



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

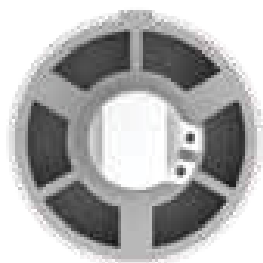
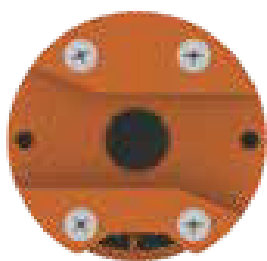
SPECIFICATIONS	VALUE
Nominal Voltage	110-240VAC
Nominal Frequency	50/60Hz
Nominal Current	1A
Nominal Consumption	12W
Radio frequency	2.4GHz
Nominal Torque	1 NM
Nominal Speed	30 RPM
Power Cables	2Wires
Protection Index	IP44
Limit Switch Type	Electronic
Max Curtain Weight	5.2kg
Roller Tube Size (Diameter x Length)	38mm x 5.5m

2 MODEL 35E

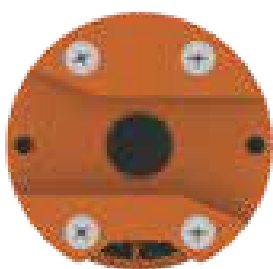


MODELS	Model 35E-3/28	Model 35E-6/28	Model 35E-10/17
SPECIFICATIONS	VALUE	VALUE	VALUE
Nominal Voltage	220-240VAC	220-240VAC	220-240VAC
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Nominal Current	0.55A	0.65A	0.65A
Nominal Consumption	130W	145W	145W
Protection Time	4 Min	4 Min	4 Min
Radio frequency	2.4GHz	2.4GHz	2.4GHz
Nominal Torque	3 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
Max Curtain Weight	12Kg	24Kg	40Kg
Roller Tube Size (Diameter)	50mm	50mm	50mm

