

IP20  
IP44



### Benefits

- Revolutionary AC LED technology
- Can be connected directly to 220-240V outlets (no converter needed), which ensures high reliability
- Integrated NECTOR S plug system for Plug & Play installation (NECTOR is an official TE Connectivity Trademark)

### Features

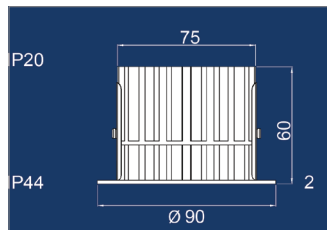
- Dimmable with most dimmers
- Fits in a standard 75mm ceiling aperture
- Low recess depth of only 60mm
- Powered by high quality Energy Star LED type
- Comparable with mains voltage halogen GU10-50W
- 82% energy saving compared to mains voltage halogen GU10-50W
- Consistent color between each downlight
- Homogeneous light beam
- Antiglare protection
- No heat and UV radiation
- Waterproof front
- Comply with the latest Powerfactor norms (>0.90)
- EMC test report available at the website
- CE/ CB test report by Dekra Netherlands available at the website

### Specifications

	LINEA 75 HV 9W white
Article number	917003MW2002
Color	Matt white ral 9016
EAN-code	8718347090821
Input voltage	220-240V~ 50/60Hz
Wattage	9W
Lumen output	400 Lm
Efficacy	45 Lm/W
Collerated Color Temperature (CCT)	3000K
Color Rendering Index (CRI)	80
Beam angle	60°
Material	Diecast aluminum
Environment	Indoor / Outdoor cove lighting
Protection against water	IP20/IP44
Protection against shock	IK01
Powerfactor	0,91
Dimmable	Yes, see dimmer compatibility
Operating temperature	-20°C / +45°C
Safety norms	EN60598/EN62031/EN62471
EMC norms	EN55015
Quantity single package	1 pc
Weight single package	264gr
Dimensions single package	111x111x65mm
Quantity per carton	36 pcs
Dimensions carton	350x380x340mm (0.045m3)
Quantity per pallet	1152 pcs
Expected lifetime at 25°C (L70)	47,000hrs
Warranty	3 years

All values are measured at 230V (+/- 5%)

### Measurements



### IP20/IP44:

Only when the luminaire is installed in a closed ceiling it can be exposed to splashing water from the front side.

### Lifetime data

Test information	Lifetime Ta 25°C (L70)	Tj
Test data from LED supplier	50,000 Hrs	33°C
Test data from LED supplier	50,000 Hrs	63°C
Test data from LED supplier	27,000 Hrs	93°C
Test data from LINEA 75 HV-9W* 220V~	50,000 Hrs	57°C
Test data from LINEA 75 HV-9W* 230V~	47,000 Hrs	66°C
Test data from LINEA 75 HV-9W* 240V~	43,000 Hrs	73°C

\* Tested in closed ceiling with no insulation material covering the downlight housing



Energy Star  
LED type



### Annual savings

#### Burning hours:

10 hrs x 300days = 3000 hrs per year

#### Electricity savings :

50W - 9W = 41W x 3000hrs = 123kWh x €0,25 = €30,75

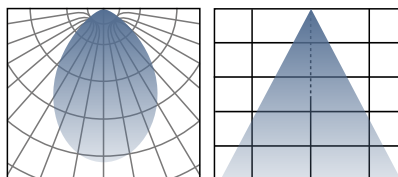
#### Maintenance cost:

2 lamps x 0,25hr x €35 =€15

Lamp replacement cost: €4,95 x 2 = €9,90

Total annual savings: €60,77 per lamp unit.

### Photometrics



60°

### Dimmer compatibility

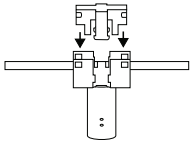
Dimmer type	Dimming level
R Linea 75 HV-9W	✓ (40-80%)
R+L Linea 75 HV-9W	✓ (40-100%)
R+C Linea 75 HV-9W	✗ (80-100%)
R Linea 75 HV-9W + Dimming cable*	✓ (10-100%)
R+L Linea 75 HV-9W + Dimming cable*	✓ (10-100%)
R+C Linea 75 HV-9W + Dimming cable*	✓ (10-100%)

\* Only one dimming cable per dimming circuit (any spot is ok)

# PLUG & PLAY INSTALLATION

## LINEA 75 HV - 9W

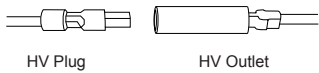
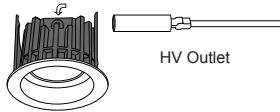
### HV Busbar



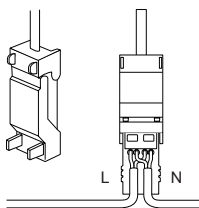
The HV Busbar is a customer friendly product that will give you an easy installation.

Just place the cable in the busbar holder and push the cap on!

### Plug & Play



### Connectionbox



The Connection box is equipped with push-in contacts for a quick and easy installation. Also the wire grip is screwless by pressing the top cover downwards.

#### Solution 01: 230V Line installation (Busbar)

Suspended ceiling

<p>1 2.0m</p>	<p>2 3.0m</p>	<p>3 0.5m</p>
<p>HV Outlet to Europlug Art.nr.: 595205BL0000</p>	<p>HV Plug to Outlet (extension) Art.nr.: 545205BL1500</p>	<p>HV Outlet to GST18 Plug Art.nr.: 605205BL0000</p>
<p>15</p>	<p>3</p>	<p>1 0.5m</p>
<p>Dimming cable (for improved dimming performances) Art.nr.: 585205BL0000</p>	<p>HV Busbar Art.nr.: 009105BL0000</p>	<p>HV Outlet to Connection box Art.nr.: 615205BL0000</p>

#### Solution 02: 230V Star installation (6 Way distributor box)

Suspended ceiling

<p>2 3.0m</p>	<p>4 1.8m</p>	<p>4 1.0m</p>
<p>HV Plug to Outlet (extension) Art.nr.: 545205BL1500</p>	<p>6 Way Distributor to Europlug Art.nr.: 599305BL0000</p>	<p>6 Way Distributor to GST18 Plug Art.nr.: 609305BL0000</p>
<p>15</p>	<p>4 1.0m</p>	<p>4 1.0m</p>
<p>Dimming cable (for improved dimming performances) Art.nr.: 585205BL0000</p>	<p>6 Way Distributor to Connection box Art.nr.: 619305BL0000</p>	<p>6 Way Distributor to Connection box Art.nr.: 619305BL0000</p>

