

PRODUCT FAMILY DATASHEET

SMART+ TUNABLE WHITE

Decorative ceiling luminaires with WiFi technology



AREAS OF APPLICATION

- Indoor applications
- Kitchens, living rooms, children's rooms or home offices

PRODUCT BENEFITS

- Easy and quick installation

PRODUCT FEATURES

- Controllable via LEDVANCE SMART+ App (with Android 6.0 and later)
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Adjustable color temperature via Tunable White: 3,000...6,500 K
- Dimmable
- Network protocol: WiFi



TECHNICAL DATA

Product description	Electrical data					Photometrical data					Light technical data
	Nominal wattage	Operating mode	Mains frequency	Nominal current	Nominal voltage	Color rendering index Ra	Luminous flux	Luminous efficacy	Light color (designation)	Color temperature	Beam angle
SMART + WIFI ORBIS Cromo 500 CR ¹⁾	30.00 W	Mains voltage	50/60 Hz	0.15 A	220...240 V	>80	3300 lm	110 lm/W	Tunable White	3000...6500 K	110 °
SMART + WIFI ORBIS Cylinder 450 GR ¹⁾	24.00 W	Mains voltage	50/60 Hz	0.128 A	220...240 V	>80	2800 lm	117 lm/W	Tunable White	3000...6500 K	110 °
SMART + WIFI ORBIS Cylinder 450 WT ¹⁾	24.00 W	Mains voltage	50/60 Hz	0.128 A	220...240 V	>80	3300 lm	138 lm/W	Tunable White	3000...6500 K	110 °
SMART + WIFI ORBIS Donut 400 WT ¹⁾	24.00 W	Mains voltage	50/60 Hz	0.128 A	220...240 V	>80	2500 lm	104 lm/W	Tunable White	3000...6500 K	110 °
SMART + WIFI ORBIS Eye 490 GR ¹⁾	32.00 W	Mains voltage	50/60 Hz	0.15 A	220...240 V	>80	3300 lm	103 lm/W	Tunable White	3000...6500 K	110 °
SMART + WIFI ORBIS Eye 490 WT ¹⁾	32.00 W	Mains voltage	50/60 Hz	0.15 A	220...240 V	>80	3300 lm	103 lm/W	Tunable White	3000...6500 K	110 °
SMART + WIFI ORBIS Frame 500 WT ¹⁾	32.00 W	Mains voltage	50/60 Hz	0.15 A	220...240 V	>80	3300 lm	103 lm/W	Tunable White	3000...6500 K	110 °
SMART + WIFI ORBIS Kite 410 WT ¹⁾	24.00 W	Mains voltage	50/60 Hz	0.128 A	220...240 V	>80	2500 lm	104 lm/W	Tunable White	3000...6500 K	110 °
SMART + WIFI ORBIS Kite 510 WT ¹⁾	32.00 W	Mains voltage	50/60 Hz	0.15 A	220...240 V	>80	3300 lm	103 lm/W	Tunable White	3000...6500 K	110 °
SMART + WIFI ORBIS Moon 380 BK ¹⁾	24.00 W	Mains voltage	50/60 Hz	0.128 A	220...240 V	>80	2500 lm	104 lm/W	Tunable White	3000...6500 K	110 °
SMART + WIFI ORBIS Moon 380 GR ¹⁾	24.00 W	Mains voltage	50/60 Hz	0.128 A	220...240 V	>80	2500 lm	104 lm/W	Tunable White	3000...6500 K	110 °
SMART + WIFI ORBIS Moon 480 BK ¹⁾	32.00 W	Mains voltage	50/60 Hz	0.15 A	220...240 V	>80	3300 lm	103 lm/W	Tunable White	3000...6500 K	110 °
SMART + WIFI ORBIS Moon 480 GR ¹⁾	32.00 W	Mains voltage	50/60 Hz	0.15 A	220...240 V	>80	3300 lm	103 lm/W	Tunable White	3000...6500 K	110 °
SMART + WIFI ORBIS Plate 430 GR ¹⁾	24.00 W	Mains voltage	50/60 Hz	0.128 A	220...240 V	>80	2500 lm	104 lm/W	Tunable White	3000...6500 K	110 °

