

Marlo

LED



Marlo was specifically designed as a lighting solution for retail premises. It is ideal for supermarkets and other store and warehouse premises that require optimal lighting system properties with regard to general lighting, highlighting, and glare. Marlo offers the perfect solution for various types of lighting projects.



"Versatile, high-quality optics."



EnstoNET connectors



Marlo 3R

Structure

- › Body, white powder coated aluminium
- › End caps - shockproof, heat and UV resistant white polycarbonate
- › Lens optics PC or acrylic (3R)
- › Optics:
 - Wide beam angle (WB/90°)
 - Medium beam angle (MB/60°)
 - Rack beam optics (O)
 - Shelf optics (DAS)
- › DALI and basic models
- › Lumen output and length: See the table below
- › 4000 K, power factor 0,98, Ra>80
- › Ambient temperature range -20 °C to 30 °C
- › LED module lifespan $T_a=25\text{ °C}$:
 - >100 000 h (L70)
 - 100 000 h (L80)
 - 71 000 h (L90) (1R)
 - 54 000 h (L90) (3R)
- › LED driver lifetime $T_a=25\text{ °C}$:
 - 100 000 h (max. 10 % failure rate)

Mounting

- › Ceiling mounting with AMJK1 spring brackets included
- › Suspension rail (MEK) with AMJK2 spring brackets
- › Made to order: Through wiring sets for different lengths

Made to order

- › With connection lead
- › More optics options
- › EnstoNET connectors (note: IP20)
- › 3000 K models
- › Project-specific luminous flux packages
- › Sensor solutions
- › Through wiring set
- › Customized spring brackets for lighting suspension rails

E number	Type	Product name	Output	Kg	Length	Light distribution	Control	Luminous flux
Marlo - Wide beam angle (WB)								
43 605 30	MA12WB	MA12WB LED IP23 39W/840	39W	3,1	1190	WB		6120 lm
43 605 32	MA12WBED	MA12WBED LED IP23 39W/840 DA	39W	3,1	1190	WB	DALI	6120 lm
43 605 42	MA15WB	MA15WB LED IP23 52W/840	52W	3,7	1470	WB		7370 lm
43 605 45	MA15WBED	MA15WBED LED IP23 52W/840 DA	52W	3,7	1470	WB	DALI	7370 lm
43 606 26	MA123RWB	MA123RWB LED IP23 39W/840	39W	3,4	1190	3R WB		5840 lm
43 606 28	MA123RWBED	MA123RWBED LED IP23 39W/840 DA	39W	3,4	1190	3R WB	DALI	5840 lm
43 601 98	MA123RWBHO	MA123RWBHO LED IP23 48W/840	48W	3,4	1190	3R WB		6950 lm
43 613 41	MA123RWBHOED	MA123RWBHOED LED IP23 48W/840 DA	48W	3,4	1190	3R WB	DALI	6950 lm
43 606 38	MA153RWB	MA153RWB LED IP23 49W/840	49W	4,1	1470	3R WB		7300 lm
43 606 40	MA153RWBED	MA153RWBED LED IP23 49W/840 DA	49W	4,1	1470	3R WB	DALI	7300 lm
43 603 12	MA153RWBHO	MA153RWBHO LED IP23 60W/840	60W	4,1	1470	3R WB		8650 lm
43 613 42	MA153RWBHOED	MA153RWBHOED LED IP23 60W/840 DA	60W	4,1	1470	3R WB	DALI	8650 lm
Marlo - Medium beam angle (MB)								
43 605 21	MA12MB	MA12MB LED IP23 42W/840	42W	3,1	1190	MB		5940 lm
43 605 23	MA12MBED	MA12MBED LED IP23 42W/840 DA	42W	3,1	1190	MB	DALI	5940 lm
43 605 36	MA15MB	MA15MB LED IP23 52W/840	52W	3,7	1470	MB		7430 lm
43 605 38	MA15MBED	MA15MBED LED IP23 52W/840 DA	52W	3,7	1470	MB	DALI	7430 lm
43 606 20	MA123RMB	MA123RMB LED IP23 39W/840	39W	3,4	1190	3R MB		5840 lm
43 606 22	MA123RMBED	MA123RMBED LED IP23 39W/840 DA	39W	3,4	1190	3R MB	DALI	5840 lm
43 606 32	MA153RMB	MA153RMB LED IP23 49W/840	49W	4,1	1470	3R MB		7380 lm
43 606 34	MA153RMBED	MA153RMBED LED IP23 49W/840 DA	49W	4,1	1470	3R MB	DALI	7380 lm

