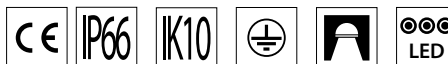


## Fibra IV LED



Hermetic lighting luminaire for LED sources. IP66 protection degree.

**Materials:** Base made of impact proof polycarbonate, OPAL diffuser, UV stabilized, polycarbonate PC diffuser, fiber glass reinforced clips.

**Installation:** Surface mounted or suspended.

**Accessories:** Stainless steel clips, protective grid

**Power:** 230 V



### ELECTRICAL DATA

Light source	LED
Type of equipment	AC
Voltage rating	220 ... 240 V
Light source included	Yes
Power factor	0.96

### MECHANICAL DATA

Type of installation	Universal
Housing material	Plastic

### INFORMATION

Colour	Grey
Operating temperature range	-25 ... 40 °C
Power and luminous flux tolerance	+/-10%

### CERTIFICATES

Degree of protection (IP)	IP66
Impact resistance	IK10
Class of protection	I
CE	Yes

### LIGHT DATA

Light colour	White
Color rendering index	80
Light distribution	DI
Class of luminaire	I
Light output degradation	B10
Lumen maintenance	L80
Lifetime	> 72000 h
MacAdam	SDCM 3
Lamp Lumen Maintenance Factor (after 60 000h)	85%

### OPTICAL DATA

Louver/ shutter	OPAL
Diffuser material	Opal plastic

### AVAILABLE VARIANTS

Luminaire power [W]	Through-wiring	Through wiring	Emergency module	Luminaire luminous flux [lm]	Luminaire's luminous efficacy [lm/W]	Colour temperature	Info	Weight [kg]	ON/OFF	DALI
12	-	-	-	1970	164	3000K	615 mm	0.90	HB001.2211.830.A000	HB001.2211.830.D000
12	yes	TH5	-	1970	164	3000K	615 mm	0.90	HB001.2211.830.A020	HB001.2211.830.D020
12	-	-	-	2065	172	4000K	615 mm	0.90	HB001.2211.840.A000	HB001.2211.840.D000
12	yes	TH5	-	2065	172	4000K	615 mm	0.90	HB001.2211.840.A020	HB001.2211.840.D020
16	-	-	-	2695	168	3000K	615 mm	0.90	HB002.2211.830.A000	HB002.2211.830.D000
16	yes	TH5	-	2695	168	3000K	615 mm	0.90	HB002.2211.830.A020	HB002.2211.830.D020

