

Formi

LED



Formi is specially optimized for supermarkets. Light and energy efficiency are an absolute value for Formi luminaires. Formi is also quick and easy to install due to the new innovative installation solution and lightweight structure. Formi is stylish simple yet versatile luminaire that can be customized according to the specific features.



"Light and energy efficiency are an absolute value for Formi luminaires."



Trail brackets



Row mounting bracket

Structure

- › White painted steel body
- › End caps are polycarbonate
- › Lens optics. Lenses acrylic.
- › Optics:
 - Wide beam optic (WB/90°)
 - Medium beam optic (MB/60°)
- › DALI- and ON/OFF -versions
- › Lumen output and length: See the table below.
- › 4000K, Ra>80
- › Ambient temperature range -20 °C to 30 °C
- › LED-luminaires lifespan T_a = 25 °C
100 000h (L80B50)
- › Lifetime of control gear 100 000h (10% fr)

Installation

- › Ceiling mounting with FOJK1 spring brackets included
- › Suspension rail with FOJK2 spring brackets
- › Between the suspension rails using end supports with a stepless adjustment system

Made to order

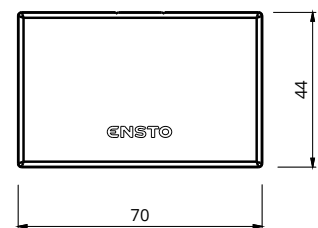
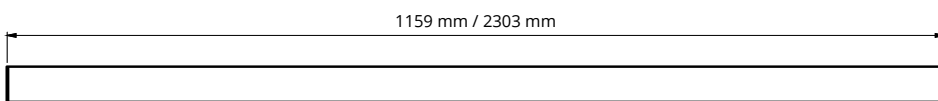
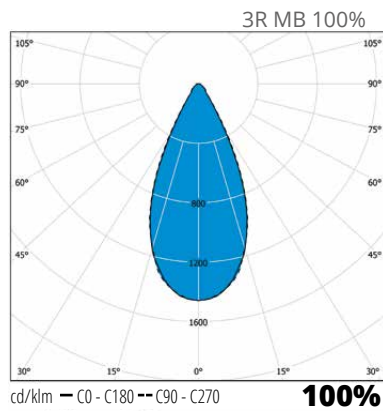
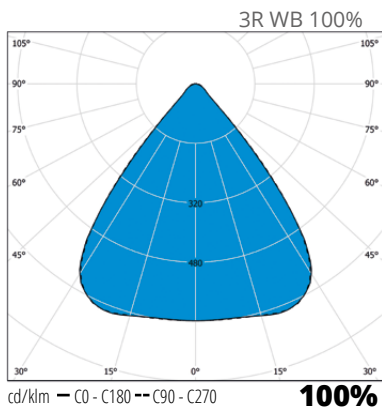
- › With connection lead
- › Project-specific luminous flux packages

