

REWARDING BRIGHTNESS

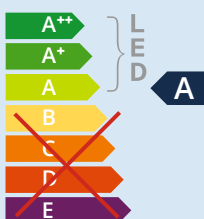


Downlights

Fluxe 90 HV-WD
3000-2200K

Specifications

| | |
|----------------------------|--|
| Colour white | Matt white RAL 9016 (XX=MW) |
| Colour grey | Matt grey RAL 9006 (XX=GR) |
| Colour black | Matt black RAL 9005 (XX=BL) |
| Beam angle (FWHM) | 60° |
| Fixture material | Housing: Die cast aluminium / Reflector glass: Polycarbonate |
| Environment | Indoor |
| IP rate | IP20 |
| IK rate | IK03 |
| Operating temperature (Ta) | -20°C / +45°C |
| Safety marks | EN60598 / EN62031 / EN62471 |
| EMC compliance | EN55015 |
| Colour consistency (SDCM) | MacAdam step 3 |
| Warranty | 7 Years |



This luminaire contains built-in LED lamps

The lamps cannot be changed in the luminaire.

874/2012



For soft ceiling tiles we recommend using a wooden plate or a ceiling ring on the reverse side of the tile.

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Item specifications (part A)

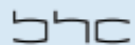
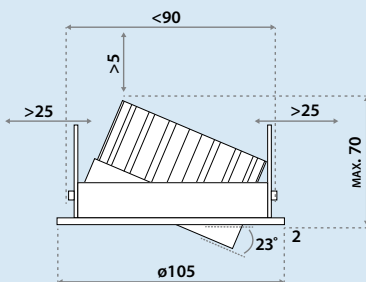
| Description | Item code | Type | Input | W | Lm | Lm/W | CRI (typ.) | UGR | Pf | Ripple | Inrush current | B-16A Fuse |
|---|--------------|----------------|----------|------|-----|------|------------|------|------|--------|----------------|------------|
| Fluxe 90 HV-WD adj 900Lm 3000-2200K Triac dim | 806403XXBY77 | Incl. Conn.Box | 220-240V | 11,2 | 900 | 80 | 88 | 23.5 | 0.99 | x | x | x |

Item specifications (part B)

| Description | Safety class | Energy class | Weight | Dimensions single carton | Quantity per carton | Expected lifespan (25°C) | | |
|---|--------------|--------------|--------|--------------------------|---------------------|--------------------------|------------|------------|
| | | | | | | L70B50 | L80B50 | L90B50 |
| Fluxe 90 HV-WD adj 900Lm 3000-2200K Triac dim | I | A | 390 gr | 105x105x61 mm | 42 pcs | 107.000 hrs | 69.000 hrs | 36.000 hrs |

