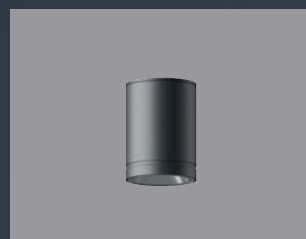
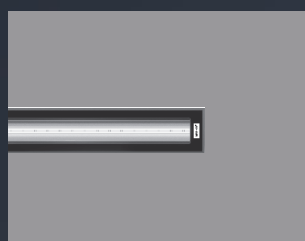
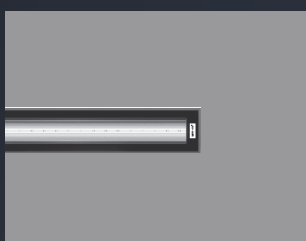


we-ef

WE-EF LEUCHTEN

European Edition

**HIGHLIGHTS
2020**





CONTENTS

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Luminaire housing:
Marine-grade, all-aluminium construction

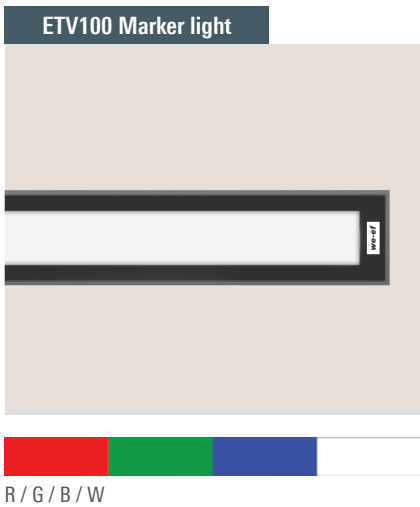
Corrosion protection:
PCS hardware

Driver:
EC electronic driver, in separate compartment,
fits into installation blackout

Main lens:
Safety glass; can be driven over at low speed,
without accelerating or turning, by vehicles
with air-filled tyres, at a weight up to 5 tonnes
per wheel Max. static load, 3 tonnes (according
to DIN EN 60598-2-13)

Gasketing:
Silicone rubber gasket

Control:
DALI



ETV129	R	G / B / W
	2 W	3 W
	70 lm	20-130 lm
ETV139	R	G / B / W
	3 W	4.5 W
	100 lm	30-200 lm
ETV149	R	G / B / W
	4 W	6 W
	130 lm	40-260 lm



	A
ETV129	627
ETV139	927
ETV149	1227

■ Shown above are rated lumens at Tq = 25°C

ACCESSORIES

Installation blackout
Blockout versions for single and multiple luminaire configurations are available. Multiple versions allow for up to four luminaires to be installed in one continuous row, without any gaps between them.



Luminaire housing:
Marine-grade, all-aluminium construction

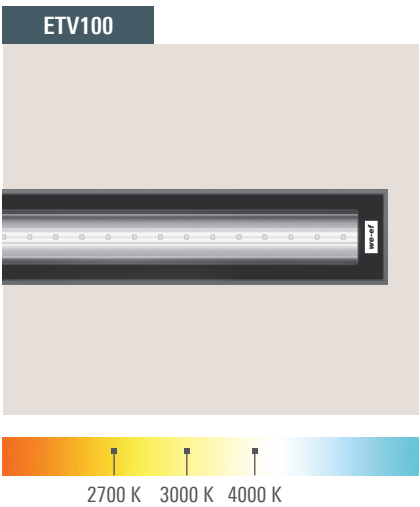
Corrosion protection:
PCS hardware

Driver:
EC electronic driver, in separate compartment,
fits into installation blackout

Main lens:
Safety glass; can be driven over at low speed,
without accelerating or turning, by vehicles
with air-filled tyres, at a weight up to 5 tonnes
per wheel Max. static load, 3 tonnes (according
to DIN EN 60598-2-13)

Gasketing:
Silicone rubber gasket

Control:
DALI



Asymmetric distribution



[A6]
linear, wall grazer
(7° / 8°)

ETV124	[A6]
	20 W
	2190 lm
ETV134	[A6]
	30 W
	3290 lm
ETV144	[A6]
	40 W
	4380 lm



	A
ETV124	627
ETV134	927
ETV144	1227

■ Shown above are rated lumens for
3000 K at Tq = 25°C

ACCESSORIES

Installation blackout
Blockout versions for single and multiple luminaire configurations are available. Multiple versions allow for up to four luminaires to be installed in one continuous row, without any gaps between them.