## AVAILABLE VARIANTS

Luminaire power [W]	Through-wiring	Through wiring	Emergency module	Luminaire luminous flux [lm]	Luminaire's luminous efficacy [lm/W]	Colour temperature	Info	Weight [kg]	ON/OFF	DALI
16	-	-	-	2825	177	4000K	615 mm	0.90	HB002.2211.840.A000	HB002.2211.840.D000
16	yes	TH5	-	2825	177	4000K	615 mm	0.90	HB002.2211.840.A020	HB002.2211.840.D020
28	-	-	-	4690	168	3000K	615 mm	0.90	HB003.2211.830.A000	HB003.2211.830.D000
28	yes	TH5	-	4690	168	3000K	615 mm	0.90	HB003.2211.830.A020	HB003.2211.830.D020
28	-	-	-	4915	176	4000K	615 mm	0.90	HB003.2211.840.A000	HB003.2211.840.D000
28	yes	TH5	-	4915	176	4000K	615 mm	0.90	HB003.2211.840.A020	HB003.2211.840.D020
24	-	-	-	3940	164	3000K	1175 mm	1.70	HB004.2211.830.A000	HB004.2211.830.D000
24	yes	TH5	-	3940	164	3000K	1175 mm	1.70	HB004.2211.830.A020	HB004.2211.830.D020
24	-	-	EM1h	3940	164	3000K	1175 mm	1.70	HB004.2211.830.A100	HB004.2211.830.D100
24	yes	TH5	EM1h	3940	164	3000K	1175 mm	1.70	HB004.2211.830.A120	HB004.2211.830.D120
24	-	-	EM3h	3940	164	3000K	1175 mm	1.70	HB004.2211.830.A200	HB004.2211.830.D200
24	yes	TH5	EM3h	3940	164	3000K	1175 mm	1.70	HB004.2211.830.A220	HB004.2211.830.D220
24	-	-	-	4130	172	4000K	1175 mm	1.70	HB004.2211.840.A000	HB004.2211.840.D000
24	yes	TH5	-	4130	172	4000K	1175 mm	1.70	HB004.2211.840.A020	HB004.2211.840.D020
24	-	-	EM1h	4130	172	4000K	1175 mm	1.70	HB004.2211.840.A100	HB004.2211.840.D100
24	yes	TH5	EM1h	4130	172	4000K	1175 mm	1.70	HB004.2211.840.A120	HB004.2211.840.D120
24	-	-	EM3h	4130	172	4000K	1175 mm	1.70	HB004.2211.840.A200	HB004.2211.840.D200
24	yes	TH5	EM3h	4130	172	4000K	1175 mm	1.70	HB004.2211.840.A220	HB004.2211.840.D220
27	-	-	-	4855	180	3000K	1175 mm	1.70	HB005.2211.830.A000	HB005.2211.830.D000
27	yes	TH5	-	4855	180	3000K	1175 mm	1.70	HB005.2211.830.A020	HB005.2211.830.D020
27	-	-	EM1h	4855	180	3000K	1175 mm	1.70	HB005.2211.830.A100	HB005.2211.830.D100
27	yes	TH5	EM1h	4855	180	3000K	1175 mm	1.70	HB005.2211.830.A120	HB005.2211.830.D120
27	-	-	EM3h	4855	180	3000K	1175 mm	1.70	HB005.2211.830.A200	HB005.2211.830.D200
27	yes	TH5	EM3h	4855	180	3000K	1175 mm	1.70	HB005.2211.830.A220	HB005.2211.830.D220
27	-	-	-	5090	189	4000K	1175 mm	1.70	HB005.2211.840.A000	HB005.2211.840.D000
27	yes	TH5	-	5090	189	4000K	1175 mm	1.70	HB005.2211.840.A020	HB005.2211.840.D020
27	-	-	EM1h	5090	189	4000K	1175 mm	1.70	HB005.2211.840.A100	HB005.2211.840.D100
27	yes	TH5	EM1h	5090	189	4000K	1175 mm	1.70	HB005.2211.840.A120	HB005.2211.840.D120
27	-	-	EM3h	5090	189	4000K	1175 mm	1.70	HB005.2211.840.A200	HB005.2211.840.D200
27	yes	TH5	EM3h	5090	189	4000K	1175 mm	1.70	HB005.2211.840.A220	HB005.2211.840.D220
33	-	-	-	5395	163	3000K	1175 mm	1.70	HB006.2211.830.A000	HB006.2211.830.D000
33	yes	TH5	-	5395	163	3000K	1175 mm	1.70	HB006.2211.830.A020	HB006.2211.830.D020
33	-	-	EM1h	5395	163	3000K	1175 mm	1.70	HB006.2211.830.A100	HB006.2211.830.D100
33	yes	TH5	EM1h	5395	163	3000K	1175 mm	1.70	HB006.2211.830.A120	HB006.2211.830.D120
33	-	-	EM3h	5395	163	3000K	1175 mm	1.70	HB006.2211.830.A200	HB006.2211.830.D200
33	yes	TH5	EM3h	5395	163	3000K	1175 mm	1.70	HB006.2211.830.A220	HB006.2211.830.D220
33	-	-	-	5655	171	4000K	1175 mm	1.70	HB006.2211.840.A000	HB006.2211.840.D000
33	yes	TH5	-	5655	171	4000K	1175 mm	1.70	HB006.2211.840.A020	HB006.2211.840.D020
33	-	-	EM1h	5655	171	4000K	1175 mm	1.70	HB006.2211.840.A100	HB006.2211.840.D100
33	yes	TH5	EM1h	5655	171	4000K	1175 mm	1.70	HB006.2211.840.A120	HB006.2211.840.D120
33	-	-	EM3h	5655	171	4000K	1175 mm	1.70	HB006.2211.840.A200	HB006.2211.840.D200
33	yes	TH5	EM3h	5655	171	4000K	1175 mm	1.70	HB006.2211.840.A220	HB006.2211.840.D220
37	-	-	-	6010	162	3000K	1175 mm	1.70	HB021.2211.830.A000	HB021.2211.830.D000
37	yes	TH5	-	6010	162	3000K	1175 mm	1.70	HB021.2211.830.A020	HB021.2211.830.D020
37	-	-	EM1h	6010	162	3000K	1175 mm	1.70	HB021.2211.830.A100	HB021.2211.830.D100
37	yes	TH5	EM1h	6010	162	3000K	1175 mm	1.70	HB021.2211.830.A120	HB021.2211.830.D120
37	-	-	EM3h	6010	162	3000K	1175 mm	1.70	HB021.2211.830.A200	HB021.2211.830.D200
37	yes	TH5	EM3h	6010	162	3000K	1175 mm	1.70	HB021.2211.830.A220	HB021.2211.830.D220
37	-	-	-	6300	170	4000K	1175 mm	1.70	HB021.2211.840.A000	HB021.2211.840.D000
37	yes	TH5	-	6300	170	4000K	1175 mm	1.70	HB021.2211.840.A020	HB021.2211.840.D020

