish illumination in contemporary environments. Available in three striking diameters— $\Phi 600\text{mm}$, $\Phi 900\text{mm}$, and $\Phi 1200\text{mm}$ —this series features a range of profile sizes in an elegant black finish that complements a wide array of interiors.

Delivering focused downward light through a high-quality PC diffuser, the Orbit Series creates a clean, comfortable ambiance ideal for offices, lobbies, and modern residential spaces. With excellent colour consistency and a CRI of 85, it ensures accurate colour rendering and visual clarity.

Each fixture offers efficient performance at approximately 75 lumens per watt with a wide 109° beam angle. It comes pre-fitted with a clear 1650mm 3-PIN power cable and an internal (8080 & 10080) non-dimmable driver for quick installation and reliable operation.

Installation options include Surface/Pendant mounting for models 6080, 8080, and 10080, and recessed mounting for models 5435, 7435, and 9435.

Designed for both function and form, the Vesta Orbit Series delivers refined performance in a minimalist design that integrates seamlessly into any architectural setting.





Inspiration



Inspired by the elegance of celestial motion and minimalist design, the Orbit Circular Series brings a sense of harmony and sophistication to any space. Its clean, circular form reflects the natural symmetry of planetary orbits, offering a sculptural presence that feels both dynamic and balanced. The bold black finish and seamless curve deliver a modern architectural statement, while its consistent ring of soft, downward light adds a touch of quiet refinement. Designed to be more than just illumination, Orbit Series embodies the beauty of geometry and light in perfect union.

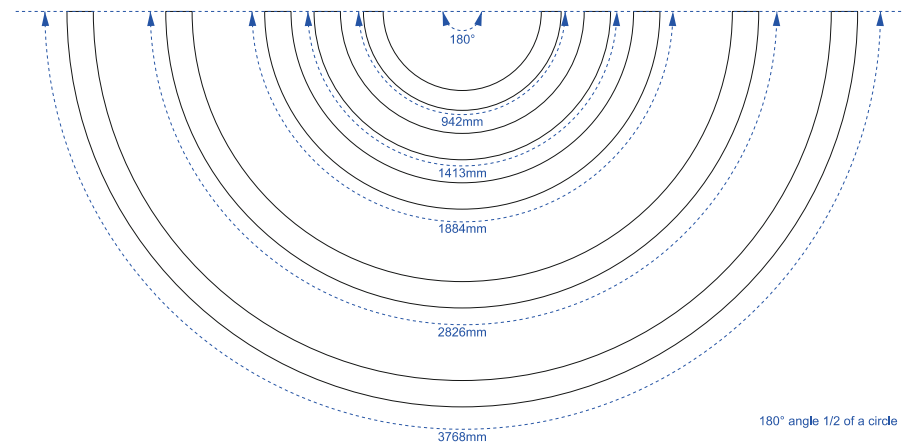
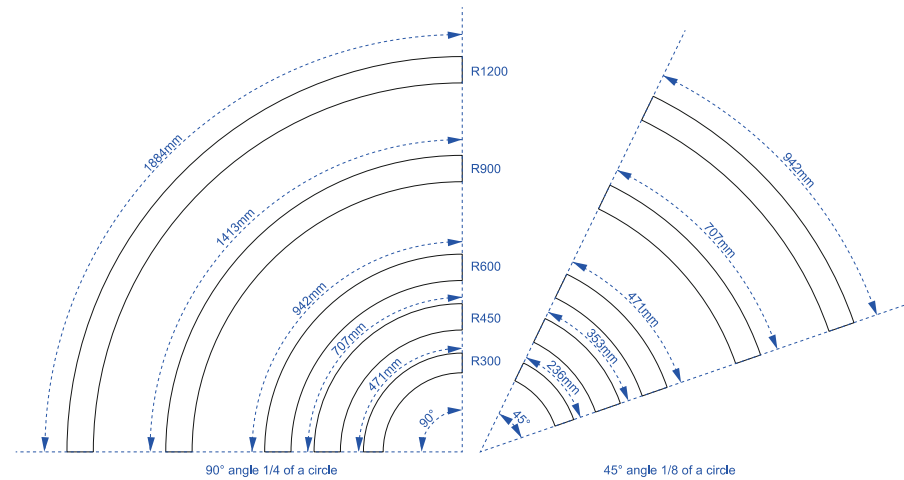
Human Centric