E number	Type	Product name	Output	Kg	Length	Light distribution	Control	Luminous flux	lm/W
Formi - wide beam optic, medium									
43 606 80	FO3RM5000WB	FO3RMWB 5400LM 34W/840 PMMA WH	34W	2,3	1159	WB		5400 lm	159 lm/W
43 606 82	FO3RM5000WBED	FO3RMWB 5400LM 34W/840 PMMA WH DALI	34W	2,3	1159	WB	DALI	5400 lm	159 lm/W
43 606 83	FO3RM6000WB	FO3RMWB 6200LM 41W/840 PMMA WH	41W	2,3	1159	WB		6200 lm	151 lm/W
43 606 85	FO3RM6000WBED	FO3RMWB 6200LM 41W/840 PMMA WH DALI	41W	2,3	1159	WB	DALI	6200 lm	151 lm/W
43 606 86	FO3RM8000WB	FO3RMWB 8000LM 55W/840 PMMA WH	55W	2,3	1159	WB		8000 lm	145 lm/W
43 606 88	FO3RM8000WBED	FO3RMWB 8000LM 55W/840 PMMA WH DALI	55W	2,3	1159	WB	DALI	8000 lm	145 lm/W
43 606 89	FO3RM9000WB	FO3RMWB 9900LM 70W/840 PMMA WH	70W	2,3	1159	WB		9900 lm	141 lm/W
43 606 91	FO3RM9000WBED	FO3RMWB 9900LM 70W/840 PMMA WH DALI	70W	2,3	1159	WB	DALI	9900 lm	141 lm/W
Formi - wide beam optic, high									
43 606 94	FO3RH6000WB	FO3RHWB 6600LM 40W/840 PMMA WH	40W	2,3	1159	WB		6600 lm	165 lm/W
43 606 95	FO3RH6000WBED	FO3RHWB 6600LM 40W/840 PMMA WH DALI	40W	2,3	1159	WB	DALI	6600 lm	165 lm/W
43 606 97	FO3RH8000WB	FO3RHWB 8600LM 54W/840 PMMA WH	54W	2,3	1159	WB		8600 lm	159 lm/W
43 606 98	FO3RH8000WBED	FO3RHWB 8600LM 54W/840 PMMA WH DALI	54W	2,3	1159	WB	DALI	8600 lm	159 lm/W
43 609 19	FO3RH10000WB	FO3RHWB 10500LM 69W/840 PMMA WH	69W	2,3	1159	WB		10500 lm	152 lm/W
43 609 21	FO3RH10000WBED	FO3RHWB 10500LM 69W/840 PMMA WH DALI	69W	2,3	1159	WB	DALI	10500 lm	152 lm/W
43 609 51	FO3RH11000WB	FO3RHWB 11100LM 72W/840 PMMA WH	72W	2,3	1159	WB		11100 lm	154 lm/W
43 609 53	FO3RH11000WBED	FO3RHWB 11100LM 72W/840 PMMA WH DALI	72W	2,3	1159	WB	DALI	11100 lm	154 lm/W

