



Free floor standing luminaire Falcon

- Modern free-floor standing luminaire with direct/indirect light distribution
- Extremely comfortable light (UGR < 16)
- Stylish touch button control on pole
- Integrated motion and daylight sensor
- High efficacy of 125 lm/W
- App control via Smart App, possible to connect to Smart Sensors



Specifications

Item Code	Item Description	Equivalent to (W)	Power (W)	Lumen (lm)	Efficacy (lm/W)	CCT (K)	Net Weight (kg/pc)
Tunable White/Smart							
523024002100	LED Falcon-P 100W-BLE2-TW	3x PL-L 55W	100	12500	125	2700 - 6500	19.8

Packaging information

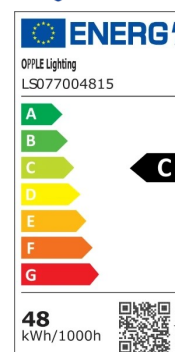
Item			Box			
Item Code	Item Description	EU HS Code	Dimensions (mm) (LxWxH)	Gross Weight (kg/pc)	EAN	pc/box
523024002100	LED Falcon-P 100W-BLE2-TW	94051190	765x475x2115	21.10	6941491797540	1
821006001800	LED Smart-BLE2-Rc-MW-Sensor	85365005	100x100x130	0.19	6941497778277	1
821006002000	LED Smart-BLE2-Rc-PIR-Sensor	85365005	100x100x70	0.19	6941497778260	1
821009000200	LED Smart-BLE2-Switch	85365005	89x101x21	0.10	6941497778253	1
821011002600	LED Smart-BLE2-DALI-Connect-Box	85176200	100x105x60	0.30	6941497778291	1
821017003000	LED Smart-BLE2-10V-Converter	94059200	90x42x30	0.09	6931783007624	1
821017003200	LED Smart-BLE2-DALI-Converter	94059200	90x42x30	0.08	6931783007617	1
821017003400	LED Smart-BLE2-Multi-Switch-Module	94059200	46x46x50	0.07	6931783007600	1
821017003600	LED Smart-BLE2-Relay-250W-DIM	94059200	90x42x30	0.09	6931783007594	1
821017003800	LED Smart-BLE2-Relay-1000W	85364900	110x57x37	0.10	6941497778284	1
822008000200	LED Smart-BLE2-Light-Wizard	85365005	143x113x55	0.26	6941491779782	1

Technical Specifications	
Lifetime (L70)	100,000 h
Lifetime (L80)	70,000 h
On-/Off-cycles	100,000
Colour consistency (SDCM)	3
Dimmability	BLE2 / Touch Dim
Sensor type	Motion + Daylight detection (MD)
Sensor technology	Microwave (MW)
Beam angle	130° up / 120° down
Finishing	White RAL9003
RAL-Number	9003
Colour rendering index (CRI)	> 80
UGR	16
Protection class	I
Risk group (EN 62471)	RG0
With control gear	True
Glow wire test	650 °C
Driver failure rate (at 5,000 hrs)	≤ 1 %
Power factor	≥ 0.9

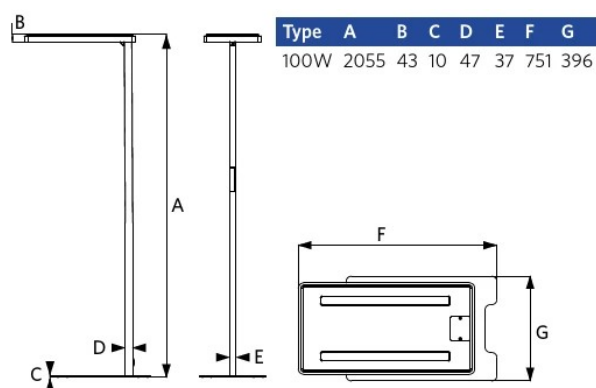
Electrical Supply	
Frequency	50 - 60 Hz
Nominal voltage	220 - 240 V
DC input voltage	No
230V Cable length	3 m

Mechanical Properties	
[Material]	Aluminium
Optical material	PMMA
Cover material	Polycarbonate

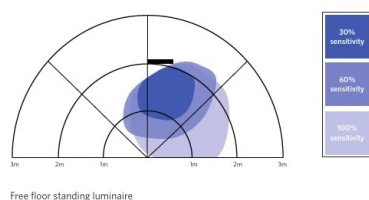
Ambient Conditions	
Operating temperature	-10 ~ 45 °C
Application temperature	25 °C
Storage environment	-25 ~ 50 °C



Dimensional Drawing (mm)



Motion Sensors



Photometric Data