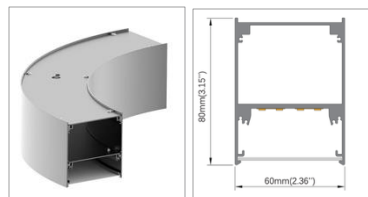


The Orbit Series is crafted with human well-being at its core, offering clear and comfortable lighting that enhances the functionality and mood of any environment. With a consistent colour temperature and a high CRI of 85, it provides natural, accurate light that supports productivity, focus, and visual comfort. The wide 109° beam angle ensures even distribution, minimizing shadows and glare—ideal for workspaces, collaborative areas, or social settings. Available in three sizes to suit varying spatial needs, the Orbit Series is a lighting solution that adapts to people, not the other way around.

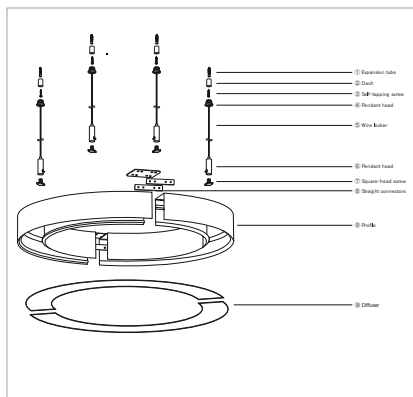


Outer round radius: R300/450/600/900/1200mm





MODEL	Vesta Orbit 6080 series (Downward lighting)
WATTAGE	25W/Meter 1467 LM/Meter
CRI	80
CCT	3000K 4000K 5000K 5700K
BEAM ANGLE	109°
MATERIAL	Black White Aluminum Alloy, Polycarbonate
DRIVER	Constant Voltage Internal LED driver included
APPLICATION	Offices, Boardrooms, Reception, Library, Study Areas etc



Model	Watts	Power	DxH(mm)	Diameter(mm)	Length(mm)	Lumen (lm/m)	Lumen (lm/w)
O6080	35W	19.2W/m	ø600mmx80(W)x80(H)	ø600	1884	1467	75
	55W		ø900mmx80(W)x80(H)	ø900	2826		
	70W		ø1200mm x80(W)x80(H)	ø1200	3768		

ORDERING INFORMATION

Example: O6080-N-70-40-120-B

Model	Dimming	Wattage	CCT	Overall	Colour
O6080	N	90	40	120	B Black
O6080	N NonDim	35	30 3000K	060 600mm	B Black
	T Triac Dim	55	40 4000K	090 900mm	W White
	V 0/1-10V Dim	70	50 5000K	120 1200mm	
	D DALI Dim		57 5700K		
			RW RGBW		

OPTICAL DATA

Light Source	SMD 2835
Correlated Colour Temperature (CCT)	3000K ~ 6500K +RGBW
Colour Rendering Index (CRI)	>80 standard;
SDCM	<3
Beam Angle	109° (standard)

PERFORMANCE

System Wattage	35W 55W 70W
Luminous Flux(±10%)	2800lm 4150lm 5550lm
Luminaire Efficacy	75lm/W

OPERATING CONDITIONS

Operating Temperature (Ta)	-30° to +45°C
Mounting Options	Suspended Surface

HOUSING & FINISH

Housing Material	Aluminum Alloy
Optic Material	Polycarbonate
Housing Finish	Powder Coating
Housing Colour	Black White
IP Rating	IP20
IK Rating	IK5

ELECTRICAL DATA

Protection Class	Class 1
Nominal Voltage	AC220-240V 50-60 Hz
Power Factor	>0.95
Surge Protection (Kv)	-
Control Protocol	DALI, 1-10V

Power Supply	BOKE\OSRAM\TRIDONIC
Driver Type	Constant Voltage (CV)
Total Harmonic Distortion (THD)	IEC 61000-3-2 Class C <20%
Inrush Current	27A
Driver Lifetime	>100,000hrs

Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015
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TECHNICAL DATA

Certifications	ENEC/CB/SAA/TUV-CE/ROHS
Warranty	5 Year
Documentation	LM-79 / LM-80 / ISTMT / TM-21
Testing Standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

