



Radiar CB

Smart Roller Blind Kit



Product Overview

Radiar CB, Lumos Controls' smart curtain kit, includes a smart motor, app, and mounting accessories to control roller blind curtains. The curtain system can be powered by AC.

Besides remote control and manual operation, this BLE5.0-based smart curtain system can be easily commissioned, configured for limits, and automated using Lumos Controls' intuitive mobile application. The device also comes with an electronic limit switch, enabling auto limit setting and obstacle detection functionality.

Specifications

1 MODEL 25ET-1/30



Features

- Built-in Bluetooth 5.0 module
- Curtain motor controls curtain open, close, stop, percentage position, and other functions
- The device can be powered using AC
- Ultra Quiet Operations
- Zero downtime Over-the-Air firmware updates

SPECIFICATIONS	VALUE
Nominal Voltage	110-240VAC
Nominal Frequency	50/60Hz
Nominal Current	1A
Nominal Consumption	12W
Radio frequency	2.4GHz
Nominal Torque	1 NM
Nominal Speed	30 RPM
Power Cables	2Wires
Protection Index	IP44
Limit Switch Type	Electronic
Weight	6.3kg

2 MODEL 35E



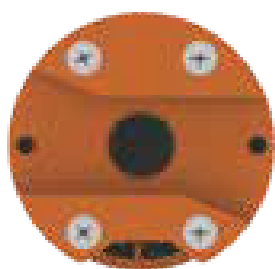
SPECIFICATIONS	VALUE		
	A) Variant: 35E-3/28	B) Variant: 35E-6/28	C) Variant: 35E-10/17
Nominal Voltage	220-240VAC	220-240VAC	220-240VAC
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Nominal Current	0.55A	0.65A	0.65A
Nominal Consumption	130W	145W	145W
Protection Time	4 Min	4 Min	4 Min
Radio frequency	2.4GHz	2.4GHz	2.4GHz
Nominal Torque	6 NM	6 NM	10 NM
Nominal Speed	28 RPM	28 RPM	17 RPM
Power Cables	3Wires	3Wires	3Wires
Protection Index	IP44	IP44	IP44
Limit Switch Type	Electronic	Electronic	Electronic
Weight	9Kg	19Kg	30Kg

3 Smart zip screen- MODEL 45E



SPECIFICATIONS	VALUE		
	A) Variant: 45E-10/28	B) Variant: 45E-20/15	C) Variant: 45E-20/28
Nominal Voltage	220-240VAC	220-240VAC	220-240VAC
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Nominal Current	0.75A	0.65A	1.1A
Nominal Consumption	175W	145W	250W
Protection Time	4 Min	4 Min	4 Min
Radio frequency	2.4GHz	2.4GHz	2.4GHz
Nominal Torque	10 NM	20 NM	20 NM
Nominal Speed	28 RPM	15 RPM	28 RPM
Power Cables	3Wires	3Wires	3Wires
Protection Index	IP44	IP44	IP44
Limit Switch Type	Electronic	Electronic	Electronic
Weight	20Kg	40Kg	40Kg

