

PRODUCT DATASHEET

FL COMP 165/200 V 135W ML 8304065 BK

FLOODLIGHT COMPACT GEN 2 | Floodlight with Multi Select function, up to 150 lm/W



VALUE
CLASS

Areas of application

- Replacement for floodlights with halogen lamps
- Outdoor use (IP65)
- Public areas
- Building facades
- Construction areas
- Gardens, balconies and other outdoor areas

Product benefits

- Highly versatile due to selectable CCT and lumen steps (Multi Select) thanks to a switch on the backside
- Robust cable gland with integrated waterstop function
- Breather membrane to optimize air exchange, without compromising IP protection
- Bright, robust and durable
- Energy savings of up to 90 % compared to halogen lamp floodlights
- No upper light output ratio (ULOR 0%) when mounted at 0° tilt

Product features

- High luminous efficacy: up to 150 lm/W
- Type of protection: IP65
- Pre-installed, flexible 1 m cable (H05RN-F), wrapped 3 x 1.0 mm² single wires
- Reflector-based, symmetric light distribution with 100° x 100° beam angle
- Mounting bracket with 30° angle and wide rotation area
- Integrated voltage driver, suitable for 220 - 240 V AC

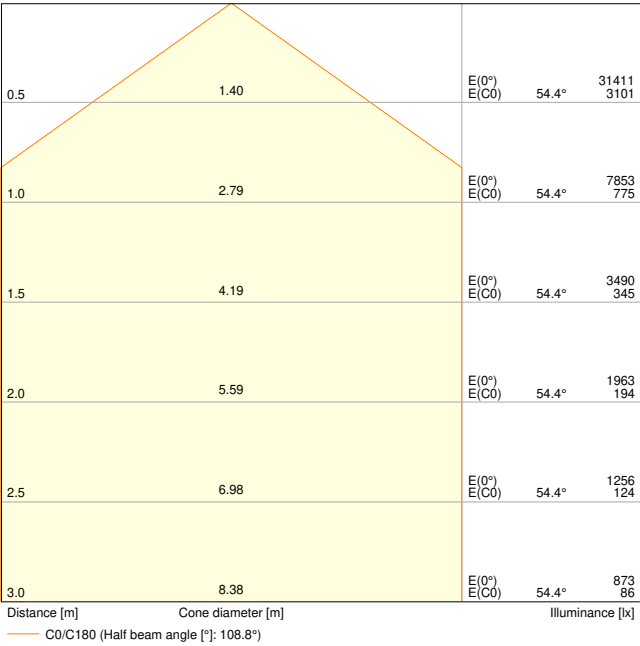


TECHNICAL DATA**Electrical data**

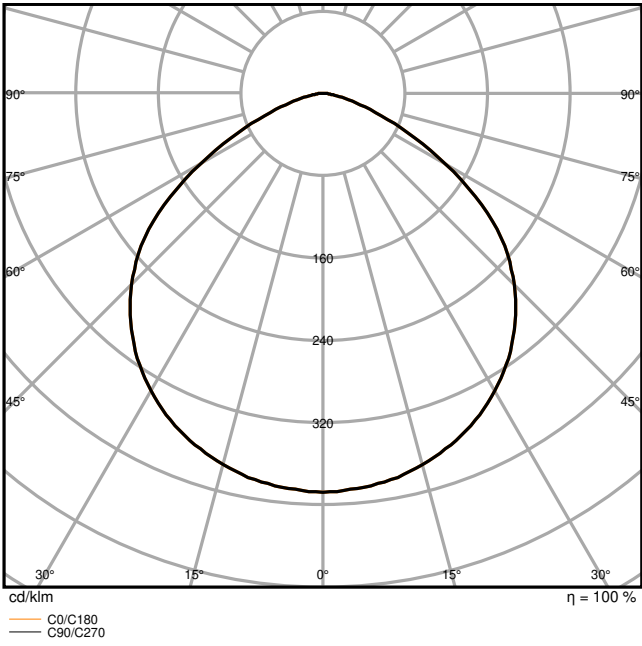
Nominal wattage	135 W / 120 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	599mA / 532 mA
Inrush current	33.6 A
Inrush current time T_{h50}	6.4 μ s
Max. number of luminaires per miniature circuit breaker B16	21
Max. number of luminaires per miniature circuit breaker C10	13
Max. number of luminaires per miniature circuit breaker C16	21
Power factor λ	> 0.9
Total harmonic distortion	≤ 10 %
Protection class	I
Surge capability (L-N)	4 kV
Surge capability (L/N-Ground)	6 kV
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	20250 lm / 18000 lm
Luminous efficacy	150 lm/W
Color temperature	3000 K / 4000 K / 6500 K
Reference control setting of contained light source (Kelvin)	4000 K
Light color (designation)	Warm White / Cool White / Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 5 sdc _m
Low flicker	Yes
Flickering metric (Pst LM)	<0.1
Stroboscope effect metric (SVM)	<1.2
Photobiological safety group acc. to EN62778	RG1
Beam angle	100 ° x 100 °



