



Free floor standing luminaire Falcon EcoMax

- Modern free-floor standing luminaire with direct/indirect light distribution
- Low-glare lighting design ensures comfortability (UGR < 19)
- Includes a built-in PIR motion sensor for automated light control
- Touch-sensitive button on the pole for easy and stylish operation
- High efficacy of 158 lm/W



Specifications

Item Code	Item Description	Equivalent to (W)	Power (W)	Lumen (lm)	Efficacy (lm/W)	CCT (K)	Net Weight (kg/pc)
On-Off							
523027000600	LED Falcon-E 70W-840	3x PL-L 36W	70	11060	158	4000	12.3

Packaging information

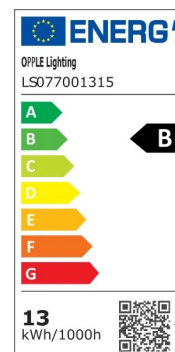
Item			Box			
Item Code	Item Description	EU HS Code	Dimensions (mm) (LxWxH)	Gross Weight (kg/pc)	EAN	pc/box
523027000600	LED Falcon-E 70W-840	94051190	1130x530x120	14.00	6937209657770	1

Technical Specifications	
Lifetime (L70)	100,000 h
Lifetime (L80)	50,000 h
On-/Off-cycles	100,000
Colour consistency (SDCM)	4
Dimmability	Touch Dim
Sensor type	Motion detection
Sensor technology	PIR sensor
Beam angle	120° up (70%) / 120° down (30%)
Finishing	White RAL9003
RAL-Number	9,003
Colour rendering index (CRI)	> 80
UGR	19
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

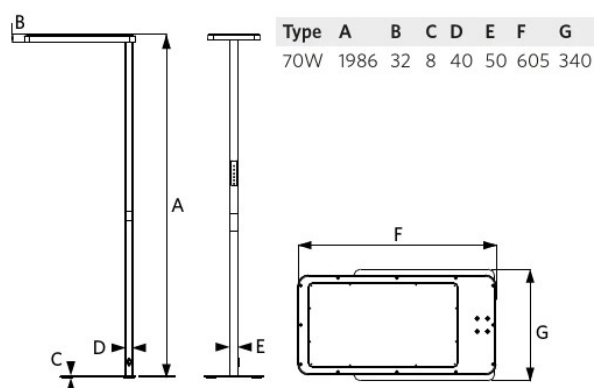
Electrical Supply	
Frequency	50 - 60
Nominal voltage	220 - 240 V
DC input voltage	No

Mechanical Properties	
Housing material	Die-casted Aluminum
Optical material	PMMA
Cover material	Polycarbonate

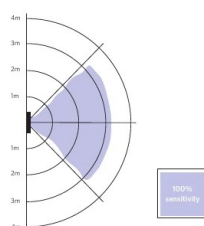
Ambient Conditions	
Operating temperature	-10 ~ 45 °C
Application temperature	25 °C
Storage environment	-25 ~ 50 °C



Dimensional Drawing (mm)



Motion Sensors



Free floor standing luminaire
Sensor height 1.3 m; not adjustable

Photometric Data