## AVAILABLE VARIANTS


Luminaire power [W]	Through-wiring	Through wiring	Emergency module	Luminaire luminous flux [lm]	Luminaire's luminaire efficacy [lm/W]	Colour temperature	Info	Weight [kg]	ON/OFF	DALI
37	-	-	EM1h	6300	170	4000K	1175 mm	1.70	HB021.2211.840.A100	HB021.2211.840.D100
37	yes	TH5	EM1h	6300	170	4000K	1175 mm	1.70	HB021.2211.840.A120	HB021.2211.840.D120
37	-	-	EM3h	6300	170	4000K	1175 mm	1.70	HB021.2211.840.A200	HB021.2211.840.D200
37	yes	TH5	EM3h	6300	170	4000K	1175 mm	1.70	HB021.2211.840.A220	HB021.2211.840.D220
46	-	-	-	7910	172	3000K	1175 mm	1.70	HB007.2211.830.A000	HB007.2211.830.D000
46	yes	TH5	-	7910	172	3000K	1175 mm	1.70	HB007.2211.830.A020	HB007.2211.830.D020
46	-	-	EM1h	7910	172	3000K	1175 mm	1.70	HB007.2211.830.A100	HB007.2211.830.D100
46	yes	TH5	EM1h	7910	172	3000K	1175 mm	1.70	HB007.2211.830.A120	HB007.2211.830.D120
46	-	-	EM3h	7910	172	3000K	1175 mm	1.70	HB007.2211.830.A200	HB007.2211.830.D200
46	yes	TH5	EM3h	7910	172	3000K	1175 mm	1.70	HB007.2211.830.A220	HB007.2211.830.D220
46	-	-	-	8295	180	4000K	1175 mm	1.70	HB007.2211.840.A000	HB007.2211.840.D000
46	yes	TH5	-	8295	180	4000K	1175 mm	1.70	HB007.2211.840.A020	HB007.2211.840.D020
46	-	-	EM1h	8295	180	4000K	1175 mm	1.70	HB007.2211.840.A100	HB007.2211.840.D100
46	yes	TH5	EM1h	8295	180	4000K	1175 mm	1.70	HB007.2211.840.A120	HB007.2211.840.D120
46	-	-	EM3h	8295	180	4000K	1175 mm	1.70	HB007.2211.840.A200	HB007.2211.840.D200
46	yes	TH5	EM3h	8295	180	4000K	1175 mm	1.70	HB007.2211.840.A220	HB007.2211.840.D220
65	-	-	-	10845	167	3000K	1175 mm	1.70	HB008.2211.830.A000	HB008.2211.830.D000
65	yes	TH5	-	10845	167	3000K	1175 mm	1.70	HB008.2211.830.A020	HB008.2211.830.D020
65	-	-	EM1h	10845	167	3000K	1175 mm	1.70	HB008.2211.830.A100	HB008.2211.830.D100
65	yes	TH5	EM1h	10845	167	3000K	1175 mm	1.70	HB008.2211.830.A120	HB008.2211.830.D120
65	-	-	EM3h	10845	167	3000K	1175 mm	1.70	HB008.2211.830.A200	HB008.2211.830.D200
65	yes	TH5	EM3h	10845	167	3000K	1175 mm	1.70	HB008.2211.830.A220	HB008.2211.830.D220
65	-	-	-	11375	175	4000K	1175 mm	1.70	HB008.2211.840.A000	HB008.2211.840.D000
65	yes	TH5	-	11375	175	4000K	1175 mm	1.70	HB008.2211.840.A020	HB008.2211.840.D020
