

# MEGAMAN® BERTO



MEGAMAN® BERTO is an ultra slim integrated lighting solution that facilitates easy installation and maintenance. It delivers a high luminous efficacy up to 109lm/W – matching the lighting levels of 3 x 18W T8 and 3 x 24W HE T5 fluorescent modular fittings.

These luminaires have a long life and provide uniform light distribution for general lighting applications. The prismatic diffuser option with Unified Glare Rating (UGR) of  $\leq 19$  offers a high level of visual comfort and avoids fatigue to the eyes, ideal for use in offices, classrooms and corridors.

MEGAMAN® has incorporated a brand new technology, Tunable White, that offers LED panels with a colour changing and dimming feature which can be operated independently. The colour temperature of the LED panel is tunable from a cool white 6000K to a warm white 2800K allowing the user to create mood and set the ambience. The LED panels dim seamlessly from 100% down to 10% brightness, offering both great flexibility and reduced electricity costs when the luminaire is dimmed.

#### Features

- Flexible energy saving solution that delivers up to 109lm/W
- Similar light output to 3x18W T8 and 3 x 24W HE T5 fluorescent modular fittings
- Ultra slim integrated lighting solution facilitates easy installation and maintenance
- Prismatic diffuser options with UGR  $\leq 19$  is available to offer visual comfort and avoid fatigue to the eyes
- Tunable white option can follow the circadian rhythm for human centric lighting
- Wide beam angle, ideal for general lighting
- High light uniformity
- External driver required

#### Applications

- Conference rooms
- Offices
- Classrooms
- Corridors

# MEGAMAN® BERTO

F31300RC / F31400RC / F31500RC / F53700RC

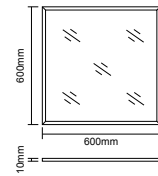
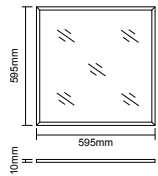


F31400RC-tw



IP20 Class III

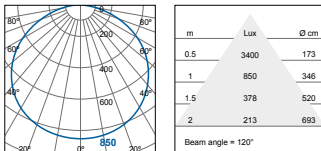
IP20 Class III



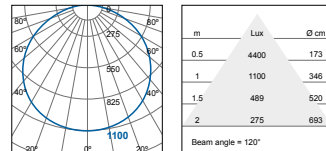
White (WH26) Silver (SV63)

Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Materials	Suggested Driver	Weight (g)
<b>NEW</b> F31300RC	700	DC 37-43V	28	2400 [3000K] 2600 [4000K] 2700 [6000K]	86 [3000K] 93 [4000K] 96 [6000K]	W595 x L595 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11015 / LA11050	3723
<b>NEW</b> F31400RC	1400	DC 23-27V	35	3000 [3000K] 3200 [4000K] 3300 [6000K]	86 [3000K] 91 [4000K] 94 [6000K]	W595 x L595 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11017 / LA11048	3723
<b>NEW</b> F31500RC	1400	DC 29-33V	43	3800 [3000K] 4100 [4000K] 4300 [6000K]	88 [3000K] 95 [4000K] 100 [6000K]	W595 x L595 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11019 / LA11049	3723
<b>NEW</b> F53700RC*	1400	DC 29-33V	43	3800 [3000K] 4100 [4000K] 4300 [6000K]	88 [3000K] 95 [4000K] 100 [6000K]	W595 x L595 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11019 / LA11049	3723
<b>NEW</b> F31400RC-tw*	2 x 700	2 x DC24V	2 x 17	1800 [3000K] 3600 [4000K]* 1800 [6000K]	106	W600 x L600 x H10	2800K to 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11034	3723

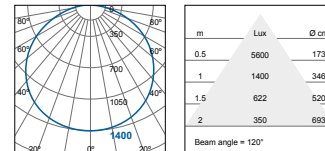
F31300RC



F31400RC



F31500RC / F53700RC



List of suggested driver

Model No	Nominal Voltage	Input Current(mA)	Dimmable	Panel Model No.
LA11015	100-240V	700	Yes	F31300RC
LA11017	100-240V	1400	Yes	F31400RC
LA11019	100-240V	1400	Yes	F31500RC and F53700RC
LA11034	220-240V	700	Yes (1-10V)	F31400RC-tw
LA11048	220-240V	1400	No	F31400RC and F31600RC
LA11049	220-240V	1400	No	F31500RC and F53700RC
LA11050	220-240V	700	No	F31300RC

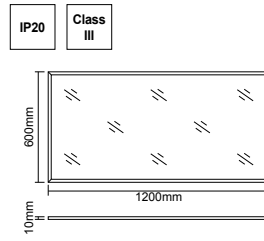
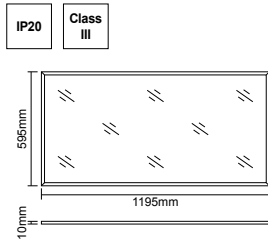
Integrated LED luminaire

\* Preliminary data  
\* Colour temperature range from 2800K to 6000K is at minimum 1800lm and 17W. Maximum luminous flux at full power is 34W, 3600lm and 4000K listed.