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

Dimensions



Dimmer recommendation list

| Manufacturer | Product ID | Type | Min-max load | HV-75/90 400 Lm | HV-75/90 400 Lm + dimming cable | All HV-IC luminaires | HV-WD luminaires* |
|--------------------|--------------|----------|--------------|-----------------|---------------------------------|----------------------|-------------------|
| ABB Busch Jaeger | 6513 | RC | 40-420 VA | ✗ Blinks | ✓ 40-100% | ✓ 40-100% | ✗ |
| Berker | 2830 10 | R | 60-400 W | ✗ | ✓ 10-100% | ✓ 20-100% | ✗ |
| Berker | 2867 10 | RC | 20-360 W | ✗ | ✓ 10-100% | ✓ 40-100% | ✗ |
| Berker | 2873 | RL | 20-500 W | ✗ 40-90% | ✓ 0-100% | ✓ 20-100% | ✓ 20-100% |
| Busch Jaeger | 2247U | RL | 20-500 W | ✓ 20-100% | ✓ 0-100% | ✓ 5-100% | ✓ 5-100% |
| Busch Jaeger | 6523U | RL | 10-250 W | ✓ 10-100% | ✓ 0-100% | ✓ 5-100% | ✓ 5-100% |
| Busch Jaeger | 6523UR | RL | 10-400 W | Not tested | Not tested | ✓ 5-100% | ✓ 5-100% |
| Busch Jaeger | 6526U | PUSH | 10-250 W | Not tested | Not tested | ✗ | ✗ |
| Busch Jaeger | 6586-500 | DIN-RAIL | 10-250 W | Not tested | Not tested | ✗ | ✗ |
| Busch Jaeger | 6197/xx-101 | KNX | Var. | Not tested | Not tested | ✓ 10-100% | ✓ 10-100% |
| Busch Jaeger | UD/2S.300.2 | KNX | Var. | Not tested | Not tested | ✓ 0-100% | ✓ 0-100% |
| Busch Jaeger | 6252/0.4-101 | F&H | Var. | Not tested | Not tested | ✓ 10-100% | ✓ 10-100% |
| DIMMAX | 420SL | R | 420 W | Not tested | Not tested | ✓ 3-100% | ✓ 3-100% |
| Elko | 315GLE | RC | 20-315 VA | ✓ 40-80% | ✗ | ✓ 40-80% | ✓ 40-80% |
| Elko | 400GLI | RL | 40-300VA | ✓ 40-80% | ✓ 20-100% | ✓ 20-100% | ✓ 20-100% |
| Elfako | EUD61NPN-UC | RLC | 0-400 W | ✓ 0-100% | ✓ 0-100% | ✓ 20-100% | ✓ 20-100% |
| Feller | 40600.RL | RL | 40-600 W | ✗ 20-80% | ✓ 0-100% | ✓ 20-100% | ✓ 20-100% |
| Feller | 40300.RC | RC | 20-300 W | ✓ 10-100% | ✗ | ✓ 40-100% | ✓ 40-100% |
| Gira | 1184-00 | R | 60-400 W | ✗ | ✓ 10-100% | ✓ 20-100% | ✗ |
| Gira | 1182-00 | RC | 20-360 W | ✗ | ✓ 10-100% | ✓ 40-100% | ✗ |
| Gira | 2262-00 | RL | 3-100 W | ✗ 40-90% | ✓ 0-100% | ✓ 20-100% | ✓ 20-100% |
| Ipas | HD300 | RC | 10-300 W | ✓ 40-80% | ✓ 20-100% | ✓ 40-100% | ✗ |
| Ipas | KED-400 | RL | 35-400 VA | ✗ Blinks at 30% | ✓ 30-100% | ✓ 30-100% | ✗ |
| Jung | 244 EX | R | 60-400 W | ✗ | ✓ 10-100% | ✓ 20-100% | ✗ |
| Jung | 243 EX | RC | 20-360 W | ✗ | ✓ 10-100% | ✓ 40-100% | ✗ |
| Jung | 225 NV DE | RL | 3-100 W | ✗ 40-90% | ✓ 0-100% | ✓ 20-100% | ✓ 20-100% |
| Legrand | 078406 | RLC | 8-300 W | ✓ 10-100% | ✓ 10-100% | ✓ 10-100% | ✓ 10-100% |
| Legrand | 067085 | RLC | 8-300 W | ✓ 10-100% | ✓ 10-100% | ✓ 10-100% | ✓ 10-100% |
| Niko | 310-028X | RLC | 2-100 W | ✓ 5-100% | Not tested | ✓ 10-100% | ✓ 10-100% |
| Niko | 310-029X | RLC | 3-200 W | ✗ | Not tested | ✓ 10-100% | ✓ 10-100% |
| Niko | 310-039X | RLC | 3-200 W | ✗ | Not tested | ✓ 10-100% | ✓ 10-100% |
| Niko | 310-0190X | RLC | 5-325 W | ✗ 4-100% | ✓ 10-100% | ✓ 20-100% | ✓ 20-100% |
| Niko | 330-00700 | RLC | 5-350W | ✗ 4-100% | ✓ 10-100% | ✓ 30-100% | ✓ 30-100% |
| Niko | 330-00701 | RLC | 5-350W | ✗ 4-100% | ✓ 10-100% | ✓ 10-100% | ✓ 10-100% |
| Niko | 410-004x0 | RLC | 3-200 W | ✗ | ✓ 10-100% | ✓ 10-100% | ✓ 10-100% |
| Niko | 550-00340 | RLC | 5-400 VA | ✗ 4-100% | ✓ 10-100% | ✓ 10-100% | ✓ 10-100% |
| Norwegian | KED400 | R | 35-400 W | ✓ 10-100% | ✓ 10-100% | ✓ 10-100% | ✗ |
| Norwegian | KED600 | R | 35-600 W | ✓ 10-100% | ✓ 10-100% | ✓ 10-100% | ✗ |
| Peha | 433 HAB | RC | 20-315 W | ✗ 40-90% | ✓ 10-100% | ✗ | ✗ |
| Peha | 434 0A | R | 60-400 W | ✗ 60-80% | ✓ 10-100% | ✗ | ✗ |
| Schneider (Merten) | MTN5131 | R | 40-400 W | ✗ 20-80% | ✓ 0-100% | ✓ 20-100% | ✓ 20-100% |
| Schneider (Merten) | MTN5133 | RL | 40-600 W | ✗ 20-80% | ✓ 0-100% | ✓ 20-100% | ✓ 20-100% |
| Schneider (Merten) | MTN5136 | RC | 20-315 W | ✗ | ✗ | ✓ 40-100% | ✓ 40-100% |
| Schneider (Merten) | MTN5139 | RLC | 20-600 W | ✗ 20-80% | ✗ | ✓ 30-100% | ✓ 30-100% |
| Schneider (Merten) | MTN577899 | RC | 20-315 W | ✗ | ✓ 20-100% | ✓ 40-100% | ✗ |
| Schneider (Merten) | MEG5170 | RLC | 10-200 W | ✗ | ✗ 40-80% | ✗ 40-80% | ✗ |

✓ = OK ✗ = Not recommended Please check our website for the latest information.

2) The dimming performance of the HV-WD technology is identically to the HV-IC only visually with some dimmer types it gives an asymmetric appearance and therefore we do not recommend this.

1) Not more than 90% of the max. wattage.