OSRAM ECOPACK®-FQ®/R, OSRAM ECOPACK®-FH®

BIG ON LIGHT.
LIGHT ON ELECTRICITY.

THERE IS LIGHT. AND THERE IS OSRAM.

OSRAM

THE SLIMLINE SOLUTION FOR ERGONOMIC WORK LIGHT.

PURE POWER

ECOPACK®-FQ®/R are new high-intensity batten luminaires with 16 mm FQ® fluorescent lamps, parabolic specular louvres and integrated QUICKTRONIC® electronic control gear.

They complement the existing ECOPACK®-FH® units that are designed for maximum economy and provide a completely new range of lighting solutions that meet the tough demands of professional users.

The product family:
- ECOPACK®-FQ®/R: the high-intensity light
- ECOPACK®-FH®: the economical light
- ECOPACK®-TWIN: the twin pack

WITH ALL THE COMFORT OF QUICKTRONIC®

All the ECOPACK®-FQ®/R and -FH® batten luminaires are equipped with the appropriate OSRAM QUICKTRONIC® electronic control gear (ECG).
By carefully matching the technical data of the lamp and the electronic control gear, OSRAM can guarantee excellent quality and reliability. Cut-Off technology switches filament heating off as soon as the lamp reaches its operating temperature. This is particularly kind to the lamp, increasing its life (to 20,000 hours) and minimising the power loss of the ECG. The long life of OSRAM ECGs is a further benefit. Over 90% of OSRAM ECGs last more than 50,000 hours, which is more or less as long as the luminaire will be used.

THE BENEFITS OF ECG OPERATION AT A GLANCE

electronic comfort light
Quick start
Flicker free
Energy saving
Longer lamp life

- Calm flicker-free light
- Instant flicker-free starting
- Silent operation, no hum
- Shutdown of faulty flashing lamps

cut off

- Long life and impressive efficiency thanks to Cut-Off technology

OSRAM ECOPACK®-FQ®/R

FULL LIGHT AHEAD

OSRAM ECOPACK®-FQ®/R are equipped with parabolic specular louvres and high-intensity 16 mm FQ® fluorescent lamps from OSRAM. They are more than 50% brighter than 26 mm lamps of comparable length. These new elegant batten luminaires are available as single luminaires for fixed connection and as practical and economical ECOPACK®-FQ®/R TWIN luminaires.

The attractive double parabolic louvre made from highly polished anodised aluminium directs the light where it is needed without glare. The luminaires comply with the requirements relating to glare at screen-based workplaces*.

Thanks to the narrow 16 mm fluorescent lamp, the louvres on ECOPACK®-FQ®/R luminaires are much more compact than those on luminaires with conventional 26 mm lamps, resulting in better performance. What's more, the light escaping from the sides of the louvres provides an attractive optical effect.

OSRAM ECOPACK®-FQ®/R is therefore a modern low-cost solution, particularly in traditional offices, home offices and retail outlets.

OSRAM ECOPACK®-FQ®/R

* to DIN 5035 Part 7, Table 2

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OSRAM ECOPACK®-FH®

HIGH PERFORMANCE, LOW CONSUMPTION

The ECOPACK®-FH® single luminaire and the ECOPACK®- FH® TWIN luminaire are batten luminaires that have been designed for maximum economy. Equipped with innovative FH® fluorescent lamps from OSRAM, they provide virtually the same amount of light as batten luminaires of comparable length fitted with T8 fluorescent lamps but consume less electricity. In other words, they consume fewer watts per meter of light.

These electronic batten luminaires for fixed connection are ideal wherever permanent economical lighting with maximum luminous efficacy is needed, for example in retail outlets, workshops, office corridors, stairwells, washrooms and public rooms. A prismatic cover ensures the light is evenly distributed and protects the lamp against moisture, dirt and damage.

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OSRAM ECOPACK®-FH®

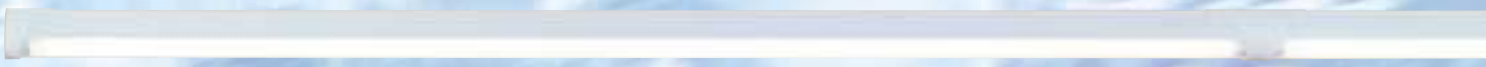
OSRAM ECOPACK® TWIN

Longer lasting light

The twin luminaires ECOPACK®-FH® TWIN 35 W+35 W and ECOPACK®-FQ®/R TWIN 54 W+54 W are essentially two individual luminaires combined in a single unit. The clever part is that only one of the luminaires is equipped with a two-lamp QUICKTRONIC® electronic control gear – and operates the other one at the same time.

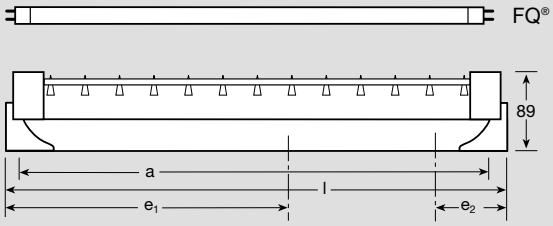
The unit is fully wired and ready for use. Just one lampholder needs to be clipped in and then the two luminaires can be joined together. In this way, you can quickly and cheaply install about 2.4 m of strip lighting with the FQ®/R luminaire and about 3 m with the FH® luminaire.