Product description	Electrical data					Photometrical data					Light technical data
	Nominal wattage	Operating mode	Mains frequency	Nominal current	Nominal voltage	Color rendering index Ra	Luminous flux	Luminous efficacy	Light color (designation)	Color temperature	Beam angle
SMART + WIFI ORBIS Plate 430 WT ¹⁾	24.00 W	Mains voltage	50/60 Hz	0.128 A	220...240 V	>80	2500 lm	104 lm/W	Tunable White	3000...6500 K	110 °
SMART + WIFI ORBIS Spiral 500 WT ¹⁾	40.00 W	Mains voltage	50/60 Hz	0.177 A	220...240 V	>80	4300 lm	108 lm/W	Tunable White	3000...6500 K	110 °

Product description	Dimensions & weight		Colors & materials				Temperatures & operating conditions	Lifespan	Additional product data
	Diameter	Height	Product color	Body material	Cover material	Housing color	Ambient temperature range	Number of switching cycles	Mounting type
SMART + WIFI ORBIS Cromo 500 CR ¹⁾	500.0 mm	89.0 mm	White	Polymethylmethacrylate (PMMA)	Polymethyl methacrylate (PMMA)	White	-20...+40 °C	15000	Surface
SMART + WIFI ORBIS Cylinder 450 GR ¹⁾	450.0 mm	134.0 mm	Gray	Polymethylmethacrylate (PMMA)	Polymethyl methacrylate (PMMA)	Gray	-20...+40 °C	15000	Surface
SMART + WIFI ORBIS Cylinder 450 WT ¹⁾	450.0 mm	134.0 mm	White	Polymethylmethacrylate (PMMA)	Polymethyl methacrylate (PMMA)	White	-20...+40 °C	15000	Surface
SMART + WIFI ORBIS Donut 400 WT ¹⁾	400.0 mm	85.0 mm	White	Polymethylmethacrylate (PMMA)	Polymethyl methacrylate (PMMA)	White	-20...+40 °C	15000	Surface
SMART + WIFI ORBIS Eye 490 GR ¹⁾	490.0 mm	75.5 mm	Gray	Polymethylmethacrylate (PMMA)	Polymethyl methacrylate (PMMA)	Gray	-20...+40 °C	15000	Surface
SMART + WIFI ORBIS Eye 490 WT ¹⁾	490.0 mm	75.5 mm	White	Polymethylmethacrylate (PMMA)	Polymethyl methacrylate (PMMA)	White	-20...+40 °C	15000	Surface
SMART + WIFI ORBIS Frame 500 WT ¹⁾	495.0 mm	83.0 mm	White	Polymethylmethacrylate (PMMA)	Polymethyl methacrylate (PMMA)	White	-20...+40 °C	15000	Surface

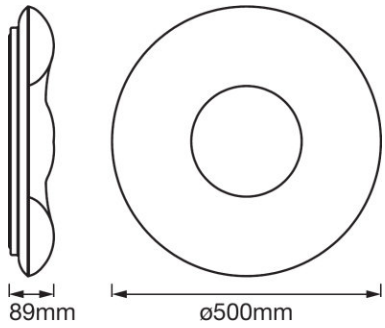
Product description	Dimensions & weight		Colors & materials				Temperatures & operating conditions	Lifespan	Additional product data
	Diameter	Height	Product color	Body material	Cover material	Housing color	Ambient temperature range	Number of switching cycles	Mounting type
SMART + WIFI ORBIS Kite 410 WT ¹⁾	410.0 mm	68.0 mm	White	Polymethylmethacrylate (PMMA)	Polymethyl methacrylate (PMMA)	White	-20...+40 °C	15000	Surface
SMART + WIFI ORBIS Kite 510 WT ¹⁾	510.0 mm	83.0 mm	White	Polymethylmethacrylate (PMMA)	Polymethyl methacrylate (PMMA)	White	-20...+40 °C	15000	Surface
SMART + WIFI ORBIS Moon 380 BK ¹⁾	380.0 mm	85.0 mm	Black	Polymethylmethacrylate (PMMA)	Polymethyl methacrylate (PMMA)	Black	-20...+40 °C	15000	Surface
SMART + WIFI ORBIS Moon 380 GR ¹⁾	380.0 mm	85.0 mm	Gray	Polymethylmethacrylate (PMMA)	Polymethyl methacrylate (PMMA)	Gray	-20...+40 °C	15000	Surface
SMART + WIFI ORBIS Moon 480 BK ¹⁾	480.0 mm	86.0 mm	Black	Polymethylmethacrylate (PMMA)	Polymethyl methacrylate (PMMA)	Black	-20...+40 °C	15000	Surface
SMART + WIFI ORBIS Moon 480 GR ¹⁾	480.0 mm	86.0 mm	Gray	Polymethylmethacrylate (PMMA)	Polymethyl methacrylate (PMMA)	Gray	-20...+40 °C	15000	Surface
SMART + WIFI ORBIS Plate 430 GR ¹⁾	430.0 mm	70.0 mm	White	Polymethylmethacrylate (PMMA)	Polymethyl methacrylate (PMMA)	White	-20...+40 °C	15000	Surface
SMART + WIFI ORBIS Plate 430 WT ¹⁾	430.0 mm	70.0 mm	White	Polymethylmethacrylate (PMMA)	Polymethyl methacrylate (PMMA)	White	-20...+40 °C	15000	Surface
SMART + WIFI ORBIS Spiral 500 WT ¹⁾	500.0 mm	66.0 mm	White	Polymethylmethacrylate (PMMA)	Polymethyl methacrylate (PMMA)	White	-20...+40 °C	15000	Surface

