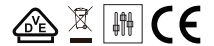


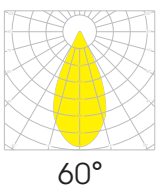
UGR<16

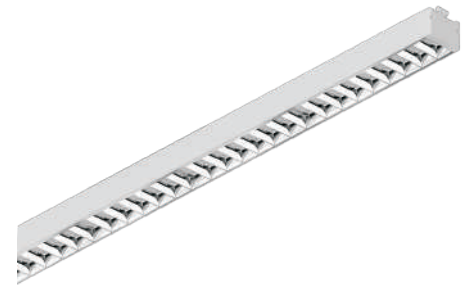
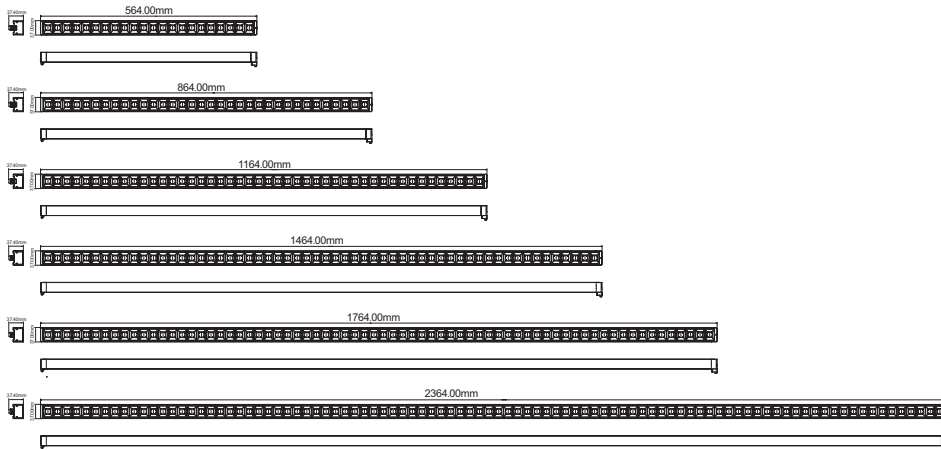


## General information

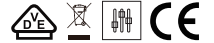
<b>Applications</b>	Panel light   Linear light   Recessed light   Surface light   Floor light
<b>Cap base</b>	GR6d
<b>Mounting method</b>	Press in   Press out
<b>Switch cycle</b>	50000 times
<b>Nominal life span</b>	50000 hours (L90B50)
<b>Operating temperature</b>	-20 - 35 °C
<b>Storage temperature</b>	-20 - 80 °C
<b>Housing material</b>	Aluminim
<b>Housing finish</b>	White   Black
<b>Approval</b>	RoHS, CE, VDE
<b>Colour temperature</b>	3000K   4000K   5000K   6000K
<b>Beam angle</b>	60°, UGR<16
<b>Rated luminous efficacy</b>	130 lm/W
<b>Colour Rendering Index</b>	>80
<b>Colour tolerance</b>	< 5 SDCM
<b>Dimmable</b>	Yes
<b>Operating mode</b>	Constant current
<b>Input frequency</b>	50/60 Hz
<b>Length</b>	0.6M   0.9M   1.2M   1.5M   1.8M   2.4M
<b>Max. luminous flux</b>	2860 lm   3900 lm   4550 lm   6500 lm   7800 lm   9100 lm
<b>Max. voltage</b>	24 V~48 V
<b>Max. current</b>	800mA   600mA   800mA   1100mA   1200mA   1600mA
<b>Max. wattage</b>	22 W   30 W   35 W   50 W   60 W   70 W
<b>Net length</b>	564 mm   864 mm   1164 mm   1464 mm   1764 mm   2364 mm
<b>Net width</b>	37.00 mm
<b>Net height</b>	37.40 mm
<b>Net weight</b>	0.3 kg   0.45 kg   0.6 kg   0.75 kg   0.9 kg   1.2 kg

## light distribution curve





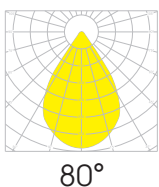
UGR<19



## General information

<b>Applications</b>	Panel light   Linear light   Recessed light   Surface light   Floor light
<b>Cap base</b>	GR6d
<b>Mounting method</b>	Press in   Press out
<b>Switch cycle</b>	50000 times
<b>Nominal life span</b>	50000 hours (L90B10)
<b>Operating temperature</b>	-20 - 35 °C
<b>Storage temperature</b>	-20 - 80 °C
<b>Housing material</b>	Aluminum
<b>Housing finish</b>	White   Black
<b>Approval</b>	RoHS, CE, VDE
<b>Colour temperature</b>	3000K   4000K   5000K   6000K
<b>Beam angle</b>	80°, UGR<19
<b>Rated luminous efficacy</b>	140 lm/W
<b>Colour Rendering Index</b>	>80
<b>Colour tolerance</b>	< 5 SDCM
<b>Dimmable</b>	Yes
<b>Operating mode</b>	Constant current
<b>Input frequency</b>	50/60 Hz
<b>Length</b>	0.6M   0.9M   1.2M   1.5M   1.8M   2.4M
<b>Max. luminous flux</b>	3080 lm   4200 lm   4900 lm   7000 lm   8400 lm   9800 lm
<b>Max. voltage</b>	24 V~48 V
<b>Max. current</b>	800mA   600mA   800mA   1100mA   1200mA   1600mA
<b>Max. wattage</b>	22 W   30 W   35 W   50 W   60 W   70 W
<b>Net length</b>	564 mm   864 mm   1164 mm   1464 mm   1764 mm   2364 mm
<b>Net width</b>	37.00 mm
<b>Net height</b>	37.40 mm
<b>Net weight</b>	0.3 kg   0.45 kg   0.6 kg   0.75 kg   0.9 kg   1.2 kg

## light distribution curve



80°