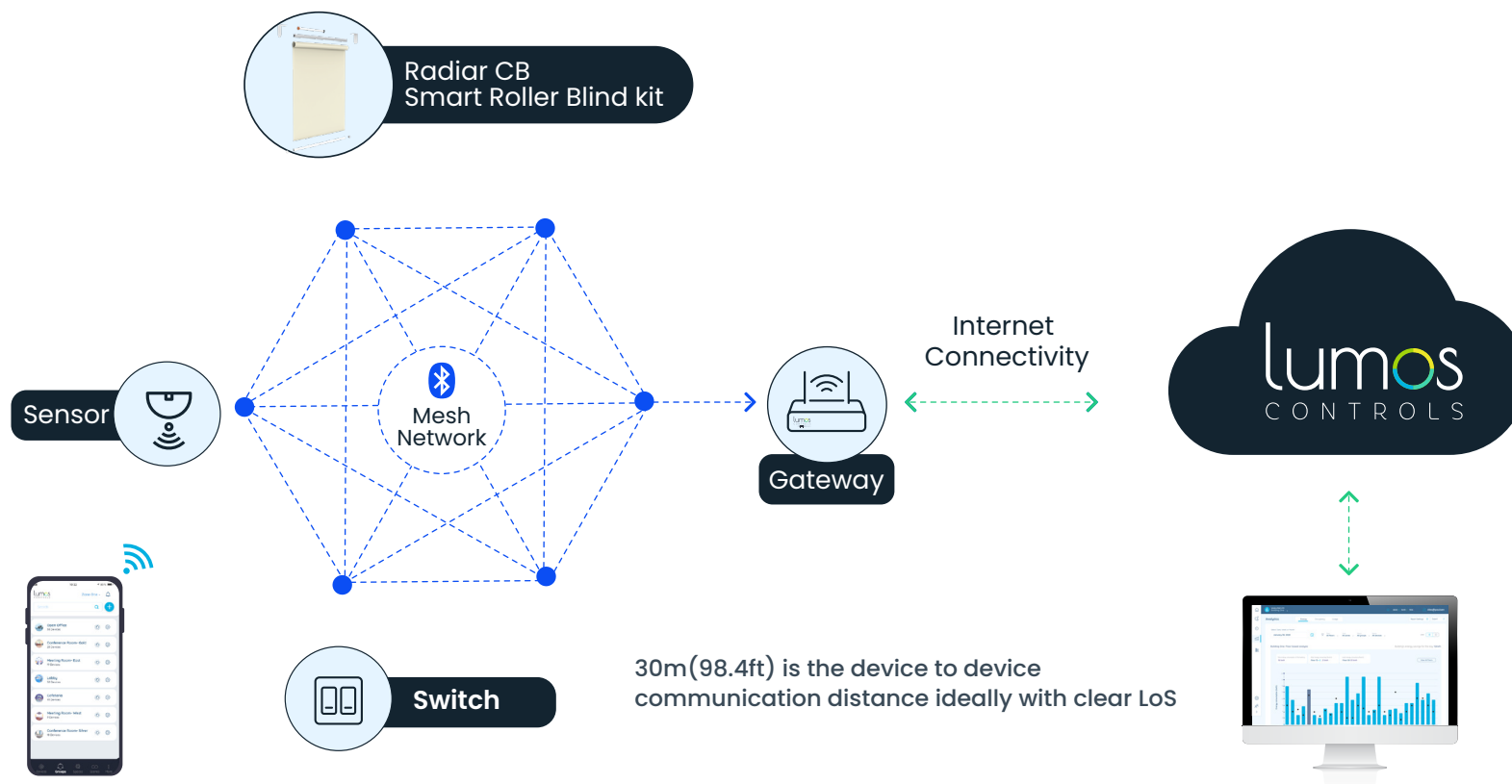
4 MODEL 45E



VALUE

SPECIFICATIONS	A) Variant: 45E-20/15	B) Variant: 45E-30/15	C) Variant: 45E-40/15	D) Variant: 45E-50/12
Nominal Voltage	220-240VAC	220-240VAC	220-240VAC	220-240VAC
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Nominal Current	0.65A	0.55A	1.1A	1.1A
Nominal Consumption	145W	175W	250W	250W
Protection Time	4 Min	4 Min	4 Min	4 Min
Radio frequency	2.4GHz	2.4GHz	2.4GHz	2.4GHz
Nominal Torque	20 NM	30 NM	40 NM	50 NM
Nominal Speed	15 RPM	15 RPM	15 RPM	12 RPM
Power Cables	3Wires	3Wires	3Wires	3Wires
Protection Index	IP44	IP44	IP44	IP44
Limit Switch Type	Electronic	Electronic	Electronic	Electronic
Weight	34Kg	51Kg	68Kg	85Kg

Smart Ecosystem





Ordering Information

Product Name	Product Description	Communication	Voltage Rating
MODEL 25ET-1/30	Smart Roller Blind Kit	BLE 5.0	110-240VAC
MODEL 35E-3/28	Smart Roller Blind Kit	BLE 5.0	220-240VAC
MODEL 35E-6/28	Smart Roller Blind Kit	BLE 5.0	220-240VAC
MODEL 35E-10/17	Smart Roller Blind Kit	BLE 5.0	220-240VAC
MODEL 45E-10/28	Smart Roller Blind Kit - Used with smart zip curtains	BLE 5.0	220-240VAC
MODEL 45E-20/15	Smart Roller Blind Kit - Used with smart zip curtains	BLE 5.0	220-240VAC
MODEL 45E-20/28	Smart Roller Blind Kit - Used with smart zip curtains	BLE 5.0	220-240VAC
MODEL 45E-20/15	Smart Roller Blind Kit	BLE 5.0	220-240VAC
MODEL 45E-30/15	Smart Roller Blind Kit	BLE 5.0	220-240VAC
MODEL 45E-40/15	Smart Roller Blind Kit	BLE 5.0	220-240VAC
MODEL 45E-50/12	Smart Roller Blind Kit	BLE 5.0	220-240VAC

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