

REWARDING BRIGHTNESS



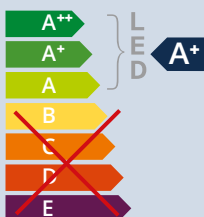
Surface mounted


Cylinder 235 HV-IC

Surface mount

Specifications

Colour white	Matte white RAL 9016 (=MW)
Beam angle (FWHM)	80°
Fixture material	Diecast aluminium
Environment	Indoor
IP rate	IP20
IK rate	IK02
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Warranty	7 Years



 This luminaire contains built-in LED lamps

The lamps cannot be changed in the luminaire.



874/2012



IP20

REWARDING BRIGHTNESS

Item specifications (part A)

Description	Item code	Type	W	Efficacy	Input	CRI (typ.)	Pf	Inrush current	Energy class
Cylinder 235 HV-IC 1250 Lm 2700K	797103MW1702	Incl. conn. box	12,4W	101 Lm/W*	220-240V	93	0.98	X	A+
Cylinder 235 HV-IC 1250 Lm 3000K	797103MW2002	Incl. conn. box	11,5W	109 Lm/W*	220-240V	83	0.98	X	A+
Cylinder 235 HV-IC 1250 Lm 4000K	797103MW2402	Incl. conn. box	10,6W	118 Lm/W*	220-240V	83	0.98	X	A+
Cylinder 235 HV-IC 2000 Lm 2700K	797903MW1702	Incl. conn. box	20,8W	96 Lm/W*	220-240V	93	0.98	X	A+
Cylinder 235 HV-IC 2000 Lm 3000K	797903MW2002	Incl. conn. box	19,2W	104 Lm/W*	220-240V	83	0.98	X	A+
Cylinder 235 HV-IC 2000 Lm 4000K	797903MW2402	Incl. conn. box	17,7W	113 Lm/W*	220-240V	83	0.98	X	A+
Cylinder 235 HV-IC 1250 Lm 2700K EP3 4-P	797103MW1773	Incl. PSU	12,4W	101 Lm/W*	220-240V	93	0.98	X	A+
Cylinder 235 HV-IC 1250 Lm 3000K EP3 4-P	797103MW2073	Incl. PSU	11,5W	109 Lm/W*	220-240V	83	0.98	X	A+
Cylinder 235 HV-IC 1250 Lm 4000K EP3 4-P	797103MW2473	Incl. PSU	10,6W	118 Lm/W*	220-240V	83	0.98	X	A+
Cylinder 235 HV-IC 2000 Lm 2700K EP3 4-P	797903MW1773	Incl. PSU	20,8W	96 Lm/W*	220-240V	93	0.98	X	A+
Cylinder 235 HV-IC 2000 Lm 3000K EP3 4-P	797903MW2073	Incl. PSU	19,2W	104 Lm/W*	220-240V	83	0.98	X	A+
Cylinder 235 HV-IC 2000 Lm 4000K EP3 4-P	797903MW2473	Incl. PSU	17,7W	113 Lm/W*	220-240V	83	0.98	X	A+

* From Q1 2017

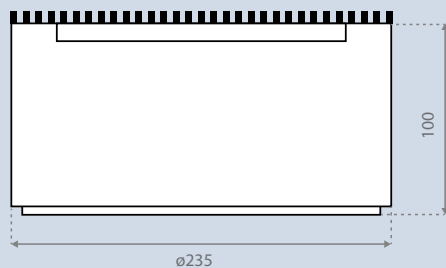
(part B)

Description	Safety class	Weight	Dimensions single carton	Quantity per carton	Expected lifespan (25°C)		
					L70B50	L80B50	L90B50
Cylinder 235 HV-IC 1250 Lm 2700K	II	2367 gr	235x235x120 mm	15 pcs	189.000 hrs	116.000 hrs	87.000 hrs
Cylinder 235 HV-IC 1250 Lm 3000K	II	2367 gr	235x235x120 mm	15 pcs	189.000 hrs	116.000 hrs	87.000 hrs
Cylinder 235 HV-IC 1250 Lm 4000K	II	2367 gr	235x235x120 mm	15 pcs	189.000 hrs	116.000 hrs	87.000 hrs
Cylinder 235 HV-IC 2000 Lm 2700K	II	2367 gr	235x235x120 mm	15 pcs	189.000 hrs	116.000 hrs	87.000 hrs
Cylinder 235 HV-IC 2000 Lm 3000K	II	2367 gr	235x235x120 mm	15 pcs	189.000 hrs	116.000 hrs	87.000 hrs
Cylinder 235 HV-IC 2000 Lm 4000K	II	2367 gr	235x235x120 mm	15 pcs	189.000 hrs	116.000 hrs	87.000 hrs
Cylinder 235 HV-IC 1250 Lm 2700K EP3 4-P	I	2775 gr	235x235x120 mm	15 pcs	189.000 hrs	116.000 hrs	87.000 hrs
Cylinder 235 HV-IC 1250 Lm 3000K EP3 4-P	I	2775 gr	235x235x120 mm	15 pcs	189.000 hrs	116.000 hrs	87.000 hrs
Cylinder 235 HV-IC 1250 Lm 4000K EP3 4-P	I	2775 gr	235x235x120 mm	15 pcs	189.000 hrs	116.000 hrs	87.000 hrs
Cylinder 235 HV-IC 2000 Lm 2700K EP3 4-P	I	2775 gr	235x235x120 mm	15 pcs	189.000 hrs	116.000 hrs	87.000 hrs
Cylinder 235 HV-IC 2000 Lm 3000K EP3 4-P	I	2775 gr	235x235x120 mm	15 pcs	189.000 hrs	116.000 hrs	87.000 hrs
Cylinder 235 HV-IC 2000 Lm 4000K EP3 4-P	I	2775 gr	235x235x120 mm	15 pcs	189.000 hrs	116.000 hrs	87.000 hrs

