



BB Formiolight 08M-1U

-  Recyclable
-  Vandal Resistant
-  Recyclable Materials
-  DALI communication
-  CO2 reduction
-  Protection
-  LED Technology
-  Glare Free
-  Energy Efficiency
-  Maintenance free
-  Plug & play installation
-  Extreme long lifetime

Product description

LED fixture for Tunnel applications. Housing is made of rectangular shaped high quality extruded aluminium (outdoor grade). All fixations are made out of corrosion proof materials for long life and maintenance free applications.

Specially developed LED engines inside the housing emits light into an impact-proof and IP67 housing. With special optic technique the light is beamed at a specific angle to create an optimal light distribution for different applications (narrow, medium, wide, symmetrical, asymmetrical distributions are possible)

The specific light distributions make it possible to illuminate spaces in different ways. This means the fixture is suited for Industrial and tunnel areas or similar applications. Driver can be integrated or placed in remote.

Specifications

Input voltage	220 – 240 Vac (through external driver)
Frequency	50 / 60 Hz (through external driver)
Power factor	0,98 (100%), 0,85 (20%)
Dim range	DALI I or II compliant
Driver lifetime	65.000 hours @ Ta 40°C
Insulation	Class I
Operation temp.	-25°C ~ +40°C
Wiring	End connector 2,5mm ² L, N, Da+, Da-

Construction

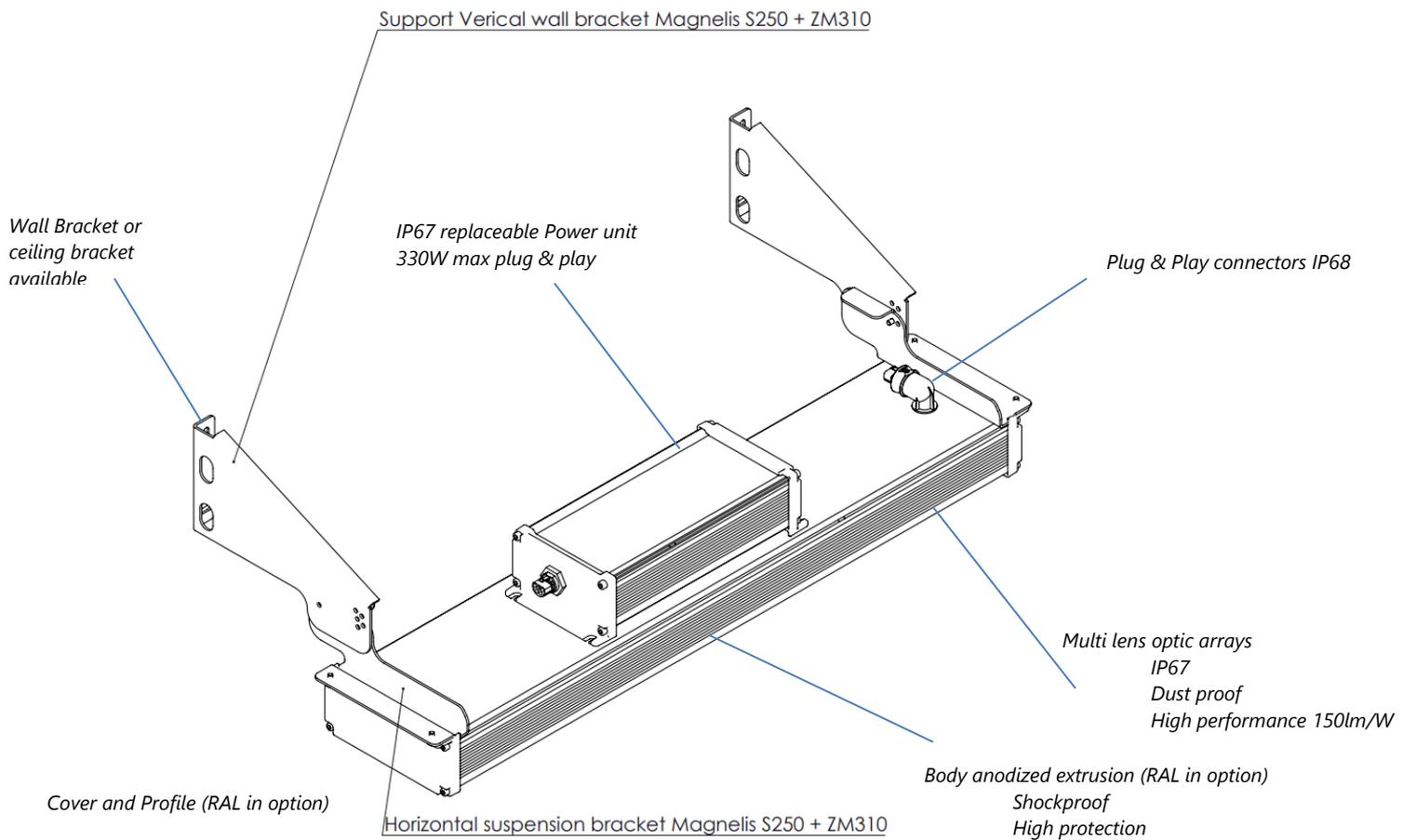
Luminaire parts	extruded anodized aluminium
Protector	Tempered glass plate 3mm thickness
Power supply	LED driver ext IP67 (internal LED driver possible)
Fixing	Magnelis S250 + ZM310
Connection	Plug & Play IP65 minimum / flying lead
Light source	High power LED + optics ZAGA Compliant
LED lifetime	L80B10 = 65.000 hours
Light colour	4000K (3000 -5000K optional)
CRI	RA >70 (up to 92 optional)