FL COMP 165 200 135W 840 100 BK



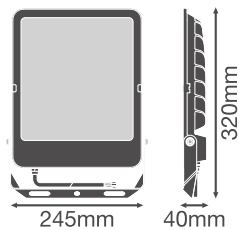
FL COMP 165 200 135W 840 100 BK

Adjustable attributes

Nominal wattage	Color temperature	Luminous flux	Luminous efficacy
135 W	3000 K	17500 lm	130 lm/W
135 W	4000 K	20250 lm	150 lm/W
135 W	6500 K	18900 lm	140 lm/W
120 W	3000 K	16200 lm	135 lm/W
120 W	4000 K	18000 lm	150 lm/W
120 W	6500 K	16800 lm	140 lm/W

Dimensions & Weight

Length	245.00 mm
Width	320.00 mm
Height	40.00 mm
Product weight	1795.00 g
Cable length	1000 mm



FL COMP 165/200 V 135W
ML8304065

Materials & Colors

Product color	Black
Housing color	Black
RAL Color (most similar)	RAL 9017
Body material	Aluminum
Cover material	Glass
Light emitting surface material	Structured glass
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-30...+45 °C
Temperature range at storage	-40...+80 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK06
Corrosion resistance class acc. to EN 12944	C4 Medium
Dimmable	No
Mounting type	Surface
Mounting location	Wall / Pole / Floor / Ceiling
Application environment	Outdoor
Mounting height	≤ 12 m
Mechanically adjustable	Yes
With light source	Yes

Replaceable light source	No
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Lifespan

Lifespan L70/B50 at 25 °C	70000 h ¹⁾
Lifespan L80/B10 at 25 °C	50000 h ¹⁾
Lifespan L80/B50 at 25 °C	50000 h
Lifespan L90/B10 at 25 °C	40000 h
Number of switching cycles	100000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Control gear

Output current	319 mA
ECG - Output ripple current	< 50 %

Emergency lighting

Type of emergency operation test	None
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Certificates & Standards

Standards	CE / CB / UKCA / EAC / EPD
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
EPD	LEDV-00087-V01.01-EN
Replaceable light source (EPREL)	Not replaceable

Additional product data

Product remark	Available from June 2026
Added function	MULTI SELECT

Accessories Optional

Product image	Product name	EAN
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FL TRAVERSE 1/2 42/60/76MM

4099854680038

Safety advice

– Max. wind load surface 18 W = 0,010 m² / 42 W = 0,018 m² / 70 W = 0,033 m² / 105 W = 0,044 m² / 135 W = 0,060 m² / 178 W = 0,074 m²

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire must be disposed of.
- Terminal block not included. Installation must be made by a qualified person.
- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	FL COMP
	Legal information	Legal Insert G11277400
	Legal information	FL COMP
	Legal information	Informationstext 18 Abs 4 ElektroG
	Legal information	HB COMP
	Declarations of conformity	FLOODLIGHT COMPACT LUM
	Declarations of conformity UKCA	FLOODLIGHT COMPACT LUM
	EPD	EPD EN FLOODLIGHT COMPACT GEN 2
Photometric and lighting design files		Document name
	IES file (IES)	FL COMP 165 200 135W 840 100 BK
	LDT file (Eulumdat)	FL COMP 165 200 135W 840 100 BK
	UGR file (UGR table)	FL COMP 165 200 135W 840 100 BK
	Light distribution curve type cone	FL COMP 165 200 135W 840 100 BK
	Light distribution curve type polar	FL COMP 165 200 135W 840 100 BK

CAD/BIM files		Document name
	BIM Revit 3D	Floodlight Compact G2
	CAD STEP 3D	FL COMP G2 135W
Tender texts		Document name
	Tender documents	ENFLOODLIGHT COMPACT GEN 2 165200 V 135W ML 8304065 BK-en

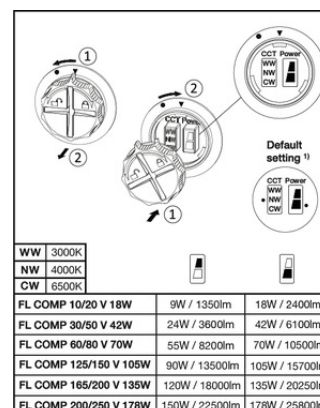
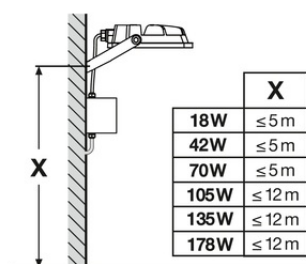
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854832260	Folding box 1	51 mm x 250 mm x 333 mm	1886.00 g	4.25 dm ³
4099854832277	Shipping box 4	267 mm x 223 mm x 363 mm	7889.00 g	21.61 dm ³

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.

ADDITIONAL CATALOG INFORMATION

					230 Vac		
					C15A 1000	B15A 4000	C15A 4000
18W	70	40	5.5	2x M5	0.010m ²	70	50
42W	110	80	5.5	2x M5	0.018m ²	20	25
70W	110	80	6.5	2x M5	0.033m ²	17	22
105W	120	80	8.5	2x M5	0.044m ²	17	22
135W	120	100	8.5	2x M5	0.060m ²	13	21
178W	170	110	8.5	2x M5	0.074m ²	15	19



References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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