

HELIDECK LIGHTING – SYSTEM OVERVIEW

Touchdown Circle Lighting

The Touchdown Circle Lighting comprises of individual 0.5m light units grouped in pairs to create separate 1m long sections. The Touchdown Circle lighting is intended to be positioned at the mean radius of the painted circle on a helipad deck. Light Units are equally spaced around the circle to provide a minimum of 50% light coverage. To achieve intensity for the required flight elevation, each light unit is populated with yellow high power LEDs Each LED uses has a narrow beam format, so minimum light emissions are present in the vertical direction, to meet the reduced intensity response with increased elevation angles (so as not to dazzle the approaching pilot).

Helipad 'H' Identification Marking

The Helipad Identification Marking 'H' is constructed from 42 light fittings that when assembled, create a 4m x 3m illuminated 'H'. The light units which are identical in construction to the Touchdown Circle lights are populated with green high power LEDs. Each green LED has a narrow beam format which allows reduced light emission in the vertical direction.