Luminaire housing:
Marine-grade, all-aluminium construction

Corrosion protection:
PCS hardware

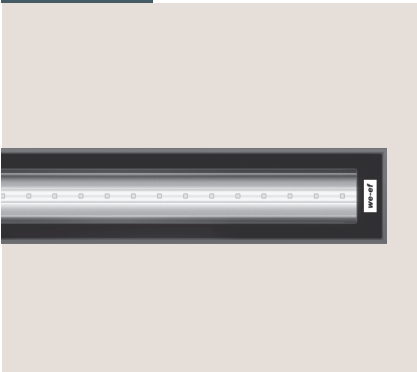
Driver:
EC electronic driver, in separate compartment, fits into installation blackout

Main lens:
Safety glass; can be driven over at low speed, without accelerating or turning, by vehicles with air-filled tyres, at a weight up to 5 tonnes per wheel Max. static load, 3 tonnes (according to DIN EN 60598-2-13)

Gasketing:
Silicone rubber gasket

Control:
DALI

ETV100-TW

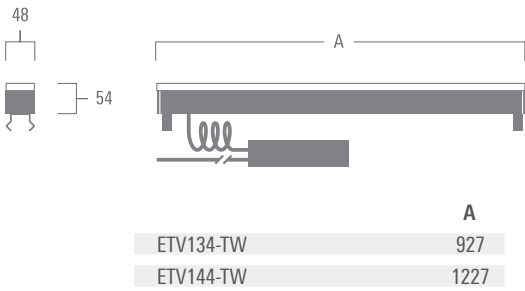


Asymmetric distribution



[A6]
linear, wall grazer
(7° / 8°)

ETV134-TW	[A6]
	48 W
	2990 lm
ETV144-TW	[A6]
	64 W
	3990 lm



■ Shown above are rated lumens for 3000 K at Tq = 25°C

ACCESSORIES

Installation blackout
Blockout versions for single and multiple luminaire configurations are available. Multiple versions allow for up to four luminaires to be installed in one continuous row, without any gaps between them.



Luminaire housing:
Marine-grade, all-aluminium construction

Corrosion protection:
PCS hardware

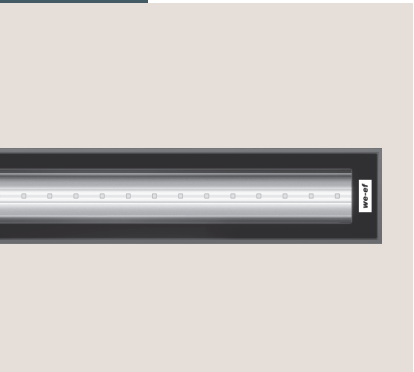
Driver:
EC electronic driver, in separate compartment, fits into installation blackout

Main lens:
Safety glass; can be driven over at low speed, without accelerating or turning, by vehicles with air-filled tyres, at a weight up to 5 tonnes per wheel Max. static load, 3 tonnes (according to DIN EN 60598-2-13)

Gasketing:
Silicone rubber gasket

Control:
DMX

ETV100-CC

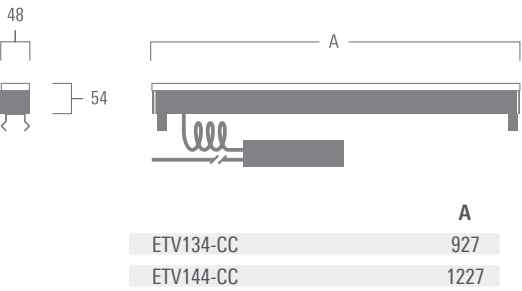


Asymmetric distribution



[A6]
linear, wall grazer
(7° / 8°)

ETV134-CC	[A6]
	48 W
	2990 lm
ETV144-CC	[A6]
	64 W
	3990 lm



■ Shown above are rated lumens at Tq = 25°C

ACCESSORIES

Installation blackout
Blockout versions for single and multiple luminaire configurations are available. Multiple versions allow for up to four luminaires to be installed in one continuous row, without any gaps between them.





