

OMEGA

Vapour Proof



Humid/ Moist Environment For Indoor and Outdoor Use

OMEGA is a LED based luminaire suitable for mounting in the humid and moist environment. It can also be installed in the places where dust, smoke and suspended particles are present in the air. OMEGA has a limited surface temperature and is suitable for premises where dust or fibres can create a fire risk. The aesthetically pleasing design and sleek body also makes it suitable for installation in offices.

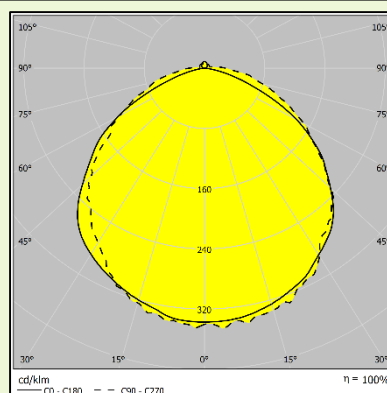
The body of the luminaire is made of polycarbonate with IP65 protection offering safety from the water and dust ingress and also provides an impact rating of IK10.

Omega can be mounted on the wall, ceiling or can be suspended with the help of mounting clips which are standard accessories.

OMEGA offers a 1:1 replacement for the fluorescent lamp and provides several advantages against the conventional lighting. It also gives a huge saving over the conventional lighting.



LIGHT DISTRIBUTION CURVE



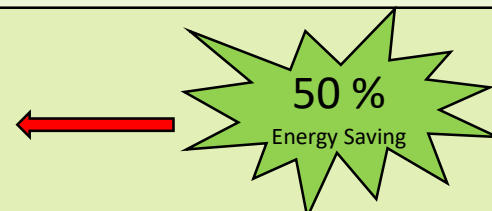
APPLICATIONS

Car Parks
Warehouse
Production Halls
Workshops
Paint Shops
Kitchens
Freezer Rooms
Cement Plants
Offices

PARAMETER	SPECIFICATIONS
Input Voltage	150V-265V AC
Power Factor@ 230VAC	> 0.9
Lumen Efficacy	> 105 Lumens per Watt
Colour Temperatures	3000K/ 4000K/ 6000K
CRI	> 80
Impact Protection	IK10
Ingress Protection	IP65

Product Performance Comparison vs Conventional Lighting

	2 x T8 72W	LED 36W
System Power	80W	36W
Power Consumption/year*	233.6 kWh	105.1 kWh
Electricity Costs/year**	1868.8	840.96
CO2 emission/year***	137.8 kg	62 kg
Total cost savings/year		1027.84



* Operating hours (2920 h per year)
 ** Electricity rate of Rs. 8 /kWh
 *** CO2 -emission 590 g/kWh