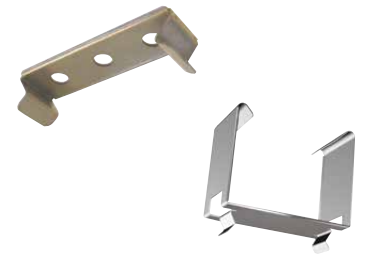
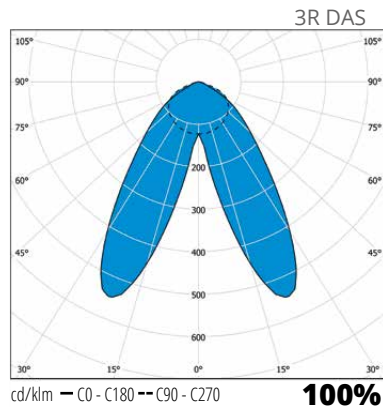
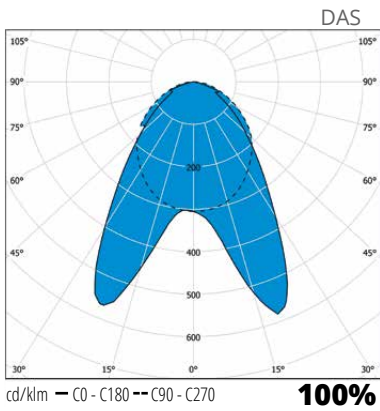
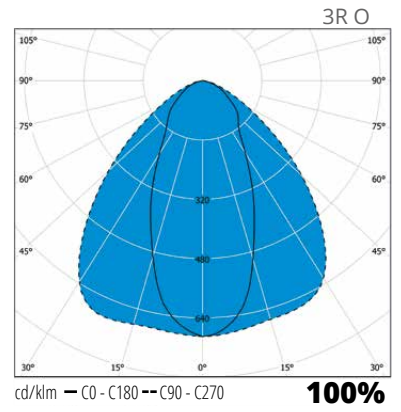
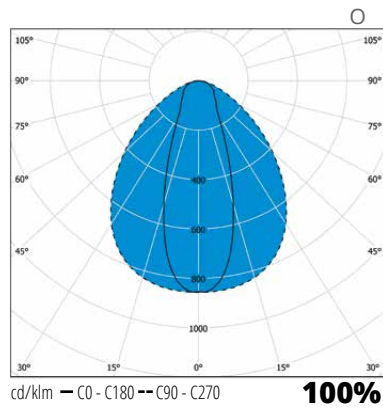
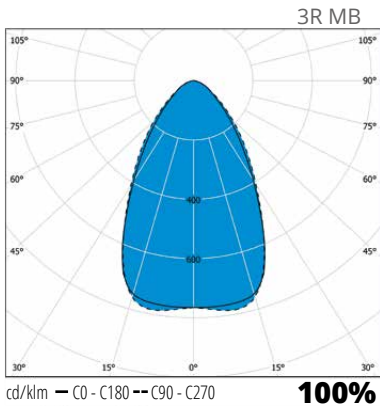
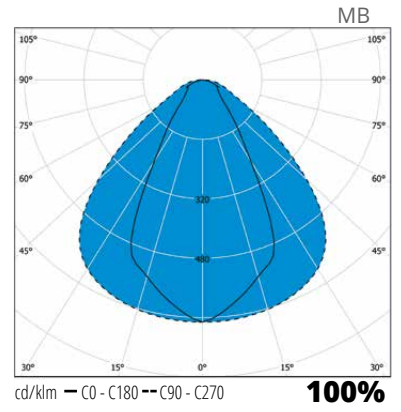
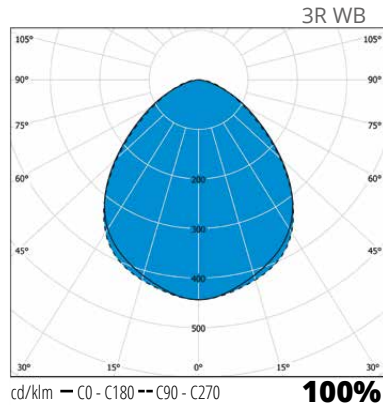
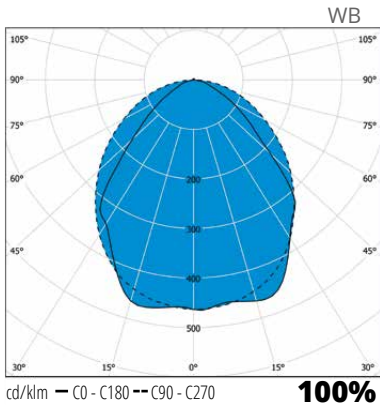