01



02

01 Pedestrian zone
Elmshorn (D)

02 Queensland University
St. Lucia Campus
Brisbane (AUS)



03



04



05

04 The Sound at Cypress Waters
Texas (USA)
Artist: Juanjo Novella

05 Henry Rolland Park
Canberra (AUS)
Lighting design: John Raineri & Associate

IP66

IK07

Luminaire housing:

Marine-grade, die-cast aluminium alloy

Corrosion protection:

5CE, including PCS hardware

Driver:

FLC201: Electronic converter required, to be ordered separately

FLC210: Integral EC electronic converter

Main lens:

Safety glass

Gasketing:

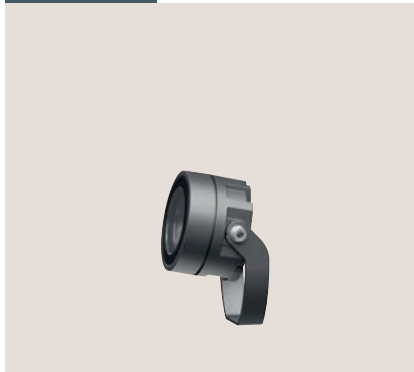
Silicone CCG® Controlled Compression Gasket

Control:

Optional DALI version available.

To be specified at time of ordering

FLC201



FLC210

**Symmetric distributions**

[B]
wide



[M]
medium



[E]
narrow



[EE]
very narrow



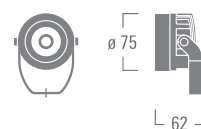
[EES]
very narrow,
'sharp cut-off'

FLC201	[B]	[M]	[E]	[EE]	[EES]
	2-4 W				
	320-500 lm				
	Max. 1 internal accessory				
	Max. 1 external accessory				

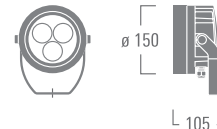
FLC210	[B]	[M]	[E]	[EE]	[EES]
	6-26 W				
	630-1410 lm				
	Max. 1 internal accessory				
	Max. 1 external accessory				

Product availability

FLC201	3rd Qtr 2020
FLC210	3rd Qtr 2020



FLC201



FLC210

ACCESSORIES**Internal optical accessories**

- Honeycomb louvre
- Flood lens
- Linear spread lens
- Wallwash lens

External optical accessories

- Snoot
- Glare shield

Mounting accessories

- Pole clamp
- Short post
- Planted root

- Shown above are rated lumens for 3000 K at T_q = 25°C

IP66

IK07

Luminaire housing:

Marine-grade, die-cast aluminium alloy

Corrosion protection:

5CE, including PCS hardware

Driver:

Integral EC electronic converter

Main lens:

Safety glass

Gasketing:

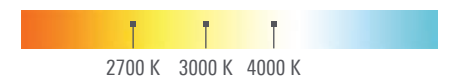
Silicone CCG® Controlled Compression Gasket

Control:

Optional DALI version available.

To be specified at time of ordering

FLC210 PP

**Applications – refer to page 11**

[GP]
gobo
(16°-27°)



[ZP]
zoom-spot
(16°-27°)



[FP]
polygon framing
(16°-27°)

FLC210 PP	[GP]	[ZP]	[FP]
	18-26 W		18-26 W
	800-1100 lm		1230-1830 lm



FLC210 PP

ACCESSORIES**Mounting accessories**

- Pole clamp
- Short post
- Planted root

- Shown above are rated lumens for 3000 K at T_q = 25°C

Gobo Projectors
Gobo motifs available on request

Zoom-Spot Projectors
17° - 28° adjustable opening angle

Framing Projectors
Adjustable polygon framing shutter

11

IK08

Luminaire housing:
Marine-grade, die-cast aluminium alloy

Corrosion protection:
5CE, including PCS hardware

Driver:
Integral EC electronic converter

Main lens:
Safety glass

Gasketing:
Silicone CCG® Controlled Compression Gasket

Control:
Optional DALI version available.
To be specified at time of ordering

Product availability	
FLC301	3rd Qtr 2020
FLC311	3rd Qtr 2020
FLC321	2nd Qtr 2021
FLC331	1st Qtr 2021
FLC341	1st Qtr 2021