Product description	Mounting location	Capabilities			Certificates & standards	
		Dimmable	Compatible smart home technology	Type of connection	Standards	Protection class
SMART + WIFI ORBIS Cromo 500 CR ¹⁾	Ceiling	Yes	Google Assistant / Amazon Alexa	Screw terminal	CE/EAC/REACH/RoHS	I

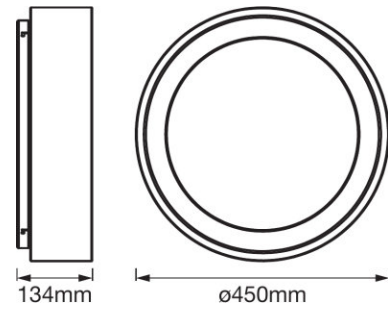
Product description	Mounting location	Capabilities			Certificates & standards	
		Dimmable	Compatible smart home technology	Type of connection	Standards	Protection class
SMART + WIFI ORBIS Cylinder 450 GR ¹⁾	Ceiling	Yes	Google Assistant / Amazon Alexa	Screw terminal	CE/EAC/RE ACH/RoHS	I
SMART + WIFI ORBIS Cylinder 450 WT ¹⁾	Ceiling	Yes	Google Assistant / Amazon Alexa	Screw terminal	CE/EAC/RE ACH/RoHS	I
SMART + WIFI ORBIS Donut 400 WT ¹⁾	Ceiling	Yes	Google Assistant / Amazon Alexa	Screw terminal	CE/EAC/RE ACH/RoHS	I
SMART + WIFI ORBIS Eye 490 GR ¹⁾	Ceiling	Yes	Google Assistant / Amazon Alexa	Screw terminal	CE/EAC/RE ACH/RoHS	I
SMART + WIFI ORBIS Eye 490 WT ¹⁾	Ceiling	Yes	Google Assistant / Amazon Alexa	Screw terminal	CE/EAC/RE ACH/RoHS	I
SMART + WIFI ORBIS Frame 500 WT ¹⁾	Ceiling	Yes	Google Assistant / Amazon Alexa	Screw terminal	CE/EAC/RE ACH/RoHS	I
SMART + WIFI ORBIS Kite 410 WT ¹⁾	Ceiling	Yes	Google Assistant / Amazon Alexa	Screw terminal	CE/EAC/RE ACH/RoHS	I
SMART + WIFI ORBIS Kite 510 WT ¹⁾	Ceiling	Yes	Google Assistant / Amazon Alexa	Screw terminal	CE/EAC/RE ACH/RoHS	I
SMART + WIFI ORBIS Moon 380 BK ¹⁾	Ceiling	Yes	Google Assistant / Amazon Alexa	Screw terminal	CE/EAC/RE ACH/RoHS	I
SMART + WIFI ORBIS Moon 380 GR ¹⁾	Ceiling	Yes	Google Assistant / Amazon Alexa	Screw terminal	CE/EAC/RE ACH/RoHS	I
SMART + WIFI ORBIS Moon 480 BK ¹⁾	Ceiling	Yes	Google Assistant / Amazon Alexa	Screw terminal	CE/EAC/RE ACH/RoHS	I
SMART + WIFI ORBIS Moon 480 GR ¹⁾	Ceiling	Yes	Google Assistant / Amazon Alexa	Screw terminal	CE/EAC/RE ACH/RoHS	I
SMART + WIFI ORBIS Plate 430 GR ¹⁾	Ceiling	Yes	Google Assistant / Amazon Alexa	Screw terminal	CE/EAC/RE ACH/RoHS	I
SMART + WIFI ORBIS Plate 430 WT ¹⁾	Ceiling	Yes	Google Assistant / Amazon Alexa	Screw terminal	CE/EAC/RE ACH/RoHS	I
SMART + WIFI ORBIS Spiral 500 WT ¹⁾	Ceiling	Yes	Google Assistant / Amazon Alexa	Screw terminal	CE/EAC/RE ACH/RoHS	I