3 MODEL 45E

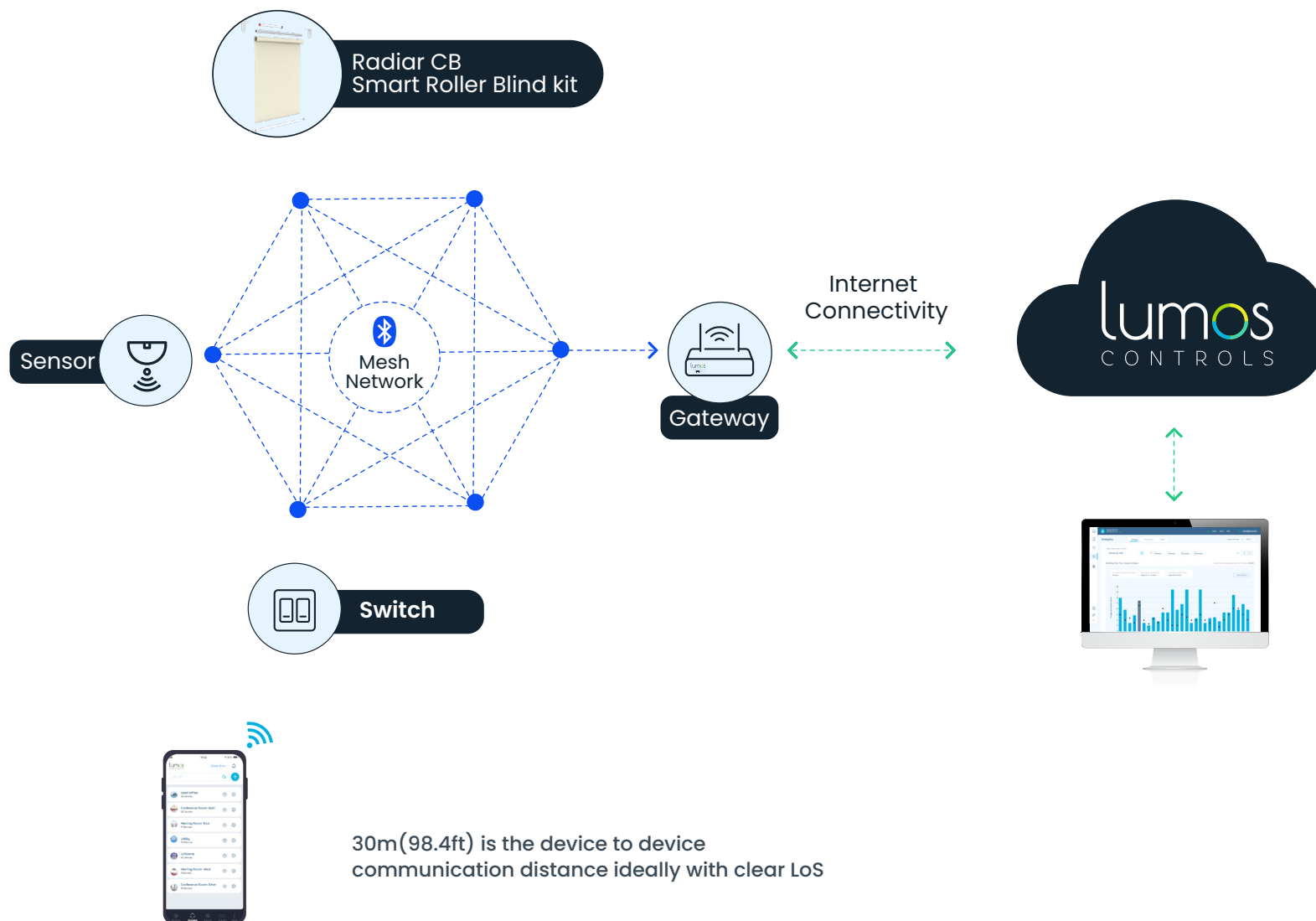


MODELS	MODEL 45E-10/28	MODEL 45E-20/15	MODEL 45E-20/28
SPECIFICATIONS	VALUE	VALUE	VALUE
Nominal Voltage	220-240VAC	220-240VAC	220-240VAC
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Nominal Current	0.75A	0.65A	1.1A
Nominal Consumption	175W	145W	250W
Protection Time	4 Min	4 Min	4 Min
Radio frequency	2.4GHz	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
Max Curtain Weight	17Kg	34Kg	34Kg
Roller Tube Size (Diameter)	55mm	55mm	55mm



MODELS	MODEL 45E-30/15	MODEL 45E-40/15	MODEL 45E-50/12
SPECIFICATIONS	VALUE	VALUE	VALUE
Nominal Voltage	220-240VAC	220-240VAC	220-240VAC
Nominal Frequency	50/60Hz	50/60Hz	50/60Hz
Nominal Current	0.55A	1.1A	1.1A
Nominal Consumption	175W	250W	250W
Protection Time	4 Min	4 Min	4 Min
Radio frequency	2.4GHz	2.4GHz	2.4GHz
Nominal Torque	30 NM	40 NM	50 NM
Nominal Speed	15 RPM	15 RPM	12 RPM
Power Cables	3Wires	3Wires	3Wires
Protection Index	IP44	IP44	IP44
Limit Switch Type	Electronic	Electronic	Electronic
Max Curtain Weight	51Kg	68Kg	85Kg
Roller Tube Size (Diameter)	55mm	55mm	55mm

Smart Ecosystem



Ordering Information

Product Code	Voltage Rating	Nominal Torque	Nominal Speed	Roller tube size (Diameter)	Max curtain weight
MODEL 25ET-1/30	110-240VAC	1NM	30RPM	38mm	5.2kg
MODEL 35E-3/28	220-240VAC	3NM	28RPM	50mm	12kg
MODEL 35E-6/28	220-240VAC	6NM	28RPM	50mm	24kg
MODEL 35E-10/17	220-240VAC	10NM	17RPM	50mm	40kg
MODEL 45E-10/28	220-240VAC	10NM	28RPM	55mm	17kg
MODEL 45E-20/15	220-240VAC	20NM	15RPM	55mm	34kg
MODEL 45E-20/28	220-240VAC	20NM	28RPM	55mm	34kg
MODEL 45E-30/15	220-240VAC	30NM	15RPM	55mm	51kg
MODEL 45E-40/15	220-240VAC	40NM	15RPM	55mm	68kg
MODEL 45E-50/12	220-240VAC	50NM	12RPM	55mm	85kg



Note

The roller curtain tube will be supplied in a standard length of 5.5 meters, with the diameter as specified for each model.

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