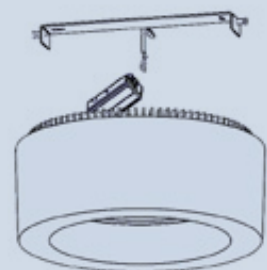
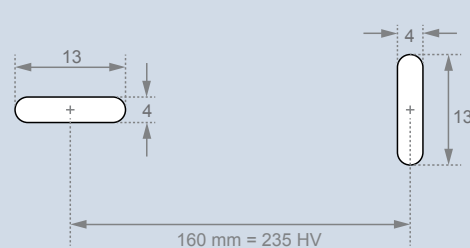
All values are measured at 230V (+/- 7%)

Dimensions

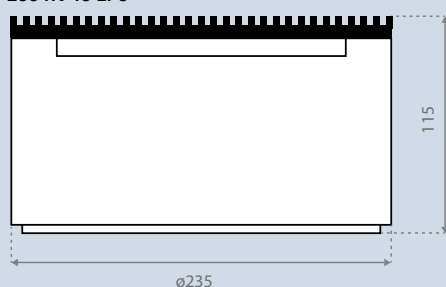
235 HV-IC



Fixation dimensions



235 HV-IC EP3



Dimmer recommendation list

Manufacturer	Product ID	Type	Min-max load	All HV-IC luminaires
ABB Busch Jaeger	6513	RC	40-420VA	✓ 40-100%
Berker	2830 10	R	60-400 W	✓ 20-100%
Berker	2867 10	RC	20-360 W	✓ 40-100%
Berker	2873	RL	20-500 W	✓ 20-100%
Busch Jaeger	6523U	RL	2-100 W	✓ 0-100%
Busch Jaeger	2247U	RL	20-500 W	✓ 0-100%
Elko	315GLE	RC	20-315VA	✓ 40-80%
Elko	400GLI	RL	40-300VA	✓ 20-100%
Eltako	EUD61NPN-UC	RLC	0-400 W	✓ 20-100%
Feller	40600.RL	RL	40-600 W	✓ 20-100%
Feller	40300.RC	RC	20-300 W	✓ 40-100%
Gira	1184-00	R	60-400 W	✓ 20-100%
Gira	1182-00	RC	20-360 W	✓ 40-100%
Gira	2262-00	RL	3-100 W	✓ 20-100%
Ipas	HD300	RC	10-300 W	✓ 40-100%
Ipas	KED-400	RL	35-400VA	✓ 30-100%
Jung	244 EX	R	60-400 W	✓ 20-100%
Jung	243 EX	RC	20-360 W	✓ 40-100%
Jung	225 NV DE	RL	3-100 W	✓ 20-100%
Legrand	078406	RLC	8-300 W	✓ 10-100%
Legrand	067085	RLC	8-300 W	✓ 10-100%
Niko	310-0190X	RLC	5-325 W	✓ 20-100%
Niko	330-00700	RLC	5-200 W	✓ 30-100%
Norwegian	KED400	R	35-400 W	✓ 10-100%
Norwegian	KED600	R	35-600 W	✓ 10-100%
Peha	433 HAB	RC	20-315 W	✗
Peha	434 OA	R	60-400 W	✗
Schneider (Merten)	MTN5131	R	40-400 W	✓ 20-100%
Schneider (Merten)	MTN5133	RL	40-600 W	✓ 20-100%
Schneider (Merten)	MTN5136	RC	20-315 W	✓ 40-100%
Schneider (Merten)	MTN5139	RLC	20-600 W	✓ 30-100%
Schneider (Merten)	MTN577899	RC	20-315 W	✓ 40-100%
Schneider (Merten)	MEG5170	RLC	10-200 W	✗ 40-80%

✓ = OK ✗ = Not recommended