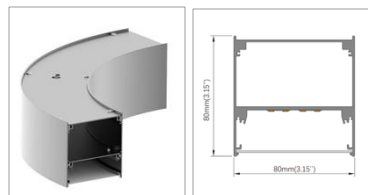
LIFETIME OF THE LEDS @ TA 25°C

Lifetime @L70 (Tm-21)	>50,000hrs
Lifetime @L80 (Tm-21)	
Lifetime @L90 (Tm-21)	
Switching Cycles	<50,000hrs

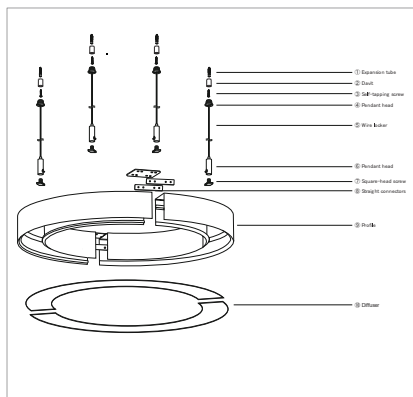
PHOTOMETRIC DATA



110°



MODEL	Vesta Orbit 8080 series (Downward lighting)
WATTAGE	25W/Meter 1911 LM/Meter
CRI	80
CCT	3000K 4000K 5000K 5700K
BEAM ANGLE	109°
MATERIAL	Black White Aluminum Alloy, Polycarbonate
DRIVER	Constant Voltage Internal LED driver included
APPLICATION	Offices, Boardrooms, Reception, Library, Study Areas etc



Model	Watts	Power	DxH(mm)	Diameter(mm)	Length(mm)	Lumen (lm/m)	Lumen (lm/w)
O8080	50W	25W/m	ø600mmx80(W)x80(H)	ø600	1884	1911	75
	70W		ø900mmx80(W)x80(H)	ø900	2826		
	90W		ø1200mm x80(W)x80(H)	ø1200	3768		

ORDERING INFORMATION

Example: **O8080-N-90-40-120-B**

Replaces the old product code: O120N/90408080A

Model	Dimming	Wattage	CCT	Overall	Colour
O8080	N	90	40	120	B Black
O8080	N NonDim	50	30 3000K	050 500mm	B Black
	T Tfac Dim	70	40 4000K	090 900mm	W White
	V 0/1-10V Dim	90	50 5000K	120 1200mm	
	D DALI Dim		57 5700K		
			RW RGBW		

OPTICAL DATA

Light Source	SMD 2835
Correlated Colour Temperature (CCT)	3000K ~ 6500K +RGBW
Colour Rendering Index (CRI)	>80 standard;
SDCM	<3
Beam Angle	109° (standard)

PERFORMANCE

System Wattage	50W 70W 90W
Luminous Flux(±10%)	3600lm 5400lm 7200lm
Luminaire Efficacy	75lm/W

OPERATING CONDITIONS

Operating Temperature (Ta)	-30° to +45°C
Mounting Options	Suspended Surface

HOUSING & FINISH

Housing Material	Aluminum Alloy
Optic Material	Polycarbonate
Housing Finish	Powder Coating
Housing Colour	Black White
IP Rating	IP20
IK Rating	IK5

ELECTRICAL DATA

Protection Class	Class 1
Nominal Voltage	AC220-240V 50-60 Hz
Power Factor	>0.95
Surge Protection (Kv)	-
Control Protocol	DALI, 1-10V

Power Supply	BOKE\OSRAM\TRIDONIC
Driver Type	Constant Voltage (CV)
Total Harmonic Distortion (THD)	IEC 61000-3-2 Class C <20%
Inrush Current	27A
Driver Lifetime	>100,000hrs

EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015

TECHNICAL DATA

Certifications	ENEC/CB/SAA/TUV-CE/ROHS
Warranty	5 Year
Documentation	LM-79 / LM-80 / ISTMT / TM-21
Testing Standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

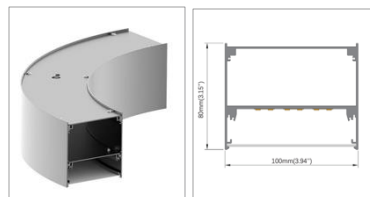
LIFETIME OF THE LEDS @ TA 25°C

Lifetime @L70 (Tm-21)	>50,000hrs
Lifetime @L80 (Tm-21)	
Lifetime @L90 (Tm-21)	
Switching Cycles	<50,000hrs