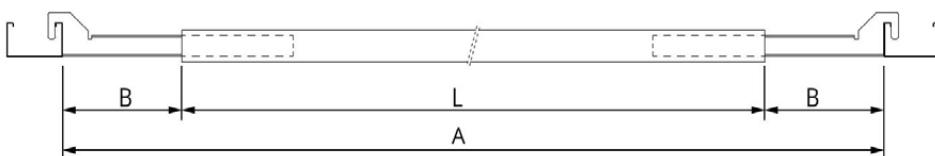


E number	Type	Product name	Output	Kg	Length	Light distribution	Control	Luminous flux	lm/W
Formi - medium beam optic, medium									
43 609 69	FO3RM5000MB	FO3RMMB 5300LM 34W/840 PMMA WH	34W	2,3	1159	MB		5300 lm	156 lm/W
43 609 82	FO3RM5000MBED	FO3RMMB 5300LM 34W/840 PMMA WH DALI	34W	2,3	1159	MB	DALI	5300 lm	156 lm/W
43 609 83	FO3RM6000MB	FO3RMMB 6200LM 41W/840 PMMA WH	41W	2,3	1159	MB		6200 lm	151 lm/W
43 609 84	FO3RM6000MBED	FO3RMMB 6200LM 41W/840 PMMA WH DALI	41W	2,3	1159	MB	DALI	6200 lm	151 lm/W
43 609 93	FO3RM8000MB	FO3RMMB 8000LM 55W/840 PMMA WH	55W	2,3	1159	MB		8000 lm	145 lm/W
43 609 94	FO3RM8000MBED	FO3RMMB 8000LM 55W/840 PMMA WH DALI	55W	2,3	1159	MB	DALI	8000 lm	145 lm/W
43 610 07	FO3RM9000MB	FO3RMMB 9800LM 70W/840 PMMA WH	70W	2,3	1159	MB		9800 lm	140 lm/W
43 610 08	FO3RM9000MBED	FO3RMMB 9800LM 70W/840 PMMA WH DALI	70W	2,3	1159	MB	DALI	9800 lm	140 lm/W
Formi - medium beam optic, high									
43 610 09	FO3RH6000MB	FO3RHMB 6500LM 40W/840 PMMA WH	40W	2,3	1159	MB		6500 lm	163 lm/W
43 610 38	FO3RH6000MBED	FO3RHMB 6500LM 40W/840 PMMA WH DALI	40W	2,3	1159	MB	DALI	6500 lm	163 lm/W
43 610 39	FO3RH8000MB	FO3RHMB 8500LM 54W/840 PMMA WH	54W	2,3	1159	MB		8500 lm	157 lm/W
43 610 48	FO3RH8000MBED	FO3RHMB 8500LM 54W/840 PMMA WH DALI	54W	2,3	1159	MB	DALI	8500 lm	157 lm/W
43 610 49	FO3RH10000MB	FO3RHMB 10500LM 69W/840 PMMA WH	69W	2,3	1159	MB		10500 lm	152 lm/W
43 610 62	FO3RH10000MBED	FO3RHMB 10500LM 69W/840 PMMA WH DALI	69W	2,3	1159	MB	DALI	10500 lm	152 lm/W
43 610 63	FO3RH11000MB	FO3RHMB 11200LM 72W/840 PMMA WH	72W	2,3	1159	MB		11200 lm	156 lm/W
43 610 64	FO3RH11000MBED	FO3RHMB 11200LM 72W/840 PMMA WH DALI	72W	2,3	1159	MB	DALI	11200 lm	156 lm/W
Formi ramp - wide beam optic, medium									
43 610 65	FOR3RM10000WB	FOR3RMWB 10800LM 66W/840 PMMA WH	66W	4,2	2303	WB		10800 lm	164 lm/W
43 610 66	FOR3RM10000WBED	FOR3RMWB 10800LM 66W/840 PMMA WH DALI	66W	4,2	2303	WB	DALI	10800 lm	164 lm/W
43 610 67	FOR3RM12000WB	FOR3RMWB 12400LM 78W/840 PMMA WH	78W	4,2	2303	WB		12400 lm	159 lm/W
43 610 82	FOR3RM12000WBED	FOR3RMWB 12400LM 78W/840 PMMA WH DALI	78W	4,2	2303	WB	DALI	12400 lm	159 lm/W
43 610 83	FOR3RM16000WB	FOR3RMWB 16200LM 107W/840 PMMA WH	107W	4,2	2303	WB		16200 lm	151 lm/W
43 610 84	FOR3RM16000WBED	FOR3RMWB 16200LM 107W/840 PMMA WH DALI	107W	4,2	2303	WB	DALI	16200 lm	151 lm/W
43 610 91	FOR3RM19000WB	FOR3RMWB 19800LM 136W/840 PMMA WH	136W	4,2	2303	WB		19800 lm	146 lm/W
43 610 92	FOR3RM19000WBED	FOR3RMWB 19800LM 136W/840 PMMA WH DALI	136W	4,2	2303	WB	DALI	19800 lm	146 lm/W
Formi ramp - wide beam optic, high									
43 610 93	FOR3RH13000WB	FOR3RHWB 13200LM 77W/840 PMMA WH	77W	4,2	2303	WB		13200 lm	171 lm/W
43 610 94	FOR3RH13000WBED	FOR3RHWB 13200LM 77W/840 PMMA WH DALI	77W	4,2	2303	WB	DALI	13200 lm	171 lm/W
43 610 95	FOR3RH17000WB	FOR3RHWB 17200LM 106W/840 PMMA WH	106W	4,2	2303	WB		17200 lm	162 lm/W
43 610 96	FOR3RH17000WBED	FOR3RHWB 17200LM 106W/840 PMMA WH DALI	106W	4,2	2303	WB	DALI	17200 lm	162 lm/W
43 610 97	FOR3RH21000WB	FOR3RHWB 21000LM 134W/840 PMMA WH	134W	4,2	2303	WB		21000 lm	157 lm/W
43 611 12	FOR3RH21000WBED	FOR3RHWB 21000LM 134W/840 PMMA WH DALI	134W	4,2	2303	WB	DALI	21000 lm	157 lm/W
43 611 13	FOR3RH22000WB	FOR3RHWB 22200LM 147W/840 PMMA WH	147W	4,2	2303	WB		22200 lm	156 lm/W
43 611 14	FOR3RH22000WBED	FOR3RHWB 22200LM 147W/840 PMMA WH DALI	147W	4,2	2303	WB	DALI	22200 lm	156 lm/W
Formi ramp - medium beam optic, medium									
43 611 15	FOR3RM10000MB	FOR3RMMB 10600LM 66W/840 PMMA WH	66W	4,2	2303	MB		10600 lm	161 lm/W
43 611 16	FOR3RM10000MBED	FOR3RMMB 10600LM 66W/840 PMMA WH DALI	66W	4,2	2303	MB	DALI	10600 lm	161 lm/W
43 611 17	FOR3RM12000MB	FOR3RMMB 12400LM 78W/840 PMMA WH	78W	4,2	2303	MB		12400 lm	159 lm/W
43 611 18	FOR3RM12000MBED	FOR3RMMB 12400LM 78W/840 PMMA WH DALI	78W	4,2	2303	MB	DALI	12400 lm	159 lm/W
43 611 19	FOR3RM16000MB	FOR3RMMB 16000LM 107W/840 PMMA WH	107W	4,2	2303	MB		16000 lm	150 lm/W
43 611 28	FOR3RM16000MBED	FOR3RMMB 16000LM 107W/840 PMMA WH DALI	107W	4,2	2303	MB	DALI	16000 lm	150 lm/W
43 611 29	FOR3RM19000MB	FOR3RMMB 19600LM 136W/840 PMMA WH	136W	4,2	2303	MB		19600 lm	144 lm/W
43 611 30	FOR3RM19000MBED	FOR3RMMB 19600LM 136W/840 PMMA WH DALI	136W	4,2	2303	MB	DALI	19600 lm	144 lm/W
Formi ramp - medium beam optic, high									
43 611 31	FOR3RH13000MB	FOR3RHMB 13000LM 77W/840 PMMA WH	77W	4,2	2303	MB		13000 lm	169 lm/W
43 611 32	FOR3RH13000MBED	FOR3RHMB 13000LM 77W/840 PMMA WH DALI	77W	4,2	2303	MB	DALI	13000 lm	169 lm/W
43 611 33	FOR3RH17000MB	FOR3RHMB 17000LM 106W/840 PMMA WH	106W	4,2	2303	MB		17000 lm	160 lm/W
43 611 34	FOR3RH17000MBED	FOR3RHMB 17000LM 106W/840 PMMA WH DALI	106W	4,2	2303	MB	DALI	17000 lm	160 lm/W
43 611 35	FOR3RH21000MB	FOR3RHMB 21000LM 134W/840 PMMA WH	134W	4,2	2303	MB		21000 lm	157 lm/W
43 611 36	FOR3RH21000MBED	FOR3RHMB 21000LM 134W/840 PMMA WH DALI	134W	4,2	2303	MB	DALI	21000 lm	157 lm/W
43 611 37	FOR3RH22000MB	FOR3RHMB 22400LM 147W/840 PMMA WH	147W	4,2	2303	MB		22400 lm	158 lm/W
43 611 38	FOR3RH22000MBED	FOR3RHMB 22400LM 147W/840 PMMA WH DALI	147W	4,2	2303	MB	DALI	22400 lm	158 lm/W