Product description	Type of protection
SMART + WIFI ORBIS Cromo 500 CR ¹⁾	IP20
SMART + WIFI ORBIS Cylinder 450 GR ¹⁾	IP20
SMART + WIFI ORBIS Cylinder 450 WT ¹⁾	IP20
SMART + WIFI ORBIS Donut 400 WT ¹⁾	IP20
SMART + WIFI ORBIS Eye 490 GR ¹⁾	IP20
SMART + WIFI ORBIS Eye 490 WT ¹⁾	IP20
SMART + WIFI ORBIS Frame 500 WT ¹⁾	IP20
SMART + WIFI ORBIS Kite 410 WT ¹⁾	IP20
SMART + WIFI ORBIS Kite 510 WT ¹⁾	IP20
SMART + WIFI ORBIS Moon 380 BK ¹⁾	IP20
SMART + WIFI ORBIS Moon 380 GR ¹⁾	IP20
SMART + WIFI ORBIS Moon 480 BK ¹⁾	IP20
SMART + WIFI ORBIS Moon 480 GR ¹⁾	IP20
SMART + WIFI ORBIS Plate 430 GR ¹⁾	IP20
SMART + WIFI ORBIS Plate 430 WT ¹⁾	IP20
SMART + WIFI ORBIS Spiral 500 WT ¹⁾	IP20

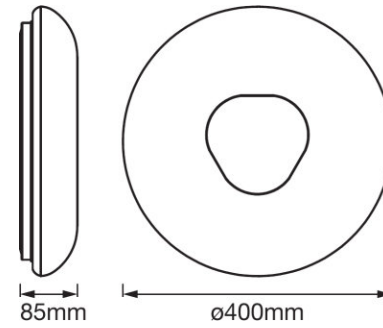
¹⁾ Reset settings to default by switching the product on for three seconds and off for three seconds and repeating this five times.



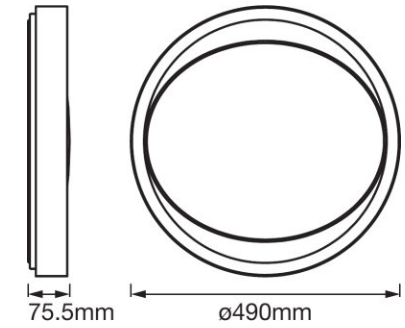
SMART + WIFI ORBIS Cromo 500 CR



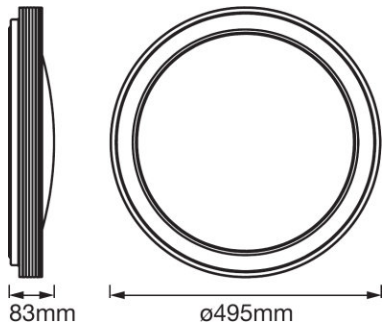
SMART + WIFI ORBIS Cylinder 450 GR,
SMART + WIFI ORBIS Cylinder 450 WT



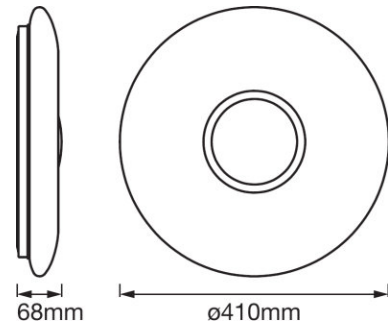
SMART + WIFI ORBIS Donut 400 WT



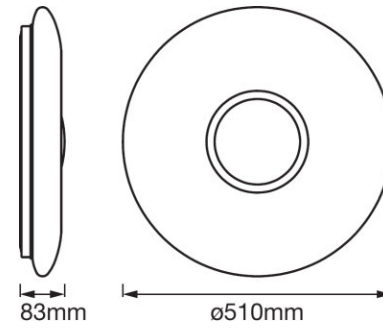
SMART + WIFI ORBIS Eye 490 GR,
SMART + WIFI ORBIS Eye 490 WT



