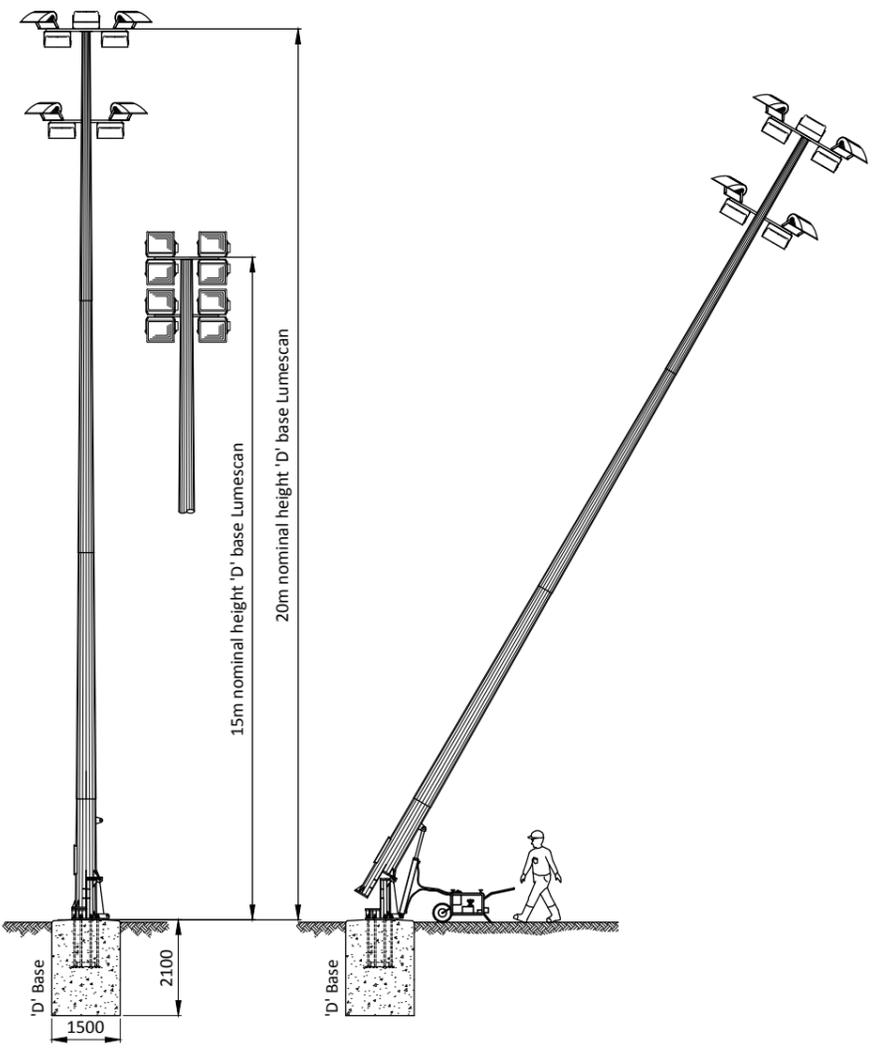


GUIDE TO PERMITTED HEADLOADS		F1 BASE			E1 BASE			D1 BASE		
FLOODLIGHTS AND SUPPORT BRACKETS ETC. OR OTHER HEADMOUNTED EQUIPMENT	COLUMN HEIGHT - METRES	30	25	20	25	20	15	20	14.5	10
	MAX. PROJECTED WINDAGE AREA m ²	2.20	3.70	6.00	2.37	4.14	7.08	2.60	4.60	9.16
	PERMITTED TOTAL MASS - KGS	200	350	600	230	400	700	200	380	770

GENERAL SPECIFICATION

- SCOPE: for use in the floodlighting of sports and leisure arenas, construction sites, dock, railway, petrochemical or other industrial, areas, but not for roadway or street lighting.
- DESIGN AND MATERIALS: generally as I.P.L.E. technical report No. 7: 1984. Steel materials to BS EN 10025:s275. Hot dip galvanised throughout as bs en iso 1461 after fabrication. Holding-down bolts self-colour.
- CAPACITY: guide values shown to basic wind speeds not exceeding 46 metres/sec. For other locations ask for further information.
- CONSTRUCTION: folded and welded shells making eighteen-sided tapered steel sections upto 5.9 metres long. Split-style pedestal incorporates ventilation for control gear, with open base-flange and in-situ hinge.
- ELECTRICAL HOUSING / ACCESS: gear mounting facility provided on upto three rail-mounted sliding end to end steel trays separately retained in position. additional tray in pedestal provides space and mounting for cable entry and glanding. With column erect access also available through aperture.



- ERECTION / MAINTENANCE UNIT: self-contained mobile raise and lower unit comprises hydraulic pump driven by a hand start 'Honda' petrol engine, coupled by flexiabic hoses to raise and lower cylinder, which are fitted eith restrictors for hose failure protection. Diesel and electric version also available. Where required quick release couplings can be installed to provide sites with mixed duty columns to use the same power pack. A single unit serves any group of columns, with a single person required for on going maintence of the floodlighting system. Typical time to raise or lower column less than four minutes after coupling up.
- FOUNDATIONS: all column bases are retained using self colour holding-down bolts. Block dimensions illustrated are suggested only in good cohesive soil. Loading details or alternative proposals are available on request.