



Beta 235 LED Stainless Steel

Construction characteristics

Illuminotechnical characteristics

Symmetric distribution.
 Lifetime (L93/B10): 30000 h. (tq+25°C)
 Lifetime (L90/B10): 50000 h. (tq+25°C)
 Lifetime (L85/B10): 80000 h. (tq+25°C)
 Lifetime (L80/B10): 100000 h. (tq+25°C)
 Photobiological safety RG0, risk exempt, in compliance with IEC 62471, IEC/TR 62778 (further information on page 18).

Mechanical characteristics

Housing in AISI 304 stainless steel, pressed in one single piece.
 Oversized gear-tray reflector unit in highly reflective white painted hot-galvanized steel.
 PMMA lenses with external flat surface (superimposed to obtain full protection of LED modules).
 Stainless steel snap-lock clips for attaching screens (safety n° 4 per fixture).

Electrical characteristics

Quick connection in polycarbonate with M20x1,5 cable gland, to access the terminal block positioned on a removable runner.

Source characteristics

- LED modules.
- Color initial tolerance (MacAdam): SDCM 3.

On request

- different colour rendering indices and colour temperatures
- different powers
- laminated glass
- wiring: emergency, CLO (more information on page 542), twin-circuit
- linear LED modules, with special protection against aggressive chemically-volatile substances, for standard LED technology

Applications

Ambient temperature from -20°C to +45°C. Any environments except the ones where the luminaire materials are unsuitable. Environments requiring safety luminaires, such as prisons, thanks to the clips that can be locked by bolts (on request). Environments in which it is necessary a total protection against falling fragments (eg environments with foodstuffs or machines with moving parts or with

extreme temperature changes), use luminaires with laminated glass. Tempered glass is not immune to falling fragments from harmless and caused by shocks or exceptionally derived from the tempering process.

PC version

Luminaires suitable, from a hygienic point of view, for use in production plants in the food industry (HACCP / IFS / BRC-Standard).

VT version

On request, HACCP versions for use in the food industry.

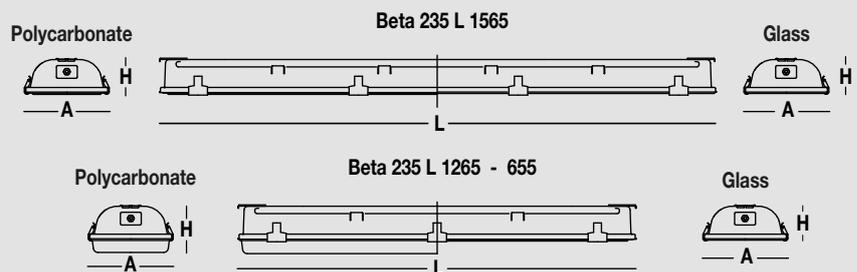
Installation

Ceiling, suspended, on busbar or wall-mounted.
 For mounting hooks and brackets see accessories on page 462.

Light Management

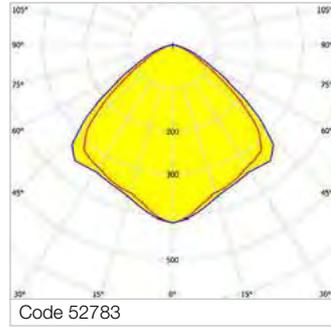
The DALI products of this family can be controlled manually with the technology 3F Easy Dim or even automatically and manually using the 3F Smart Dimming technology (see "Light Management" chapter).

Dimensions



Beta 235 LED 92 PC Wide

Stainless steel housing | Polycarbonate diffuser
















Wide symmetric lighting distribution.

Polycarbonate screen etched internally, V2 self-extinguishing, UV stabilized, injection moulded.

Attention: the diffuser supplied with our L655 and L1265 long luminaires is higher than the one which is supplied with our L1565 long versions (please consult Dimensions table).

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
------	------	--------------------	------------------	---------	-----	----------------------

Electronic wiring 230V-50/60Hz

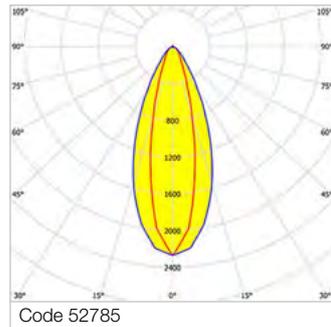
52940	Beta 235 LED 921x25 AMPIO L655	27.5	3620	4000	>80	655x235x140
52939	Beta 235 LED 922x15 AMPIO L655	34.5	4736	4000	>80	655x235x140
52870	Beta 235 LED 921x50 AMPIO L1265	56	7241	4000	>80	1265x235x135
52786	Beta 235 LED 921x60 AMPIO L1565	67	9103	4000	>80	1565x235x107
52867	Beta 235 LED 922x40 AMPIO L1265	82	11407	4000	>80	1265x235x135
52783	Beta 235 LED 922x50 AMPIO L1565	101	14290	4000	>80	1565x235x107

DALI electronic wiring 230V-50/60Hz

52828	Beta 235 LED 921x60 DALI AMPIO L1565	67	9103	4000	>80	1565x235x107
52909	Beta 235 LED 922x40 DALI AMPIO L1265	82	11407	4000	>80	1265x235x135
52825	Beta 235 LED 922x50 DALI AMPIO L1565	101	14290	4000	>80	1565x235x107

Beta 235 LED 92 PC Iperconcentrated

Stainless steel housing | Polycarbonate diffuser
















Symmetrical elliptical hyperconcentrated distribution.