# MEGAMAN® BERTO

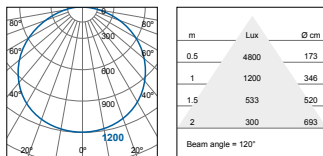
F31700RC / F31700RCv1 / F53800RC / F53800RCv1

F31700RC-tw

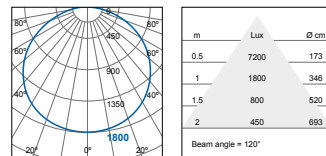


Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Materials	Suggested Driver	Weight (g)
<b>NEW</b> F31700RC	900	DC 33-40V	33	3300 [3000K] 3400 [4000K] 3600 [6000K]	100 [3000K] 103 [4000K] 109 [6000K]	W595 x L1195 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11020 / LA11051	8130
<b>NEW</b> F53800RC*	900	DC 33-40V	33	3300 [3000K] 3400 [4000K] 3600 [6000K]	100 [3000K] 103 [4000K] 109 [6000K]	W595 x L1195 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11020 / LA11051	8130
<b>NEW</b> F31700RCv1	1400	DC 33-40V	51	4500 [3000K] 4700 [4000K] 5000 [6000K]	88 [3000K] 92 [4000K] 98 [6000K]	W595 x L1195 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11021 / LA11022	8120
<b>NEW</b> F53800RCv1*	1400	DC 33-40V	51	4500 [3000K] 4700 [4000K] 5000 [6000K]	88 [3000K] 92 [4000K] 98 [6000K]	W595 x L1195 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11021 / LA11022	8120
<b>NEW</b> F31700RC-tw*	2 x 700	2 x DC24V	2 x 17	1800 [3000K] 3600 [4000K]* 1800 [6000K]	106	W600 x L1200 x H10	2800K to 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11034	8130

F31700RC / F53800RC



F31700RCv1 / F53800RCv1



List of suggested driver

Model No	Nominal Voltage	Input Current (mA)	Dimmable	Panel Model No.
LA11020	100-240V	900	Yes	F31700RC and F53800RC
LA11021	220-240V	1400	No	F31700RCv1 and F53800RCv1
LA11022	100-240V	1400	Yes	F31700RCv1 and F53800RCv1
LA11034	220-240V	700	Yes (1-10V)	F31700RC-tw
LA11051	220-240V	900	No	F31700RC and F53800RC

Integrated LED luminaire

\* Preliminary data

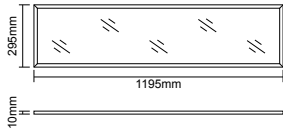
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# MEGAMAN® BERTO

F31600RC



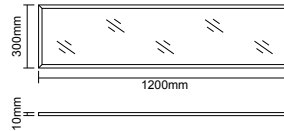
IP20 Class III



F31600RC-tw



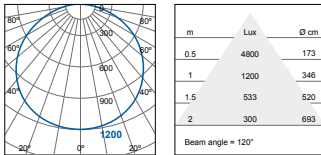
IP20 Class III



White (WH26) Silver (SV63)

Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Materials	Suggested Driver	Weight (g)
<b>NEW</b> F31600RC	1400	DC 23-27V	35	2800 [3000K] 3000 [4000K] 3100 [6000K]	80 [3000K] 86 [4000K] 89 [6000K]	W295 x L1195 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11017 / LA11048	3618
<b>NEW</b> F31600RC-tw*	2 x 700	2 x DC24V	2 x 17	1800 [3000K] 3600 [4000K]* 1800 [6000K]	106	W300 x L1200 x H10	2800K to 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11034	3618

F31600RC



List of suggested driver

Model No	Nominal Voltage	Input Current (mA)	Dimmable	Panel Model No.
LA11017	100-240V	1400	Yes	F31600RC
LA11034	220-240V	700	Yes (1-10V)	F31600RC-tw
LA11048	220-240V	1400	No	F31600RC

Accessories for MEGAMAN® BERTO LED Panel



LA10011  
4-wire Suspension Kits



LA10012  
6-wire Suspension Kits



LA10013  
Surface Mounted Kits



LA10014  
Surface Mounted Kits (With 6 hook kits)

Integrated LED luminaire

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\* Colour temperature range from 2800K to 6000K is at minimum 1800lm and 17W. Maximum luminous flux at full power is 34W, 3600lm and 4000K listed.