65	-	-	EM1h	11375	175	4000K	1175 mm	1.70	HB008.2211.840.A100	HB008.2211.840.D100
65	yes	TH5	EM1h	11375	175	4000K	1175 mm	1.70	HB008.2211.840.A120	HB008.2211.840.D120
65	-	-	EM3h	11375	175	4000K	1175 mm	1.70	HB008.2211.840.A200	HB008.2211.840.D200
65	yes	TH5	EM3h	11375	175	4000K	1175 mm	1.70	HB008.2211.840.A220	HB008.2211.840.D220
40	-	-	-	6740	169	3000K	1455 mm	2.00	HB009.2211.830.A000	HB009.2211.830.D000
40	yes	TH5	-	6740	169	3000K	1455 mm	2.00	HB009.2211.830.A020	HB009.2211.830.D020
40	-	-	EM1h	6740	169	3000K	1455 mm	2.00	HB009.2211.830.A100	HB009.2211.830.D100
40	yes	TH5	EM1h	6740	169	3000K	1455 mm	2.00	HB009.2211.830.A120	HB009.2211.830.D120
40	-	-	EM3h	6740	169	3000K	1455 mm	2.00	HB009.2211.830.A200	HB009.2211.830.D200
40	yes	TH5	EM3h	6740	169	3000K	1455 mm	2.00	HB009.2211.830.A220	HB009.2211.830.D220
40	-	-	-	7070	177	4000K	1455 mm	2.00	HB009.2211.840.A000	HB009.2211.840.D000
40	yes	TH5	-	7070	177	4000K	1455 mm	2.00	HB009.2211.840.A020	HB009.2211.840.D020
40	-	-	EM1h	7070	177	4000K	1455 mm	2.00	HB009.2211.840.A100	HB009.2211.840.D100
40	yes	TH5	EM1h	7070	177	4000K	1455 mm	2.00	HB009.2211.840.A120	HB009.2211.840.D120
40	-	-	EM3h	7070	177	4000K	1455 mm	2.00	HB009.2211.840.A200	HB009.2211.840.D200
40	yes	TH5	EM3h	7070	177	4000K	1455 mm	2.00	HB009.2211.840.A220	HB009.2211.840.D220
57	-	-	-	9890	174	3000K	1455 mm	2.00	HB010.2211.830.A000	HB010.2211.830.D000
57	yes	TH5	-	9890	174	3000K	1455 mm	2.00	HB010.2211.830.A020	HB010.2211.830.D020
57	-	-	EM1h	9890	174	3000K	1455 mm	2.00	HB010.2211.830.A100	HB010.2211.830.D100
57	yes	TH5	EM1h	9890	174	3000K	1455 mm	2.00	HB010.2211.830.A120	HB010.2211.830.D120
57	-	-	EM3h	9890	174	3000K	1455 mm	2.00	HB010.2211.830.A200	HB010.2211.830.D200
57	yes	TH5	EM3h	9890	174	3000K	1455 mm	2.00	HB010.2211.830.A220	HB010.2211.830.D220
57	-	-	-	10370	182	4000K	1455 mm	2.00	HB010.2211.840.A000	HB010.2211.840.D000
57	yes	TH5	-	10370	182	4000K	1455 mm	2.00	HB010.2211.840.A020	HB010.2211.840.D020
57	-	-	EM1h	10370	182	4000K	1455 mm	2.00	HB010.2211.840.A100	HB010.2211.840.D100
57	yes	TH5	EM1h	10370	182	4000K	1455 mm	2.00	HB010.2211.840.A120	HB010.2211.840.D120