Polycarbonate screen etched internally, V2 self-extinguishing, UV stabilized, injection moulded.

Attention: the diffuser supplied with our L1265 long luminaires is higher than the one which is supplied with our L1565 long versions (please consult Dimensions table).

Recommended minimum installation height: 4 meters from the ground.

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
------	------	--------------------	------------------	---------	-----	----------------------

Electronic wiring 230V-50/60Hz

52869	Beta 235 LED 922x40 IPERCONC L1265	82	10368	4000	>80	1265x235x135
52785	Beta 235 LED 922x50 IPERCONC L1565	101	13409	4000	>80	1565x235x107

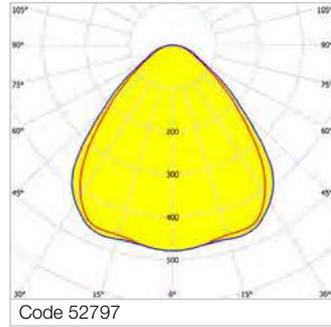
DALI electronic wiring 230V-50/60Hz

52911	Beta 235 LED 922x40 DALI IPERCONC L1265	82	10368	4000	>80	1265x235x135
52827	Beta 235 LED 922x50 DALI IPERCONC L1565	101	13409	4000	>80	1565x235x107

Waterproof and corrosion-proof

Beta 235 LED 93 VS Wide

Stainless steel housing | Moulded glass



Wide symmetric lighting distribution.
VS moulded anti-glare glass, non-combustible, single-piece perimeter frame in stainless steel.

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
------	------	--------------------	------------------	---------	-----	----------------------

Electronic wiring 230V-50/60Hz

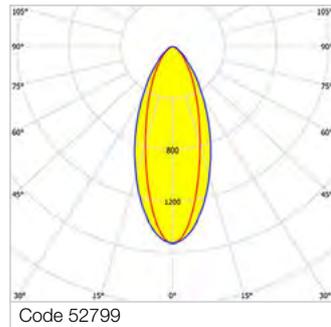
52946	Beta 235 LED 931x25 AMPIO VS L655	27.5	3372	4000	>80	655x235x110
52945	Beta 235 LED 932x15 AMPIO VS L655	34.5	4294	4000	>80	655x235x110
52884	Beta 235 LED 931x50 AMPIO VS L1265	56	6743	4000	>80	1265x235x105
52800	Beta 235 LED 931x60 AMPIO VS L1565	67	8429	4000	>80	1565x235x105
52881	Beta 235 LED 932x40 AMPIO VS L1265	82	10342	4000	>80	1265x235x105
52797	Beta 235 LED 932x50 AMPIO VS L1565	101	12926	4000	>80	1565x235x105

DALI electronic wiring 230V-50/60Hz

52842	Beta 235 LED 931x60 DALI AMPIO VS L1565	67	8429	4000	>80	1565x235x105
52923	Beta 235 LED 932x40 DALI AMPIO VS L1265	82	10342	4000	>80	1265x235x105
52839	Beta 235 LED 932x50 DALI AMPIO VS L1565	101	12926	4000	>80	1565x235x105

Beta 235 LED 93 VS Iperconcentrated

Stainless steel housing | Moulded glass



Symmetrical elliptical hyperconcentrated distribution.
VS moulded anti-glare glass, non-combustible, single-piece perimeter frame in stainless steel.
Recommended minimum installation height: 4 meters from the ground.

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
------	------	--------------------	------------------	---------	-----	----------------------

Electronic wiring 230V-50/60Hz

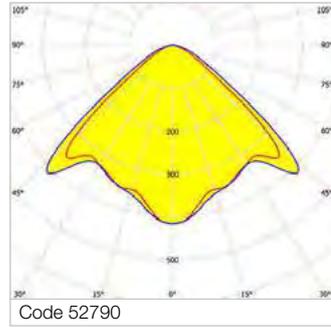
52883	Beta 235 LED 932x40 IPERCONC VS L1265	82	9929	4000	>80	1265x235x105
52799	Beta 235 LED 932x50 IPERCONC VS L1565	101	12410	4000	>80	1565x235x105

DALI electronic wiring 230V-50/60Hz

52925	Beta 235 LED 932x40 DALI IPERCONC VS L1265	82	9929	4000	>80	1265x235x105
52841	Beta 235 LED 932x50 DALI IPERCONC VS L1565	101	12410	4000	>80	1565x235x105

Beta 235 LED 93 VT Wide

Stainless steel housing | Transparent glass



Wide symmetric lighting distribution.
VT transparent glass, non-combustible, single-piece perimeter frame in stainless steel.