2700 K 3000 K 4000 K

[B] wide

[M] medium







[EE] very narrow

[EES]
very narrow,
'sharp cut-off'

FLC301 Surface mounted [B] [M] [EE] [EES]

4 W
530 lm

Max. 1 internal accessory
Max. 1 external accessory

					
FLC301	FLC311	FLC311	FLC321	FLC331	FLC341
4 W	6-9 W	6-9 W	12-18 W	24-36 W	48-72 W
530 lm	500-590 lm	500-590 lm	970-1270 lm	1950-2530 lm	4570-5460 lm

Internal optical accessories

- Honeycomb louvre
- Flood lens
- Linear spread lens
- Wallwash lens

External optical accessories

- Snoot
- Glare shield

Mounting accessories

- Short post
- Planted root

- Shown above are rated lumens for 3000 K at $T_g = 25^\circ\text{C}$



01



02



01 Our Lady's Cathedral
Antwerp (BE)
Project owner: City of Antwerp

02 Leieboorden
Kortrijk (BE)



03

03 Saint Bruno Church of Voiron
Voiron (FR)

IP66

IK07

Luminaire housing:

Marine-grade, die-cast aluminium alloy

Corrosion protection:

5CE, including PCS hardware

Driver:

Integral EC electronic converter in thermally-separated compartment

Main lens:

Safety glass

Gasketing:

Silicone rubber gasket

Control:

Optional DALI version available.
To be specified at time of ordering

Product availability

DAC110	1st Qtr 2021
DAC120	4th Qtr 2020
DAC140	1st Qtr 2021

	A
DAC110	ø 105
DAC120	ø 140
DAC130	ø 195

ACCESSORIES

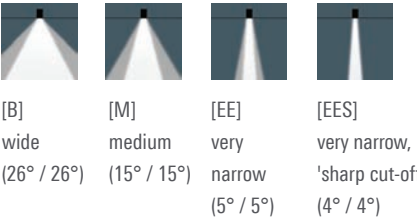
Internal optical accessories

- Honeycomb louvre
- Flood lens
- Linear spread lens
- Wallwash lens

DAC100



Symmetric distributions



DAC110 [B] [M] [EE] [EES]
6-12 W
550-1370 lm
Max. 1 internal accessory

DAC120 [B] [M] [EE] [EES]
24 W
2040-2610 lm
Max. 1 internal accessory

DAC140 [B] [M] [EE] [EES]
48 W
4570-5460 lm
Max. 1 internal accessory



01

01 Steinmüller Passage
Gummersbach (D)

■ Shown above are rated lumens for
3000 K at Tq = 25°C

IP66

IK09
IK10**Luminaire housing:**

Marine-grade, die-cast aluminium alloy

Corrosion protection:

5CE, including PCS hardware

Driver:

Integral EC electronic converter

Main lens:

LTM440: Polycarbonate, UV-stabilised

LTM444: PMMA

Gasketing:

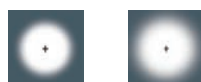
Silicone CCG® Controlled Compression Gasket

Control:

Optional DALI version available.

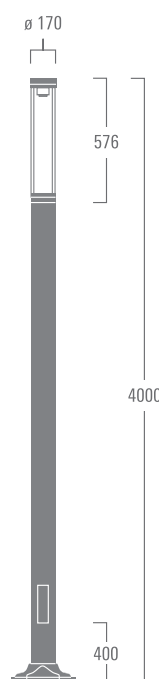
To be specified at time of ordering

LTM440-FT

**Symmetric distributions**[C50]
controlled

[C60]

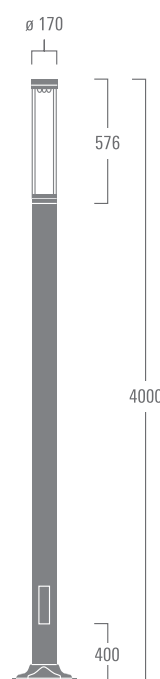
LTM440-FT

[C50] [C60]
17-37 W
2070-5530 lm

LTM444

**Asymmetric distribution**[S65]
streetlighting[R65]
rectangular
'side throw'

LTM444

[S65] [R65]
18-27 W
1970-3290 lm

■ Shown above are rated lumens for
3000 K at T_q = 25°C



01



01 Sutton Bonington
The University of Nottingham
Leicester (UK)

IP67

IK10

Luminaire housing:
Marine-grade, all-aluminium construction

Corrosion protection:
5CE, including PCS hardware

Driver:
Integral EC electronic converter

Main lens:
Polycarbonate, UV-stabilised

Gasketing:
Silicone CCG® Controlled Compression Gasket

Control:
Optional DALI version available.
To be specified at time of ordering


MRY224





2700 K 3000 K 4000 K

Symmetric distribution



[C70]