OSRAM ECOPACK®-FQ®/R TWIN

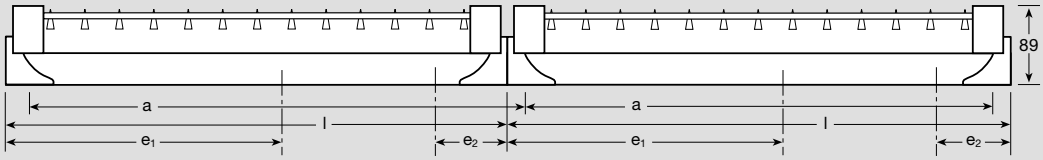


OSRAM ECOPACK®-FH® TWIN

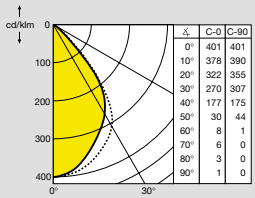
TECHNICAL DATA



OSRAM ECOPACK®-FQ®/R



OSRAM ECOPACK®-FQ®/R TWIN



∡	C-0	C-90
0°	401	401
10°	378	390
20°	322	355
30°	270	307
40°	177	175
50°	30	44
60°	8	1
70°	6	0
80°	3	0
90°	1	0

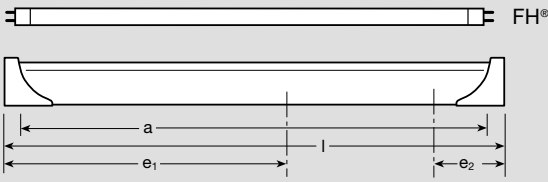
Classification to DIN 5040: A50
Luminaire efficiency η_{LB}: 0,6

	Quality class	for E_N
C-0 transverse	A	1000 lx
C-90 parallel	1	1000 lx

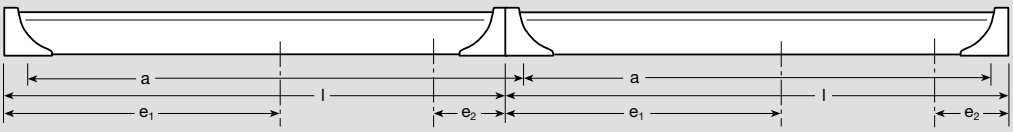
Dimensions in mm

TYPE OSRAM	ECOPACK®-FQ®/R 24 W	ECOPACK®-FQ®/R 39 W	ECOPACK®-FQ®/R 54 W	ECOPACK®-FQ®/R 80 W	ECOPACK®-FQ®/R TWIN 54 W + 54 W
Reference	72630-15	72631-15	72632-15	72633-15	72636-15
Mains voltage	230–240 V	230–240 V	230–240 V	230–240 V	230–240 V
Mains frequency	0, 50–60 Hz	0, 50–60 Hz	0, 50–60 Hz	0, 50–60 Hz	0, 50–60 Hz
Wattage	24 W	39 W	54 W	80 W	54 W + 54 W
Length l	584 mm	884 mm	1184 mm	1484 mm	2368 mm
Distance between mounting holes a	538 mm	838 mm	1138 mm	1438 mm	1138 + 1182 mm
Feed spacing e_1 Feed spacing e_2	– 106 mm	478 mm 106 mm	592 mm 106 mm	742 mm 106 mm	592 mm 106 mm
EAN 4050300	601977	601991	602011	602035	602059
Standard pack	2 pcs	2 pcs	2 pcs	2 pcs	1 pcs
Equipped with lamp	FQ 24 W/840	FQ 39 W/840	FQ 54 W/840	FQ 80 W/840	FQ 54 W/840
Type for protection	IP20	IP20	IP20	IP20	IP20
Approval marks	*	*	*	*	*

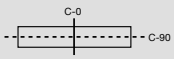
* applied for

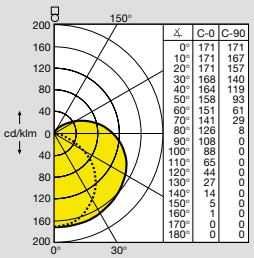


OSRAM ECOPACK®-FH®



OSRAM ECOPACK®-FH® TWIN





∡	C-0	C-90
0°	171	171
10°	171	167
20°	171	157
30°	168	140
40°	164	119
50°	158	93
60°	151	61
70°	141	29
80°	126	8
90°	108	0
100°	88	0
110°	65	0
120°	44	0
130°	27	0
140°	14	0
150°	5	0
160°	1	0
170°	0	0
180°	0	0

Classification to DIN 5040: B21
Luminaire efficiency η_{LB}: 0,84

Dimensions in mm

TYPE OSRAM	ECOPACK®-FH® 14 W	ECOPACK®-FH® 21 W	ECOPACK®-FH® 28 W	ECOPACK®-FH® 35 W	ECOPACK®-FH® TWIN 35 W + 35 W
Reference	72601	72602	72603	72604	72608
Mains voltage	230–240 V	230–240 V	230–240 V	230–240 V	230–240 V
Mains frequency	0, 50–60 Hz	0, 50–60 Hz	0, 50–60 Hz	0, 50–60 Hz	0, 50–60 Hz
Wattage	14 W	21 W	28 W	35 W	35 W + 35 W
Length l	584 mm	884 mm	1184 mm	1484 mm	2968 mm
Distance between mounting holes a	538 mm	838 mm	1138 mm	1438 mm	1438 + 1482 mm
Feed spacing e_1 Feed spacing e_2	350 mm 106 mm	442 mm 106 mm	592 mm 106 mm	742 mm 106 mm	742 mm 106 mm
EAN 4050300	513249	513263	513287	513300	513324
Standard pack	4 pcs	4 pcs	4 pcs	4 pcs	1 pcs
Equipped with lamp	FH 14 W/830	FH 21 W/830	FH 28 W/830	FH 35 W/830	FH 35 W/830
Type of Protection	IP40	IP40	IP40	IP40	IP40
Approval marks					

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131 S55 E 05/01