

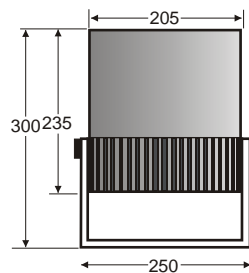
Metal halide uplighting for larger trees

Two E9324-150 uplighting a 30m high cedar of lebanon



Spot70 and **Spot150** are surface-mount uplights with adjustable stirrup bracket for mounting on walls or the optional **E9300** 40cm or **E9301** 26cm ground spike. They are available in 70w and 150w versions using a double-ended metal halide lamp and polished reflector to project a 40° symmetric circular beam for uplighting larger trees: the central 40° beam is ideal for uplighting from below and is complemented by peripheral light spread for coverage of canopies. The cast aluminium body and stirrup bracket are powder coated in a matt dark grey finish which is discretely recessive in garden settings.

Order lamp separately:
CDM-TD70 70w or
CDMTD150 150w.



E9324-70	Spot70	70w
E9324-150	Spot150	150w
240v	MH	70w 150w IP66

- ▶ Where the shape of the tree falls within a 35-45° arc, use a single medium beam uplight such as *Spot* or *Coolie70*.
- ▶ If the tree has a wider spread, especially over 10m, use 2 or more *Spot* or *Coolie70* uplights for a fuller effect.
- ▶ Where the outer canopy is dense and the inner canopy & structure is more open, uplight the central trunk & branches with a medium beam *Spot* or *Coolie70* uplight and position *Wash* asymmetric floodlights or *Coolie35* recessed asymmetric uplights to illuminate the outer canopy.
- ▶ When foliage is especially dense, as in conifers, and the feasible position of the light is just outside the canopy or you want to “graze” up the foliage surface to emphasise texture, you need a floodlight that will light the bottom of the canopy but “stretch” the light beam towards the top, which is what an asymmetric beam *Wash* or *Coolie35* will do.
- ▶ Use a symmetric beam floodlight where the light stands back from the tree and is hidden behind a landscape feature.
- ▶ Use more high power lights for dark foliage, eg copper beech.

Lighting tips for larger trees

Part number	Tree height:	10 -15m	16 -20m	21 -25m	26 -30m
Symmetric beam uplights (for lighting from directly underneath)					
E9012	Coolie 70		*		
E9324-70	Spot70	*	*		
E9324-150	Spot150			*	*
Asymmetric beam uplights/floodlights (for lighting from just in front)					
E9323-70	Wash 70	*	*		
E9323-150	Wash150			*	*
E9212	Coolie 35A	*			
Symmetric floodlighting @ 45 degrees from horizontal					
E9322-70	Flood70	*			
E9322-150	Flood150		*	*	



Advice is for general guidance and subject to branch & canopy structure and foliage density, colour and translucence. Look up through the tree you propose to light - if you can see up through the branches, then light will penetrate the canopy and structure as well. If not, use floodlights or asymmetric uplights to light the tree externally. Lighting large trees is a black art: test the position of uplights with a temporary wiring set-up before final installation.