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
------	------	--------------------	------------------	---------	-----	----------------------

Electronic wiring 230V-50/60Hz

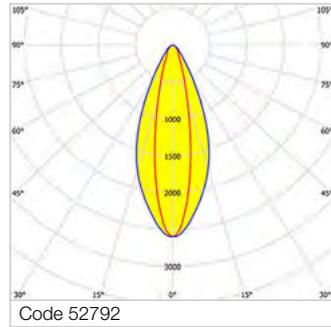
52877	Beta 235 LED 931x50 AMPIO VT L1265	56	7539	4000	>80	1265x235x105
52793	Beta 235 LED 931x60 AMPIO VT L1565	67	9425	4000	>80	1565x235x105
52874	Beta 235 LED 932x40 AMPIO VT L1265	82	11686	4000	>80	1265x235x105
52790	Beta 235 LED 932x50 AMPIO VT L1565	101	14606	4000	>80	1565x235x105

DALI electronic wiring 230V-50/60Hz

52835	Beta 235 LED 931x60 DALI AMPIO VT L1565	67	9425	4000	>80	1565x235x105
52916	Beta 235 LED 932x40 DALI AMPIO VT L1265	82	11686	4000	>80	1265x235x105
52832	Beta 235 LED 932x50 DALI AMPIO VT L1565	101	14606	4000	>80	1565x235x105

Beta 235 LED 93 VT Iperconcentrated

Stainless steel housing | Transparent glass



Symmetrical elliptical hyperconcentrated distribution.
VT transparent glass, non-combustible, single-piece perimeter frame in stainless steel.
Recommended minimum installation height: 4 meters from the ground.

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
------	------	--------------------	------------------	---------	-----	----------------------

Electronic wiring 230V-50/60Hz

52876	Beta 235 LED 932x40 IPERCONC VT L1265	82	10967	4000	>80	1265x235x105
52792	Beta 235 LED 932x50 IPERCONC VT L1565	101	13708	4000	>80	1565x235x105

DALI electronic wiring 230V-50/60Hz

52918	Beta 235 LED 932x40 DALI IPERCONC VT L1265	82	10967	4000	>80	1265x235x105
52834	Beta 235 LED 932x50 DALI IPERCONC VT L1565	101	13708	4000	>80	1565x235x105

Waterproof and corrosion-proof

Beta 235 Accessories



Anti-condensation diffuser cable gland.

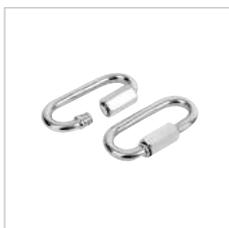
Code	Item
A0187	Anti-condensation cable gland

Recommended for installations in environments with temperature sudden changes or subject to condensation.



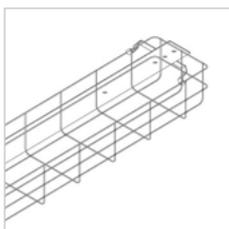
Reducing sealing ring, dedicated to the use of cables with an external diameter of up to 8 mm.

Code	Item
A0521 ^{NEW}	Reducing sealing ring – diam.8mm



Snap hooks clips for chain suspension, galvanized steel.

Code	Item
A0653	Couple of fixing carabiniers for chain installation



Wire-guard for applications in dry environments, against shocks coming from any directions, galvanized steel rod Ø 5 mm.

Code	Item
A0457	Wire guard 280x1330 03F/Linda/Beta
A0458	Wire guard 280x1630 03F/Linda/Beta

Only for luminaires fixed without hooks.



Safety screw that prevents improper opening of the luminaire.

Code	Item
A0471	Security screws - Beta 235 The pack contains 100 pieces.

The products from the Beta 235 range are equipped with safety snap-lock clips: L655mm (4 clips), L1265 (6 clips) and L1565 (8 clips) - of which only 4 are equipped with pre-mounted safety screws. In applications requiring a total inaccessibility to the luminaire, the screws can be fitted to the open snap-lock clips.



Pair of mounting brackets and hooks for ceiling mounting, with nuts and bolts for fastening the luminaire, everything in stainless steel.

Code	Item
A0324	Couple fixed brackets for ceiling - Beta 235



Pair of mounting brackets and hooks for wall-mounting, with nuts and bolts for luminaire fastening, everything in stainless steel.

Code	Item
A0835	Couple brackets and hooks for wall - Beta 235



Pair of steel hooks for suspended installation, with nuts and bolts for luminaire fastening.

Code	Item
A0836	Pair of galvanized hooks for suspension - Beta 235
A0837	Pair of stainless steel hooks for suspension - Beta 235

In case of chain suspension installation, ALWAYS use one of the following codes: A0653.



Pair of hooks in galvanized steel for suspended installation, with nuts and bolts for luminaire fastening.

Code	Item
A0838	Pair of S-hooks for chain - Beta 235



Safety screw for locking to busbar.

Code	Item
A0325	Mounting kit on busbar - Beta 235