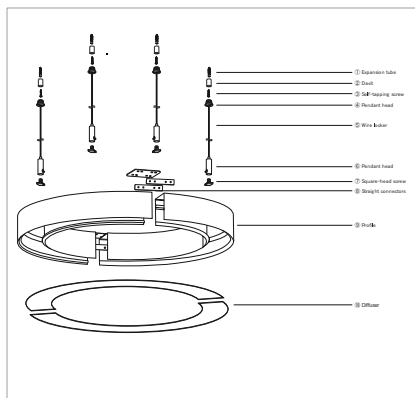
PHOTOMETRIC DATA



110°



MODEL	Vesta Orbit 10080 series (Downward Lighting)
WATTAGE	25W/Meter 2866 LM/Meter
CRI	80
CCT	3000K 4000K 5000K 5700K
BEAM ANGLE	109°
MATERIAL	Black White Aluminum Alloy, Polycarbonate
DRIVER	Constant Voltage Internal LED driver included
APPLICATION	Offices, Boardrooms, Reception, Library, Study Areas etc



OPTICAL DATA

Light Source	SMD 2835
Correlated Colour Temperature (CCT)	3000K ~ 6500K +RGBW
Colour Rendering Index (CRI)	>80 standard;
SDCM	<3
Beam Angle	109° (standard)

PERFORMANCE

System Wattage	70W 105W 140W
Luminous Flux(±10%)	5400lm 8100lm 10800lm
Luminaire Efficacy	75lm/W

OPERATING CONDITIONS

Operating Temperature (Ta)	-30° to +45°C
Mounting Options	Suspended Surface

HOUSING & FINISH

Housing Material	Aluminum Alloy
Optic Material	Polycarbonate
Housing Finish	Powder Coating
Housing Colour	Black White
IP Rating	IP20
IK Rating	IK5

ELECTRICAL DATA

Protection Class	Class 1
Nominal Voltage	AC220-240V 50-60 Hz
Power Factor	>0.95
Surge Protection (Kv)	-
Control Protocol	DALI, 1-10V

Power Supply	BOKE\OSRAM\TRIDONIC
Driver Type	Constant Voltage (CV)
Total Harmonic Distortion (THD)	IEC 61000-3-2 Class C <20%
Inrush Current	27A
Driver Lifetime	>100,000hrs

Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015
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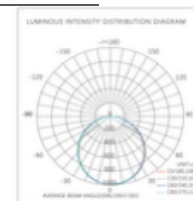
TECHNICAL DATA

Certifications	ENEC/CB/SAA/TUV-CE/ROHS
Warranty	5 Year
Documentation	LM-79 / LM-80 / ISTMT / TM-21
Testing Standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

LIFETIME OF THE LEDS @ TA 25°C

Lifetime @L70 (Tm-21)	>50,000hrs
Lifetime @L80 (Tm-21)	
Lifetime @L90 (Tm-21)	
Switching Cycles	<50,000hrs

PHOTOMETRIC DATA

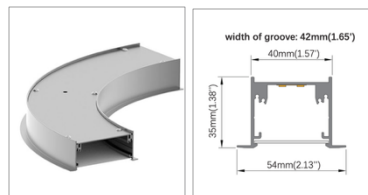


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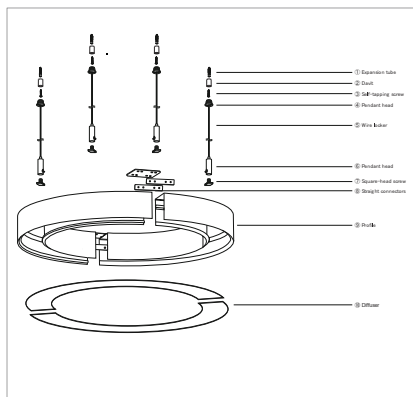
ORDERING INFORMATION

Example: O10080-N-140-40-120-B

Model	Dimming	Wattage	CCT	Overall	Colour
O10080	N	90	40	120	B Black
O10080	N NonDim	70	30 3000K	060 600mm	B Black
	T Triac Dim	105	40 4000K	090 900mm	W White
	V 0/1-10V Dim	140	50 5000K	120 1200mm	
	D DALI Dim		57 5700K		
			RW RGBW		