## AVAILABLE VARIANTS



Luminaire power [W]	Through-wiring	Through wiring	Emergency module	Luminaire luminous flux [lm]	Luminaire's luminaire efficacy [lm/W]	Colour temperature	Info	Weight [kg]	ON/OFF	DALI
57	-	-	EM3h	10370	182	4000K	1455 mm	2.00	HB010.2211.840.A200	HB010.2211.840.D200
57	yes	TH5	EM3h	10370	182	4000K	1455 mm	2.00	HB010.2211.840.A220	HB010.2211.840.D220
82	-	-	-	13555	165	3000K	1455 mm	2.00	HB011.2211.830.A000	HB011.2211.830.D000
82	yes	TH5	-	13555	165	3000K	1455 mm	2.00	HB011.2211.830.A020	HB011.2211.830.D020
82	-	-	EM1h	13555	165	3000K	1455 mm	2.00	HB011.2211.830.A100	HB011.2211.830.D100
82	yes	TH5	EM1h	13555	165	3000K	1455 mm	2.00	HB011.2211.830.A120	HB011.2211.830.D120
82	-	-	EM3h	13555	165	3000K	1455 mm	2.00	HB011.2211.830.A200	HB011.2211.830.D200
82	yes	TH5	EM3h	13555	165	3000K	1455 mm	2.00	HB011.2211.830.A220	HB011.2211.830.D220
82	-	-	-	14220	173	4000K	1455 mm	2.00	HB011.2211.840.A000	HB011.2211.840.D000
82	yes	TH5	-	14220	173	4000K	1455 mm	2.00	HB011.2211.840.A020	HB011.2211.840.D020
82	-	-	EM1h	14220	173	4000K	1455 mm	2.00	HB011.2211.840.A100	HB011.2211.840.D100
82	yes	TH5	EM1h	14220	173	4000K	1455 mm	2.00	HB011.2211.840.A120	HB011.2211.840.D120
82	-	-	EM3h	14220	173	4000K	1455 mm	2.00	HB011.2211.840.A200	HB011.2211.840.D200
82	yes	TH5	EM3h	14220	173	4000K	1455 mm	2.00	HB011.2211.840.A220	HB011.2211.840.D220

## ACCESSORIES

### Diffuser / Protection grid

	Fibra LED/ Fibra III, Prima, Poker Protective grid	FL002.11.0700	700 x 230 x 130mm	White
		FL002.11.1300	1600 x 230 x 130mm	White
		FL002.11.1600	1600 x 230 x 130mm	White

### Installation element

	Fibra IV LED Stainless steel clips Pieces in set: 1	FL003.00.00V2	615mm - must be ordered 6 pcs 1175mm - must be ordered 12 pcs 1455mm - must be ordered 14 pcs	Stainless steel
	FIBRA LED Wall mounting bracket Pieces in set: 2	FB016.22.0000		Grey

FIBRA IV LED 615 mm



FIBRA IV LED 1455 mm



FIBRA IV LED