MRY224

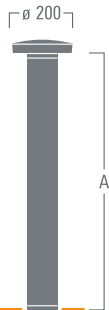
[C70]

11-15 W

965-1280 lm

Product availability	
MRY224	3rd Qtr 2020

	A
MRY224	600
MRY224	850



■ Shown above are rated lumens for
3000 K at Tq = 25°C



01

01 MRY224 application

IP66

IK10

Luminaire housing:

Marine-grade, all-aluminium construction
Pole section features galvanised steel reinforcement core

Corrosion protection:

5CE, including PCS hardware

Driver:

Integral EC electronic converter

Main lens:

RFC® Reflection Free Contour

Gasketing:

Silicone CCG® Controlled Compression Gasket

Control:

Optional DALI version available.
To be specified at time of ordering

PSY400



Rectangular/Asymmetric distributions



[R45]
'forward
throw'



[S70]
'side throw'



[A60]
'forward
throw'



[R65]
'forward
throw'

PSY414

[R45]

6-13 W
550-1110 lm

PSY424

[S70] [A60] [R65]

12-16 W
1040-2480 lm

	A	B
PSY414	190	600
PSY424	260	1000



■ Shown above are rated lumens for
3000 K at Tq = 25°C



01

01 PSY424 application

IP66

IK07

Luminaire housing:
Marine-grade, die-cast aluminium alloy

Corrosion protection:
5CE, including PCS hardware

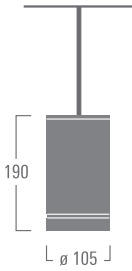
Driver:
Integral EC electronic converter

Main lens:
Safety glass

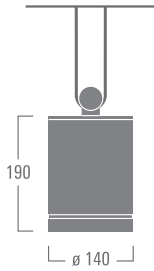
Gasketing:
Silicone CCG® Controlled Compression Gasket

Control:
WE-EF Eco Step Dim®

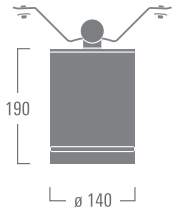
Product availability	
DAS110	1st Qtr 2021
DAS120	1st Qtr 2021
DAS140	1st Qtr 2021



DAS110







DAS120



DAS100



Symmetric distributions



[B] wide (26° / 26°)

[M] medium (15° / 15°)

[EE] very narrow (5° / 5°)

[EES] very narrow, 'sharp cut-off' (4° / 4°)

DAS110

[B] [M] [EE] [EES]

6-12 W

550-1370 lm

DAS120

[B] [M] [EE] [EES]

24 W

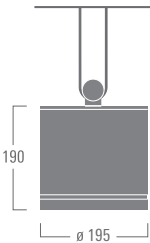
2040-2610 lm

DAS140

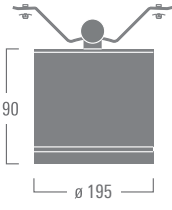
[B] [M] [EE] [EES]

48 W

4115-5460 lm



DAS140



■ Shown above are rated lumens for 3000 K at T_q = 25°C

IP66

IK07

Luminaire housing:
Marine-grade, die-cast aluminium alloy

Corrosion protection:
5CE, including PCS hardware

Driver:
Integral EC electronic converter

Main lens:
Polycarbonate, UV-stabilised

Gasketing:
Silicone rubber gasket


Control:
WE-EF Eco Step Dim®

Product availability	
ZFS400	4th Qtr 2020

ZFS400



Symmetric distributions



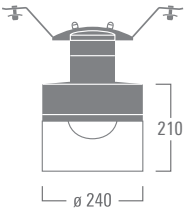
[C50] controlled

ZFS460

[C50]