MODEL	Vesta Orbit 5435 series (Downward lighting)
WATTAGE	25W/Meter 1101 LM/Meter
CRI	80
CCT	3000K 4000K 5000K 5700K
BEAM ANGLE	109°
MATERIAL	Black White Aluminum Alloy, Polycarbonate
DRIVER	Constant Voltage Internal LED driver included
APPLICATION	Offices, Boardrooms, Reception, Library, Study Areas etc



Model	Watts	Power	DxH(mm)	Diameter(mm)	Length(mm)	Lumen (lm/m)	Lumen (lm/w)
O5435	30W	14.4W/m	ø600mmx80(W)x80(H)	ø600	1884	1101	75
	40W		ø900mmx80(W)x80(H)	ø900	2826		
	55W		ø1200mm x80(W)x80(H)	ø1200	3768		

ORDERING INFORMATION

Example: O5435-N-55-40-120-B

Model	Dimming	Wattage	CCT	Overall	Colour
O5435	N	55	40	120	B Black
O5435	N NonDim	30	30 3000K	060 600mm	B Black
	T Triac Dim	40	40 4000K	090 900mm	W White
	V 0/1-10V Dim	55	50 5000K	120 1200mm	
	D DALI Dim		57 5700K		
			RW RGBW		

OPTICAL DATA

Light Source	SMD 2835
Correlated Colour Temperature (CCT)	3000K ~ 6500K +RGBW
Colour Rendering Index (CRI)	>80 standard;
SDCM	<3
Beam Angle	109° (standard)

PERFORMANCE

System Wattage	30W 40W 55W
Luminous Flux(±10%)	2075lm 3100lm 4150lm
Luminaire Efficacy	75lm/W

OPERATING CONDITIONS

Operating Temperature (Ta)	-30° to +45°C
Mounting Options	Recessed

HOUSING & FINISH

Housing Material	Aluminum Alloy
Optic Material	Polycarbonate
Housing Finish	Powder Coating
Housing Colour	Black White
IP Rating	IP20
IK Rating	IK5

ELECTRICAL DATA

Protection Class	Class 1
Nominal Voltage	AC220-240V 50-60 Hz
Power Factor	>0.95
Surge Protection (Kv)	-
Control Protocol	DALI, 1-10V

Power Supply	BOKE\OSRAM\TRIDONIC
Driver Type	Constant Voltage (CV)
Total Harmonic Distortion (THD)	IEC 61000-3-2 Class C <20%
Inrush Current	27A
Driver Lifetime	>100,000hrs

Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015
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TECHNICAL DATA

Certifications	ENEC/CB/SAA/TUV-CE/ROHS
Warranty	5 Year
Documentation	LM-79 / LM-80 / ISTMT / TM-21
Testing Standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

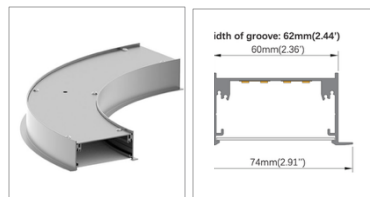
LIFETIME OF THE LEDS @ TA 25°C

Lifetime @L70 (Tm-21)	>50,000hrs
Lifetime @L80 (Tm-21)	
Lifetime @L90 (Tm-21)	
Switching Cycles	<50,000hrs

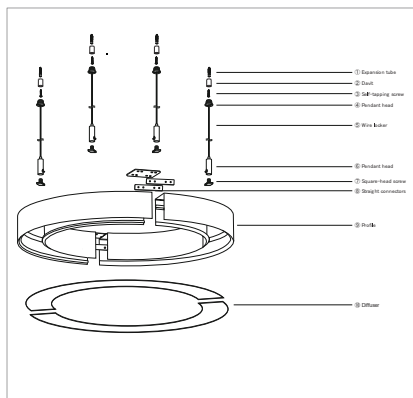
PHOTOMETRIC DATA



110°



MODEL	Vesta Orbit 7435 series (Downward lighting)
WATTAGE	25W/Meter 1467 LM/Meter
CRI	80
CCT	3000K 4000K 5000K 5700K
BEAM ANGLE	109°
MATERIAL	Black White Aluminum Alloy, Polycarbonate
DRIVER	Constant Voltage Internal LED driver included
APPLICATION	Offices, Boardrooms, Reception, Library, Study Areas etc



