



Curion 90 HV-IC

Fixed

SPECIFICATIONS

Beam angle (FWHM)	80°
Fixture material	Housing: Die cast aluminium / Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C ¹
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years * (within the European Union and the countries of the Free Trade Association for products delivered after 1 May 2015)

This luminaire contains built-in LED lamps. There are no exchangeable parts inside the luminaire. EU 874/2012

¹ In applications with a flat roof (fi. car showrooms) the temperatures may exceed 45°C. Please ask our sales office for a special driver.



CURION 90 220-240V



ITEM SPECIFICATIONS (PART A)

Description	Item code CS	Item code WS	Input	W	Lm	Lm/W	CRI (typ.)	UGR	Pf
Curion 90 HV-IC 600 Lm 2700K Triac dim	948603XX4855	948603XX5855	220-240V	8,2	600	73	83	25,9	0,98
Curion 90 HV-IC 600 Lm 3000K Triac dim	948603XX4955	948603XX5955	220-240V	8,0	600	75	83	25,9	0,98
Curion 90 HV-IC 600 Lm 4000K Triac dim	948603XX5055	948603XX6055	220-240V	7,5	600	80	83	25,9	0,98
Curion 90 HV-IC 900 Lm 2700K Triac dim	948903XX4855	948903XX5855	220-240V	12,9	900	70	83	27,3	0,99
Curion 90 HV-IC 900 Lm 3000K Triac dim	948903XX4955	948903XX5955	220-240V	12,6	900	71	83	27,3	0,99
Curion 90 HV-IC 900 Lm 4000K Triac dim	948903XX5055	948903XX6055	220-240V	11,8	900	76	83	27,3	0,99
Curion 90 HV-IC 900 Lm 2200-3000K Triac dim	946403XXBY77	946403XXBZ77	220-240V	11,2	900	80	88	27,3	0,99

ITEM SPECIFICATIONS (PART B)

Description	Safety class	Energy class	Weight	Dimensions single carton	Quantity per carton	Expected lifespan (25°C)		
						L70B50	L80B50	L90B50
Curion 90 HV-IC	II	A	322 gr	105x105x61 mm	42 pcs	>180.000 hrs	>113.000 hrs	>54.000 hrs

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

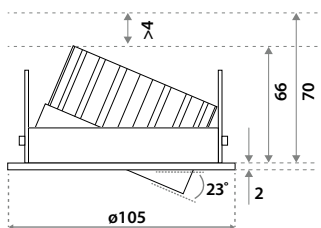
FIRE RATING TUBE

Description	Item code	Hole size	time
Fire rating tube 90	009D03MW0000	ø94x70mm	90 min.

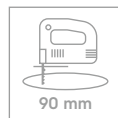


⚠ Only in combination with WS (wire) springs versions.

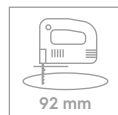
DIMENSIONS



HOLE SIZE



Using CS (concrete) springs (concrete/gyproc)
For 5-70 mm ceiling thickness.
Recess depth 70 mm (incl. 5mm space for air ventilation).



Using WS (wire) springs (gyproc/metal)
For 1-50 mm ceiling thickness.
Recess depth 70 mm (incl. 5mm space for air ventilation).