E number	Type	Product name							
Surface and rail brackets									
43 611 39	FOJK1	FOJK1 SPRING BRACKET PAIR							
43 611 40	FOJK2	FOJK2 RAIL BRACKET PAIR MEK70							
43 611 41	FOJK3	FOJK3 RAIL BRACKET PAIR MEK110							
43 611 42	FOJK4	FOJK4 RAIL BRACKET PAIR MP-311							
43 611 43	FOJK5	FOJK5 RAIL BRACKET PAIR MP-321							
43 611 44	FOJK6	FOJK6 RAIL BRACKET PAIR XYRV106M							
43 611 45	FOJK6.1	FOJK 6.1 RAIL BRACKET PAIR XYRV106K							
43 611 46	FOJK7	FOJK7 RAIL BRACKET PAIR XYRV108M							
43 611 47	FOJK7.1	FOJK 7.1 RAIL BRACKET PAIR XYRV108K							
43 611 48	FOJK8	FOJK8 RAIL BRACKET PAIR XYRV112M							
43 611 49	FOJK8.1	FOJK 8.1 RAIL BRACKET PAIR XYRV112K							
Row mounting accessories									
43 611 63	FORK650.1	FORK650.1 ROW MOUNT.PAIR 0.65M 1							
43 611 64	FORK900.1	FORK900.1 ROW MOUNT.PAIR 0.9M 1							
43 611 65	FORK1150.1	FORK1150.1 ROW MOUNT.PAIR 1.15M 1							
43 611 66	FORK1400.1	FORK1400.1 ROW MOUNT.PAIR 1.4M 1							