Model	Watts	Power	DxH(mm)	Diameter(mm)	Length(mm)	Lumen (lm/m)	Lumen (lm/w)
O7435	35W	19.2W/m	ø600mmx80(W)x80(H)	ø600	1884	1467	75
	55W		ø900mmx80(W)x80(H)	ø900	2826		
	70W		ø1200mm x80(W)x80(H)	ø1200	3768		

ORDERING INFORMATION

Example: O7435-N-70-40-120-B

Model	Dimming	Wattage	CCT	Overall	Colour
O7435	N	70	40	120	B Black
O7435	N NonDim	35	30 3000K	060 600mm	B Black
	T Triac Dim	55	40 4000K	090 900mm	W White
	V 0/1-10V Dim	70	50 5000K	120 1200mm	
	D DALI Dim		57 5700K		
			RW RGBW		

OPTICAL DATA

Light Source	SMD 2835
Correlated Colour Temperature (CCT)	3000K ~ 6500K +RGBW
Colour Rendering Index (CRI)	>80 standard;
SDCM	<3
Beam Angle	109° (standard)

PERFORMANCE

System Wattage	35W 55W 70W
Luminous Flux(±10%)	2800lm 4150lm 5550lm
Luminaire Efficacy	75lm/W

OPERATING CONDITIONS

Operating Temperature (Ta)	-30° to +45°C
Mounting Options	Recessed

HOUSING & FINISH

Housing Material	Aluminum Alloy
Optic Material	Polycarbonate
Housing Finish	Powder Coating
Housing Colour	Black White
IP Rating	IP20
IK Rating	IK5

ELECTRICAL DATA

Protection Class	Class 1
Nominal Voltage	AC220-240V 50-60 Hz
Power Factor	>0.95
Surge Protection (Kv)	-
Control Protocol	DALI, 1-10V

Power Supply	BOKE\OSRAM\TRIDONIC
Driver Type	Constant Voltage (CV)
Total Harmonic Distortion (THD)	IEC 61000-3-2 Class C <20%
Inrush Current	27A
Driver Lifetime	>100,000hrs

EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015

TECHNICAL DATA

Certifications	ENEC/CB/SAA/TUV-CE/ROHS
Warranty	5 Year
Documentation	LM-79 / LM-80 / ISTMT / TM-21
Testing Standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

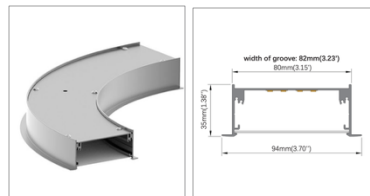
LIFETIME OF THE LEDS @ TA 25°C

Lifetime @L70 (Tm-21)	>50,000hrs
Lifetime @L80 (Tm-21)	
Lifetime @L90 (Tm-21)	
Switching Cycles	<50,000hrs

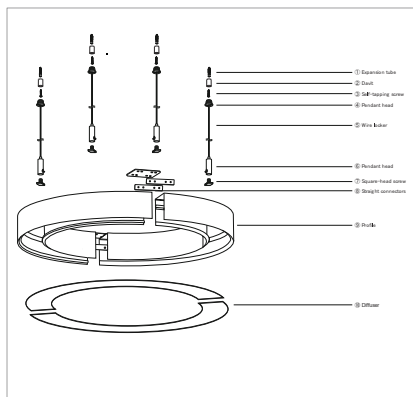
PHOTOMETRIC DATA



110°



MODEL	Vesta Orbit 9435 series (Downward lighting)
WATTAGE	25W/Meter 1911 LM/Meter
CRI	80
CCT	3000K 4000K 5000K 5700K
BEAM ANGLE	109°
MATERIAL	Black White Aluminum Alloy, Polycarbonate
DRIVER	Constant Voltage Internal LED driver included
APPLICATION	Offices, Boardrooms, Reception, Library, Study Areas etc



Model	Watts	Power	DxH(mm)	Diameter(mm)	Length(mm)	Lumen (lm/m)	Lumen (lm/w)
O9435	50W	25W/m	ø600mmx80(W)x80(H)	ø600	1884	1911	75
	70W		ø900mmx80(W)x80(H)	ø900	2826		
	90W		ø1200mm x80(W)x80(H)	ø1200	3768		