Certifications

Protection class	IP67
Impact class	IK08 min
Standards	EN 60598-1, EN 55015, EN 61000-3-2
All wires	Low Smoke Zero Halogen
Material usage	Fully recyclable components Design following Cradle to Cradle concept Produced following ENEC



ZAGA Compliant LED modules and optics



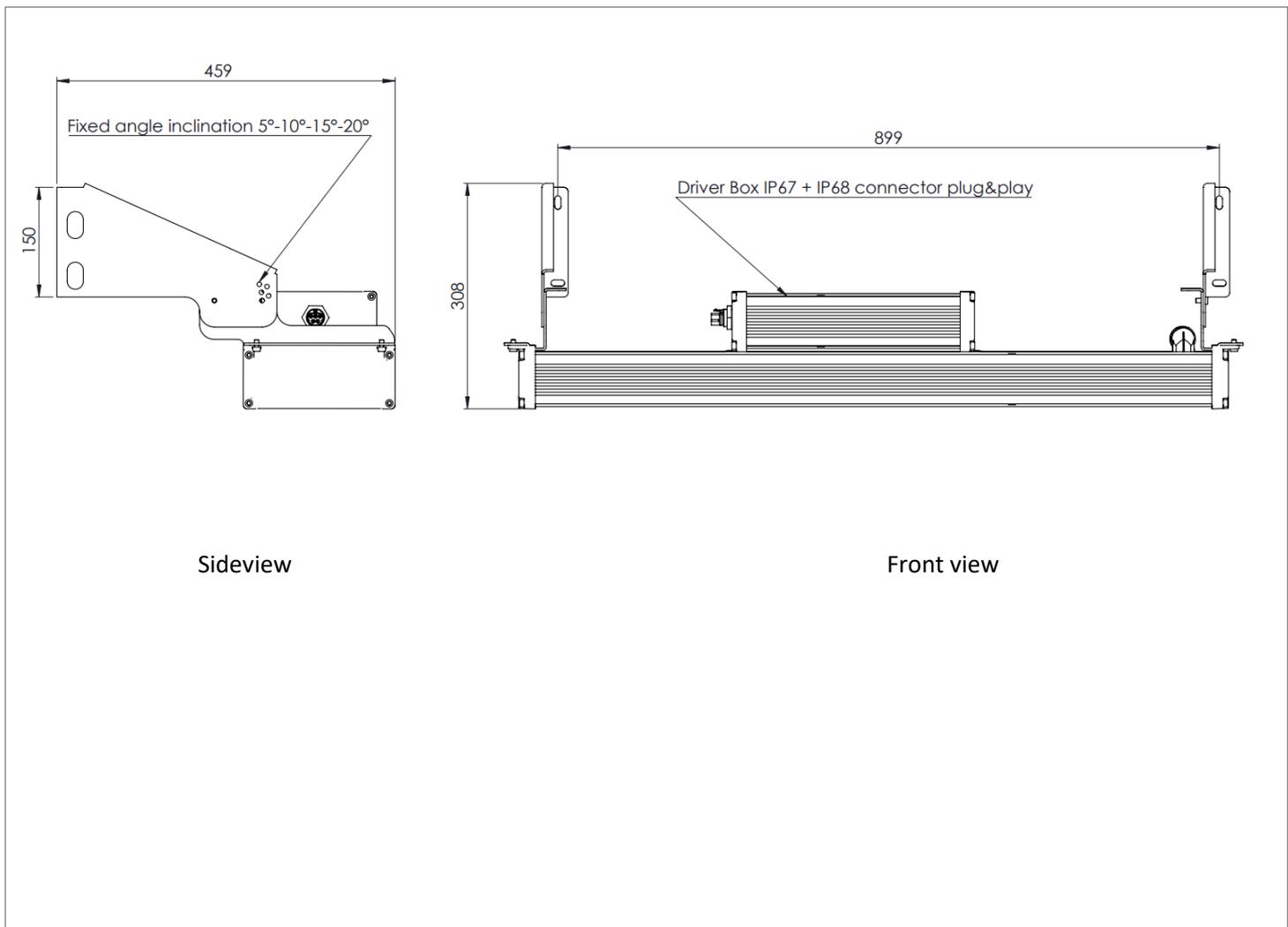
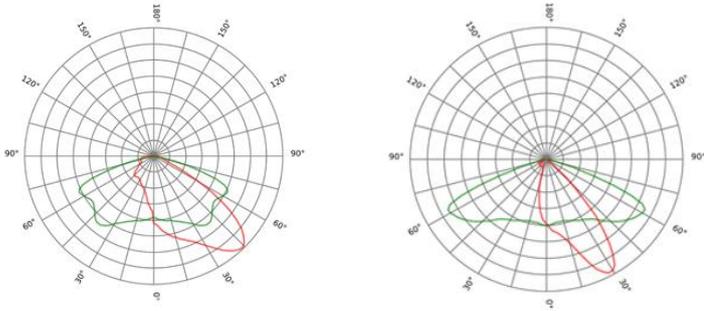
Types and dimensions

Type	Power	Weight	Lumen
BBFT-12M-2U-570	2x330W	16 kg	112.587 lm
BBFT-12M-3U-500	3x300W	25 kg	149.534 lm
BBFT-08M-2U-580	2x240W	15 kg	76.272 lm
BBFT-08M-1U-580	1x240W	7 kg	38.136 lm

Additional Parts

SCWBL Start Cable 2m with Plug & Play connector IP68 (Wieland RST20i5)

Distributions



Dimensions in mm