Luminaire	Bracket	A	B
FOR3xxx L = 2303 mm	FORK650.1	2,3 - 3,0 m	0,00 - 0,35 m
	FORK900.1	2,5 - 3,5 m	0,10 - 0,60 m
	FORK1150.1	3,0 - 4,0 m	0,35 - 0,85 m
	FORK1400.1	3,5 - 4,5 m	0,60 - 1,10 m

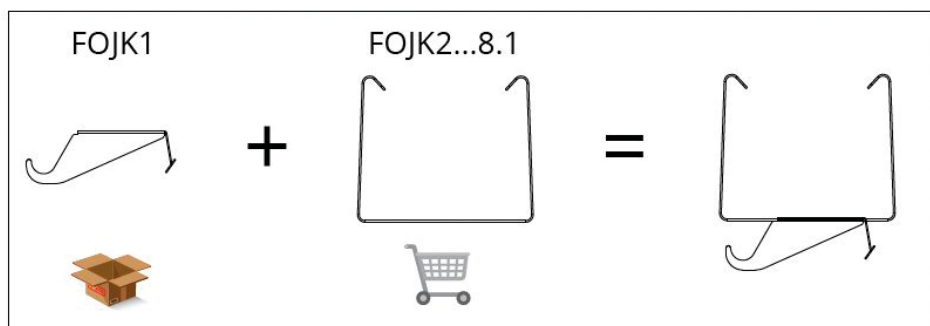


ON/OFF

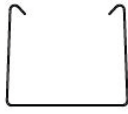
Output	C10	C16	B10	B16
34W	39	64	23	38
40W/41W	23	40	14	24
54W/55W	30	50	18	30
69W/70W	30	50	18	30
72W	13	22	8	13
66W	18	30	11	18
77W/78W	13	22	8	13
106W/107W	13	22	8	13
134W/136W	9	15	5	9
147W	9	15	5	9


DALI


Output	C10	C16	B10	B16
34W	16	28	10	17
40W/41W	16	28	10	17
54W/55W	10	16	6	10
69W/70W	21	35	13	21
72W	21	35	13	21
66W	19	31	11	18
77W/78W	19	31	11	18
106W/107W	13	21	7	12
134W/136W	15	24	10	16
147W	15	24	10	16

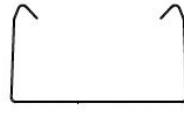


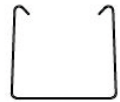
- FOJK2**
MEK70 (70x51 mm)



- FOJK3**
MEK110 (110x51 mm)



- FOJK4**
MP-311 (75x45 mm)



- FOJK5**
MP-321 (100x45 mm)



- FOJK6**
XYRV106M (66x44 mm)



- FOJK6.1**
XYRV106K (66x60 mm)


- FOJK7**
XYRV108M (80x44 mm)


- FOJK7.1**
XYRV108K (80x60 mm)


- FOJK8**
XYRV112M (120x44 mm)


- FOJK8.1**
XYRV112K (120x60 mm)





FOJK1 for surface installations



FOJK2 for trail bracket installations



Formi is also quick and easy to install due to the new innovative installation solution and lightweight structure.