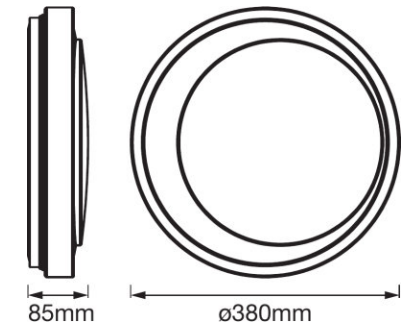
SMART + WIFI ORBIS Frame 500 WT



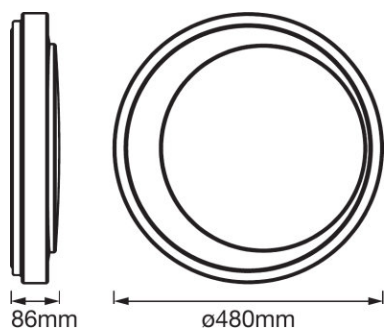
SMART + WIFI ORBIS Kite 410 WT



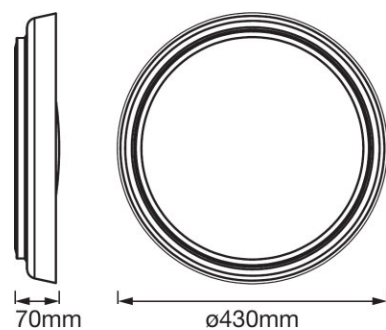
SMART + WIFI ORBIS Kite 510 WT



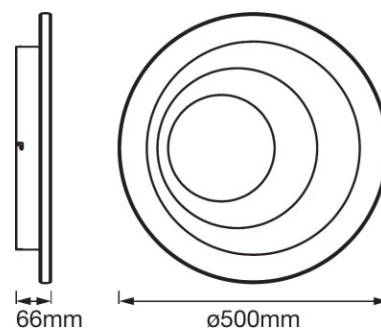
SMART + WIFI ORBIS Moon 380 BK,
SMART + WIFI ORBIS Moon 380 GR



SMART + WIFI ORBIS Moon 480 BK,
SMART + WIFI ORBIS Moon 480 GR



SMART + WIFI ORBIS Plate 430 GR,
SMART + WIFI ORBIS Plate 430 WT



SMART + WIFI ORBIS Spiral 500 WT

EQUIPMENT / ACCESSORIES

- Mounting bracket included
- Mounting screws and dowels included
- Control via app or voice control requires compatible Smart home system
- For control via LEDVANCE SMART + WiFi App, a smart phone or Tablet PC is required

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075516588	Shipping carton box 3	564 mm x 373 mm x 567 mm	6290.00 g	119.28 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075516632	Shipping carton box 3	525 mm x 463 mm x 528 mm	10837.00 g	128.34 dm ³
4058075516625	Shipping carton box 3	525 mm x 463 mm x 528 mm	10837.00 g	128.34 dm ³
4058075516496	Shipping carton box 3	474 mm x 325 mm x 477 mm	4543.00 g	73.48 dm ³
4058075516618	Shipping carton box 3	534 mm x 295 mm x 537 mm	7915.00 g	84.59 dm ³
4058075516601	Shipping carton box 3	534 mm x 295 mm x 537 mm	7915.00 g	84.59 dm ³
4058075516595	Shipping carton box 3	564 mm x 247 mm x 567 mm	7388.00 g	78.99 dm ³
4058075516502	Shipping carton box 3	474 mm x 270 mm x 477 mm	4393.00 g	61.05 dm ³
4058075516519	Shipping carton box 3	564 mm x 325 mm x 567 mm	6143.00 g	103.93 dm ³
4058075516526	Shipping carton box 3	474 mm x 325 mm x 477 mm	4543.00 g	73.48 dm ³
4058075516540	Shipping carton box 3	474 mm x 325 mm x 477 mm	4543.00 g	73.48 dm ³
4058075516533	Shipping carton box 3	564 mm x 373 mm x 567 mm	6626.00 g	119.28 dm ³
4058075516557	Shipping carton box 3	564 mm x 373 mm x 567 mm	6626.00 g	119.28 dm ³
4058075516571	Shipping carton box 3	474 mm x 265 mm x 477 mm	5289.00 g	59.92 dm ³
4058075516564	Shipping carton box 3	474 mm x 265 mm x 477 mm	5289.00 g	59.92 dm ³
4058075486614	Shipping carton box 3	565 mm x 247 mm x 568 mm	12837.00 g	79.27 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.