Manufacturer	Product ID	Type	Power	Wires*	Dimming range				RCS
					HV-IC		HV-FD		
					min %	max %	min %	max %	
ABB-Busch&Jaeger	2250U	R	60-600	2	2,0	63	✓ 0,3	✓ 100	x
ABB-Busch&Jaeger	6523 UR 103	RLC	2-400	2	1,4	88	✓ 0,2	✓ 100	x
ABB-Busch&Jaeger	6523U	RL	2-100	2	x	x	✓ 1,0	✓ 97	x
Casambi	CBU-TED Bluetooth	RC	1-100	3	✓ 0,1	✓ 100	✓ 0,1	✓ 100	x
CTM Lyng	MDimLed	LED	1-200	3	✓ 0,6	✓ 100	✓ 0,0	✓ 100	x
Dimmax (Trump)	420SL	RLC	1-200	3	4,0	✓ 100	2,1	✓ 98	x
Eaton LED	CDAU-01/04	RLC	0-250	3	2,0	✓ 100	2,0	✓ 100	x
Elko	315GLE	RC	20-315	2	1,5	✓ 95	✓ 0,2	✓ 96	x
Elko	400GLI	RL	40-400	2	x	x	✓ 0,0	✓ 98	x
Eltako	EUD61NPN-UC	RLC	400	3	5,5	✓ 100	2,9	✓ 95	x
Gira Berker Jung	2819	R	50-400	2	x	x	✓ 0,7	✓ 99	x
Gira Berker Jung	286610	RL	20-500	2	13,0	✓ 100	21,0	✓ 100	OK
Gira Berker Jung	1183 00/101	RL	20-500	2	1,3	90	✓ 0,0	✓ 99	
Gira Berker Jung	1184 00/101	R	60-200	2	x	x	✓ 0,2	✓ 97	x
L&K	SD 600 nr 531556	RL	10- 500	2	✓ 0,1	87	✓ 0,1	✓ 100	x
Legrand	0 02671	LED	3-75	3	7,4	✓ 96	6,3	✓ 96	
Legrand (Btinico)	L-N-NT4411N	LED	3-75	2	5,2	92	3,4	✓ 95	
Lumiko /Klemko	D-PAF-200-LED	RC	1-200	2	✓ 0,1	93	✓ 0,0	✓ 98	x
Lutron	RRK-R25NE-240	LED	1-250	3	2,0	✓ 96	✓ 0,1	✓ 98	x
Niko	310-016	RL	50-400	2	6,0	✓ 96	2,0	✓ 99	x
Niko	310-017XX	RC	20-250	2	16,0	78	22,4	✓ 95	OK
Niko	310-0190X	Uni	5-325	3	✓ 0,7	✓ 100	✓ 0,0	✓ 98	OK
Niko	310-0260	RL	40-550	2	5,9	86	6,3	✓ 99	x
Niko	310-02701	LED	40-300	2	8,0	74	10,4	✓ 96	OK
Niko	310-0280X	LED	2-100	3	2,2	✓ 100	4,7	✓ 96	OK
Niko	310-0290X	LED	3-300	2	✓ 1,0	82	✓ 0,1	✓ 99	OK
Niko	310-0390X	Uni	3-200	2	1,5	92	✓ 0,0	✓ 95	OK
Niko	310-0490X	LED	4-200	2	✓ 0,8	83	✓ 0,0	✓ 100	x
Niko	330-0700(=330-0701)	LED	5-350	3	✓ 0,7	✓ 100	✓ 0,1	✓ 100	OK
Peha	433	R	20-250	2	✓ 0,1	92	✓ 0,0	94	x
Qbus	Dim02SA/500	uni	2-500	3	2,0	✓ 100	✓ 0,1	✓ 100	OK
RAKO	RMT-500	RC	1-500	3	✓ 0,1	✓ 100	✓ 0,0	✓ 100	OK
RAKO	RMT-PILL	RC	1-250	3	✓ 0,6	✓ 97	✓ 0,1	✓ 98	OK
Schneider Merten Feller	40420	RLC	20-420	2	x	x	✓ 0,8	✓ 100	x
Schneider Merten Feller	40600 RL	RL	20-300	2	✓ 0,1	89	✓ 0,0	✓ 96	x
Schneider Merten Feller	SBD SPL	RL	9-100	2	✓ 0,2	✓ 100	✓ 0,2	✓ 100	
Schneider Merten Feller	SBD600 RL	RL	40-600	2	x	x	✓ 0,0	✓ 96	x
Schneider Merten Feller	SBD600RCRL	RLC	20-600	2	1,3	92	✓ 0,5	✓ 98	x
Simon Electric	DS9T2		5-315	3	✓ 0,2	✓ 97	✓ 0,1	✓ 100	x
Unilamp/Belid	KDT 250 E-1	LED	5-250	2	1,5	70	✓ 0,7	✓ 98	
Unilamp/Luzense	KTD-500 E4	LED	5-500	2	1,6	82	✓ 0,4	✓ 100	x

✓ = Recommended (min <1% / max >95%) x = Absolutely not recommended Please check our website for the latest information.

RCS = Sensitive to Ripple control signals x = Not OK

*** Wires:**

2 = No neutral required; 3 = Neutral required.

Brand combinations:

ABB - Busch & Jaeger

Gira - Berker - Jung

Schneider - Merten- Lauritz Knutzen - Feller