ORDERING INFORMATION

Example: O9435-N-90-40-120-B

Model	Dimming	Wattage	CCT	Overall	Colour
O9435	N	70	40	120	B Black
O9435	N NonDim	50	30 3000K	060 600mm	B Black
	T Triac Dim	70	40 4000K	090 900mm	W White
	V 0/1-10V Dim	90	50 5000K	120 1200mm	
	D DALI Dim		57 5700K		
			RW RGBW		

OPTICAL DATA

Light Source	SMD 2835
Correlated Colour Temperature (CCT)	3000K ~ 6500K +RGBW
Colour Rendering Index (CRI)	>80 standard;
SDCM	<3
Beam Angle	109° (standard)

PERFORMANCE

System Wattage	50W 70W 90W
Luminous Flux(±10%)	3600lm 5400lm 7200lm
Luminaire Efficacy	75lm/W

OPERATING CONDITIONS

Operating Temperature (Ta)	-30° to +45°C
Mounting Options	Recessed

HOUSING & FINISH

Housing Material	Aluminum Alloy
Optic Material	Polycarbonate
Housing Finish	Powder Coating
Housing Colour	Black White
IP Rating	IP20
IK Rating	IK5

ELECTRICAL DATA

Protection Class	Class 1
Nominal Voltage	AC220-240V 50-60 Hz
Power Factor	>0.95
Surge Protection (Kv)	-
Control Protocol	DALI, 1-10V

Power Supply	BOKE\OSRAM\TRIDONIC
Driver Type	Constant Voltage (CV)
Total Harmonic Distortion (THD)	IEC 61000-3-2 Class C <20%
Inrush Current	27A
Driver Lifetime	>100,000hrs

Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015
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TECHNICAL DATA

Certifications	ENEC/CB/SAATUV-CE/ROHS
Warranty	5 Year
Documentation	LM-79 / LM-80 / ISTMT / TM-21
Testing Standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

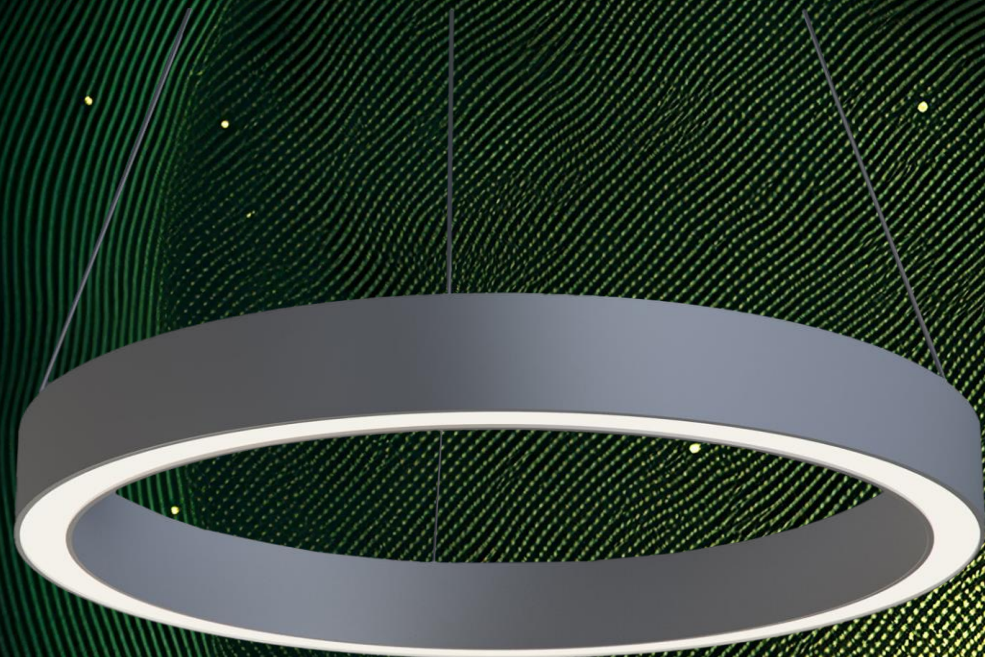
LIFETIME OF THE LEDS @ TA 25°C

Lifetime @L70 (Tm-21)	>50,000hrs
Lifetime @L80 (Tm-21)	
Lifetime @L90 (Tm-21)	
Switching Cycles	<50,000hrs

PHOTOMETRIC DATA



110°



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