24-37 W

3438-5667 lm



■ Shown above are rated lumens for 3000 K at T_q = 25°C

IP66	IK09	ZFT430/440-FT
		ZFT434/444
IP66	IK08	ZFT460/470-FT
		ZFT464/474

Luminaire housing:
Marine-grade, die-cast aluminium alloy

Corrosion protection:
5CE, including PCS hardware

Driver:
Integral EC electronic converter

Main lens:
PMMA

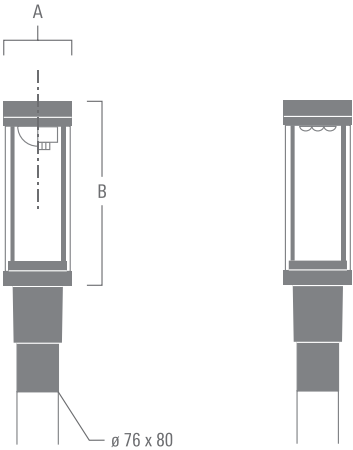
Gasketing:
Silicone CCG® Controlled Compression Gasket

Control:
WE-EF Eco Step Dim®



ZFT430/440-FT	ZFT434/444	[C50] [C60]	[S65] [R65]
		12-37 W 1270-5470 lm Max. 1 internal accessory	9-27 W 990-3040 lm
ZFT460/470-FT	ZFT464/474	[C50] [C60]	[S65] [R65]
		12-37 W 1270-5470 lm Max. 1 internal accessory	36-54 W 3770-6340 lm

	A	B
ZFT430-FT / ZFT434	ø 170	388
ZFT440-FT / ZFT444	ø 170	448
ZFT460-FT / ZFT464	ø 250	388
ZFT470-FT / ZFT474	ø 250	448



■ Shown above are rated lumens for
3000 K at Tq = 25°C

IP66	IK09	ZAT430/440-FT
		ZAT434/444
IP66	IK08	ZAT460/470-FT
		ZAT464/474

Luminaire housing:
Marine-grade, die-cast aluminium alloy

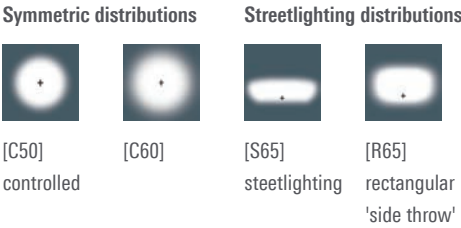
Corrosion protection:
5CE, including PCS hardware

Driver:
Integral EC electronic converter

Main lens:
PMMA

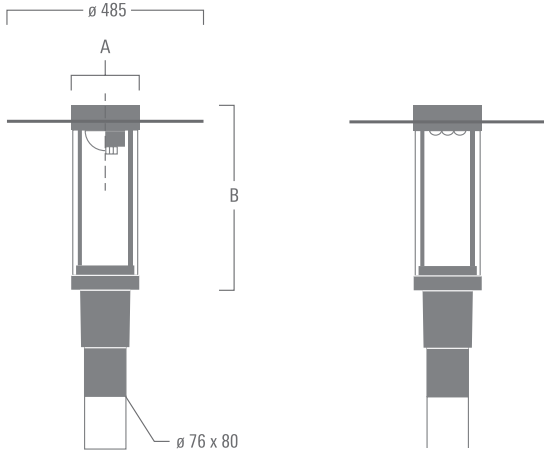
Gasketing:
Silicone CCG® Controlled Compression Gasket

Control:
WE-EF Eco Step Dim®



ZAT430/440-FT	ZAT434/444	[C50] [C60]	[S65] [R65]
		12-37 W 1270-5470 lm Max. 1 internal accessory	9-27 W 990-3040 lm
ZAT460/470-FT	ZAT464/474	[C50] [C60]	[S65] [R65]
		12-37 W 1270-5470 lm Max. 1 internal accessory	36-54 W 3770-6340 lm

	A	B
ZAT430-FT / ZAT434	ø 170	388
ZAT440-FT / ZAT444	ø 170	448
ZAT460-FT / ZAT464	ø 250	388
ZAT470-FT / ZAT474	ø 250	448



■ Shown above are rated lumens for
3000 K at Tq = 25°C

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