



Light is adaptable

Efficient solutions with ELEMENT and OT FIT LED drivers

In addition to the requirements on light quality and performance, economic aspects also play a crucial role in the design of the lighting system. The combination of our versatile LED drivers with the new cost-efficient Basic Linear LED modules of the 3rd generation offers you optimum solutions for damp-proof luminaires.

Light is OSRAM

OSRAM

Combine costs and performance with efficiency

The ELEMENT and OT FIT LED driver families are ideally suited for use in damp-proof luminaires. Both product lines have high quality, reliability and robustness in common. This will pay off for you in the long term.

ELEMENT

3 Year
OSRAM
Guarantee



Cost efficiency

OT FIT

Low
Ripple
5 Year
OSRAM
Guarantee



Light quality and thermal quality

ELEMENT 40/220...240/350 D CS L

Economical, variable, small housing dimensions. These drivers are characterized by high efficiency, flexible current setting of four output currents via DIP switch and their reliability.

OPTOTRONIC® FIT 35/220...240/350 D CS L

Powerful, versatile, efficient. The very durable drivers are ideal for demanding applications: with low output ripple current, high thermal load capacity and flexibility thanks to a DIP switch for four output currents.



Excerpt from the LED driver portfolio



Excerpt from the LED driver portfolio

	Power	Ripple current	Efficiency	Lifetime
ELEMENT 40	40 W	< 30 %	up to 93 %	50 kh @ T _c 65 °C
ELEMENT 60	60 W	< 30 %	up to 94 %	50 kh @ T _c 65 °C

	Power	Ripple current	Efficiency	Lifetime
OT FIT 35	40 W	< 4 %	up to 91 %	50 kh @ T _c 75 °C
OT FIT 65	66 W	< 4 %	up to 93 %	50 kh @ T _c 75 °C

LED modules in two total lengths and luminous fluxes

Depending on the application, the new Basic Linear LED modules of the 3rd generation are available in two lengths and two luminous fluxes. You can connect the 1120 mm LED module (4 FT) with lower or higher luminous flux with one 280 mm LED module (1 FT) each.

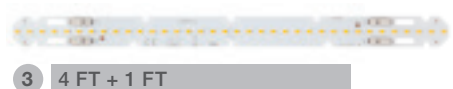
Lower luminous flux

BA-LIN-Z3 3100-840 1120X20-HV

BA-LIN-Z3 770-840 280X20-HV



1 4 FT only



3 4 FT + 1 FT

Higher luminous flux

BA-LIN-Z3 4400-840 1120X20

BA-LIN-Z3 1100-840 280X20



2 4 FT only



4 4 FT + 1 FT

Find your perfect system match

200 mA

		ELEMENT 40/220...240/350 D CS L				OT FIT 35/220...240/350 D CS L		OT FIT 65/220...240/350 D CS L			
		LED module				Driver efficiency	System lm/W	Driver efficiency	System lm/W	Driver efficiency	System lm/W
		V	W	lm	lm/W						
1	4 FT lower luminous flux	98.6	19.7	3271	166	93.0 %	154	88.0 %	146	90.0 %	149
2	4 FT higher luminous flux	97.0	19.4	3380	174	93.0 %	162	88.0 %	153	90.0 %	157
3	5 FT lower luminous flux	123.2	24.6	4089	166	95.0 %	158	89.5 %	149	91.5 %	152
4	5 FT higher luminous flux	121.2	24.3	4225	174	95.0 %	165	89.5 %	156	91.5 %	159

250 mA

		LED module				Driver efficiency	System lm/W	Driver efficiency	System lm/W	Driver efficiency	System lm/W
		V	W	lm	lm/W						
1	4 FT lower luminous flux	100.1	25.2	3989	159	93.0 %	148	89.0 %	142	90.0 %	143
2	4 FT higher luminous flux	98.2	24.5	4119	168	93.0 %	156	89.0 %	150	90.0 %	151
3	5 FT lower luminous flux	125.3	31.5	4986	159	95.0 %	151	90.5 %	144	91.5 %	145
4	5 FT higher luminous flux	122.7	30.6	5149	168	95.0 %	160	90.5 %	152	91.5 %	154

300 mA

		LED module				Driver efficiency	System lm/W	Driver efficiency	System lm/W	Driver efficiency	System lm/W
		V	W	lm	lm/W						
1	4 FT lower luminous flux	101.5	30.4	4689	154	93.0 %	143	89.0 %	137	90.0 %	139
2	4 FT higher luminous flux	99.3	29.8	4843	163	93.0 %	152	89.0 %	145	90.0 %	147
3	5 FT lower luminous flux	126.9	38.0	5861	154	95.0 %	146			91.5 %	141
4	5 FT higher luminous flux	124.1	37.3	6054	163	95.0 %	155			91.5 %	149

350 mA

		ELEMENT 60/220...240/350 D CS L				OT FIT 35/220...240/350 D CS L		OT FIT 65/220...240/350 D CS L			
		LED module				Driver efficiency	System lm/W	Driver efficiency	System lm/W	Driver efficiency	System lm/W
		V	W	lm	lm/W						
1	4 FT lower luminous flux	102.8	36.0	5372	149	96.0 %	143	90.0 %	134	91.1 %	136
2	4 FT higher luminous flux	100.4	35.2	5555	158	96.0 %	152	90.0 %	142	91.0 %	144
3	5 FT lower luminous flux	128.5	45.0	6715	149	98.0 %	146			93.1 %	139
4	5 FT higher luminous flux	125.5	44.0	6944	158	98.0 %	155			93.0 %	147

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