MARENCO R

T5/LED Recessed Luminaire with Prismatic Diffuser

IP20 IP40 LED 230V 50Hz F CE EAC

MARENCO 414 R50

Type:	Traditional recessed T5/LED luminaire with prismatic diffuser for the majority of applications.
Specification:	Prismatic diffuser (framed version IP40). Fully enclosed white steel body. Luminaire is plastic-wrapped and packed in twin boxes.
Installation:	Fits 15-24mm exposed T-Bar and/or plasterboard ceiling (only framed version). When the luminaire is fitted into a plasterboard ceiling, it is recommended to use support brackets.
Application:	Indoor. Office buildings, shops and other commercial environments.

Luminaires with IP20 degree of protection:

Name	Overall dimensions (LxWxH), mm	Lifetime	Luminaire output*, lm Ta=25ºC	System power*, W	CRI (Ra)	CCT, K	Weight, kg
Marenco R LED2x1200 D278 T840	595x295x57	50000	2397	21	80+	4000	1,20
Marenco R LED2x1700 D279 T840	595x295x57	50000	3365	29	80+	4000	1,20
Marenco R LED3x1200 E023 T840	595x595x57	50000	3596	29	80+	4000	2,00
Marenco R LED3x1700 D280 T840	595x595x57	50000	5047	43	80+	4000	2,00
Marenco R LED4x1200 E024 T840	595x595x57	50000	4794	39	80+	4000	2,00
Marenco R LED4x1700 D281 T840	595x595x57	50000	6730	57	80+	4000	2,00
Marenco R LED1x2600 D282 T840	1195x143x57	50000	2530	22	80+	4000	2,00
Marenco R LED1x3600 D283 T840	1195x143x57	50000	3552	30	80+	4000	2,00
Marenco R LED2x2600 D284 T840	1195x295x57	50000	5060	41	80+	4000	2,20
Marenco R LED2x3600 D285 T840	1195x295x57	50000	7103	61	80+	4000	2,20
Marenco R LED3x2600 D286 T840	1195x595x57	50000	7590	62	80+	4000	4,50
Marenco R LED3x3600 D287 T840	1195x595x57	50000	10655	91	80+	4000	4,50
Marenco R LED4x2600 D288 T840	1195x595x57	50000	10119	83	80+	4000	4,50
Marenco R LED4x3600 D289 T840	1195x595x57	50000	14206	121	80+	4000	4,50

* Tolerance range for optical and electrical data: ±10 %

Luminaires with IP20 degree of protection:

Type	Lamp (W) and holder	Overall dimensions (LxWxH), mm	Weight, kg	Total wattage, W
Marenco 114 R44	1x14 (G5)	595x295x57	1,2	16
Marenco 124 R45	1x24 (G5)	595x295x57	1,2	25
Marenco 214 R46	2x14 (G5)	595x295x57	1,2	31
Marenco 224 R47	2x24 (G5)	595x295x57	1,2	49
Marenco 314 R48	3x14 (G5)	595x595x57	1,8	47
Marenco 324 R49	3x24 (G5)	595x595x57	1,8	74
Marenco 414 R50	4x14 (G5)	595x595x57	1,8	62
Marenco 424 R51	4x24 (G5)	595x595x57	1,8	98
Marenco 128 R52	1x28 (G5)	1195x143x57	1,4	30,5
Marenco 154 R53	1x54 (G5)	1195x143x57	1,4	58
Marenco 228 R54	2x28 (G5)	1195x295x57	2,4	60
Marenco 254 R55	2x54 (G5)	1195x295x57	2,4	115
Marenco 328 R56	3x28 (G5)	1195x595x57	4,8	90,5
Marenco 354 R57	3x54 (G5)	1195x595x57	4,8	173
Marenco 428 R58	4x28 (G5)	1195x595x57	4,8	120
Marenco 454 R59	4x54 (G5)	1195x595x57	4,8	229

Prismatic diffuser can be fitted into the body with a steel frame (IP40).

Luminaires with IP40 degree of protection (framed version):

Name	Overall dimensions (LxWxH), mm	Lifetime	Luminaire output*, lm Ta=25ºC	System power*, W	CRI (Ra)	CCT, K	Weight, kg
Marenco R LED2x1200 D290 T840	595x295x57	50000	2282	21	80+	4000	1,20
Marenco R LED2x1700 D291 T840	595x295x57	50000	3203	29	80+	4000	1,20
Marenco R LED3x1200 E025 T840	595x595x57	50000	3422	29	80+	4000	2,00
Marenco R LED3x1700 D292 T840	595x595x57	50000	4804	43	80+	4000	2,00
Marenco R LED4x1200 E026 T840	595x595x57	50000	4563	39	80+	4000	2,00
Marenco R LED4x1700 D293 T840	595x595x57	50000	6405	57	80+	4000	2,00
Marenco R LED1x2500 D294 T840	1195x143x57	50000	2408	22	80+	4000	2,00
Marenco R LED1x3400 D295 T840	1195x143x57	50000	3380	30	80+	4000	2,00
Marenco R LED2x2500 D296 T840	1195x295x57	50000	4816	41	80+	4000	2,20
Marenco R LED2x3400 D297 T840	1195x295x57	50000	6761	61	80+	4000	2,20
Marenco R LED3x2500 D298 T840	1195x595x57	50000	7224	62	80+	4000	4,50
Marenco R LED3x3400 D299 T840	1195x595x57	50000	10141	91	80+	4000	4,50
Marenco R LED4x2500 D300 T840	1195x595x57	50000	9632	83	80+	4000	4,50
Marenco R LED4x3400 D301 T840	1195x595x57	50000	13522	121	80+	4000	4,50

* Tolerance range for optical and electrical data: ±10 %

Luminaires with IP40 degree of protection (framed version):

Type	Lamp (W) and holder	Overall dimensions (LxWxH), mm	Weight, kg	Total wattage, W
Marenco 214 S22	2x14 (G5)	595x295x57	1,2	31
Marenco 224 S23	2x24 (G5)	595x295x57	1,2	49
Marenco 314 S24	3x14 (G5)	595x595x57	2	47
Marenco 324 S25	3x24 (G5)	595x595x57	2	74
Marenco 414 S26	4x14 (G5)	595x595x57	2	62
Marenco 424 S27	4x24 (G5)	595x595x57	2	98
Marenco 128 S28	1x28 (G5)	1195x143x57	1,6	30,5
Marenco 154 S29	1x54 (G5)	1195x143x57	1,6	58
Marenco 228 S30	2x28 (G5)	1195x295x57	2,6	60
Marenco 254 S31	2x54 (G5)	1195x295x57	2,6	115
Marenco 328 S32	3x28 (G5)	1195x595x57	5	90,5
Marenco 354 S33	3x54 (G5)	1195x595x57	5	173
Marenco 428 S34	4x28 (G5)	1195x595x57	5	120
Marenco 454 S35	4x54 (G5)	1195x595x57	5	229

Options available on request:

DIM-   Dimmable ballast 1-10V
SDIM-   Switch-control/dimming
DALI-   DALI ballast
EMG-   Emergency version 1 hour
EM3-   Emergency version 3 hours
5TB-   5 way terminal block with two holes (for in and out going cable)
MPRZ-   Microprismatic diffuser
WIE-   3-pole Wieland or similar connector (subject to minimum quantity)
W625-   Designed for the German market to fit 625x625 suspended ceiling
SB-   Support brackets (4 pieces)

MARENCO R LED3X1200 E025 T840

cd/klm   C0 - C180   C90 - C270   η = 100%