E number	Type	Product name	Output	Kg	Length	Light distribution	Control	Luminous flux
Marlo - Rack beam optics (O)								
43 605 26	MA120	MA120 LED IP23 42W/840	42W	3,1	1190	0		5780 lm
43 605 29	MA120ED	MA120ED LED IP23 42W/840 DA	42W	3,1	1190	0	DALI	5780 lm
43 605 39	MA150	MA150 LED IP23 52W/840	52W	3,7	1470	0		7230 lm
43 605 41	MA150ED	MA150ED LED IP23 52W/840 DA	52W	3,7	1470	0	DALI	7230 lm
43 606 23	MA123RO	MA123RO LED IP23 39W/840	39W	3,4	1190	3R O		5800 lm
43 606 25	MA123ROED	MA123ROED LED IP23 39W/840 DA	39W	3,4	1190	3R O	DALI	5800 lm
43 606 35	MA153RO	MA153RO LED IP23 49W/840	49W	4,1	1470	3R O		7490 lm
43 606 37	MA153ROED	MA153ROED LED IP23 49W/840 DA	49W	4,1	1470	3R O	DALI	7490 lm
Marlo - Shelf optics (DAS)								
43 605 75	MA12DAS	MA12DAS LED IP23 42W/840	42W	3,1	1190	DAS		5860 lm
43 605 77	MA12DASED	MA12DASED LED IP23 42W/840 DA	42W	3,1	1190	DAS	DALI	5860 lm
43 605 78	MA15DAS	MA15DAS LED IP23 52W/840	52W	3,7	1470	DAS		7330 lm
43 605 80	MA15DASED	MA15DASED LED IP23 52W/840 DA	52W	3,7	1470	DAS	DALI	7330 lm
43 606 17	MA123RDAS	MA123RDAS LED IP23 39W/840	39W	3,4	1190	3R DAS		5880 lm
43 606 19	MA123RDASED	MA123RDASED LED IP23 39W/840 DA	39W	3,4	1190	3R DAS	DALI	5880 lm
43 606 29	MA153RDAS	MA153RDAS LED IP23 49W/840	49W	4,1	1470	3R DAS		7600 lm
43 606 31	MA153RDASED	MA153RDASED LED IP23 49W/840 DA	49W	4,1	1470	3R DAS	DALI	7600 lm
Mounting accessories								
43 641 70	AMJK1	AMJK1 SPRING BRACKET PAIR	Spring bracket pair					
43 641 72	AMJK2	AMJK2 SPRING BRACKET PAIR	Spring bracket pair for suspension rail mounting, rail width 70 mm					
42 653 82	AMJK2V	AMJK2V SPRING BRACKET PAIR, WHITE	Spring bracket pair for suspension rail mounting, rail width 70 mm					
42 653 05	AMJK3	AMJK3 SPRING BRACKET PAIR	Spring bracket pair for suspension rail mounting, rail width 110 mm					
43 600 83	AMJK3V	AMJK3V SPRING BRACKET PAIR, WHITE	Spring bracket pair for suspension rail mounting, rail width 110 mm					
43 614 41	AMJKSH	AMJK SUSPENSION HOOK KIT	Suspension hook kit					

Luminaires per miniature circuit breaker B10 B16 C10 C16

	B10	B16	C10	C16
MA12...	13	21	22	36
MA12...ED	11	18	19	31
MA15...	13	21	22	36
MA15...ED	11	18	19	31
MA123...	13	21	22	36
MA123...ED	11	18	19	31
MA153...	13	21	22	36
MA153...ED	11	18	19	31





Spring brackets AMJK1 and AMJK2

