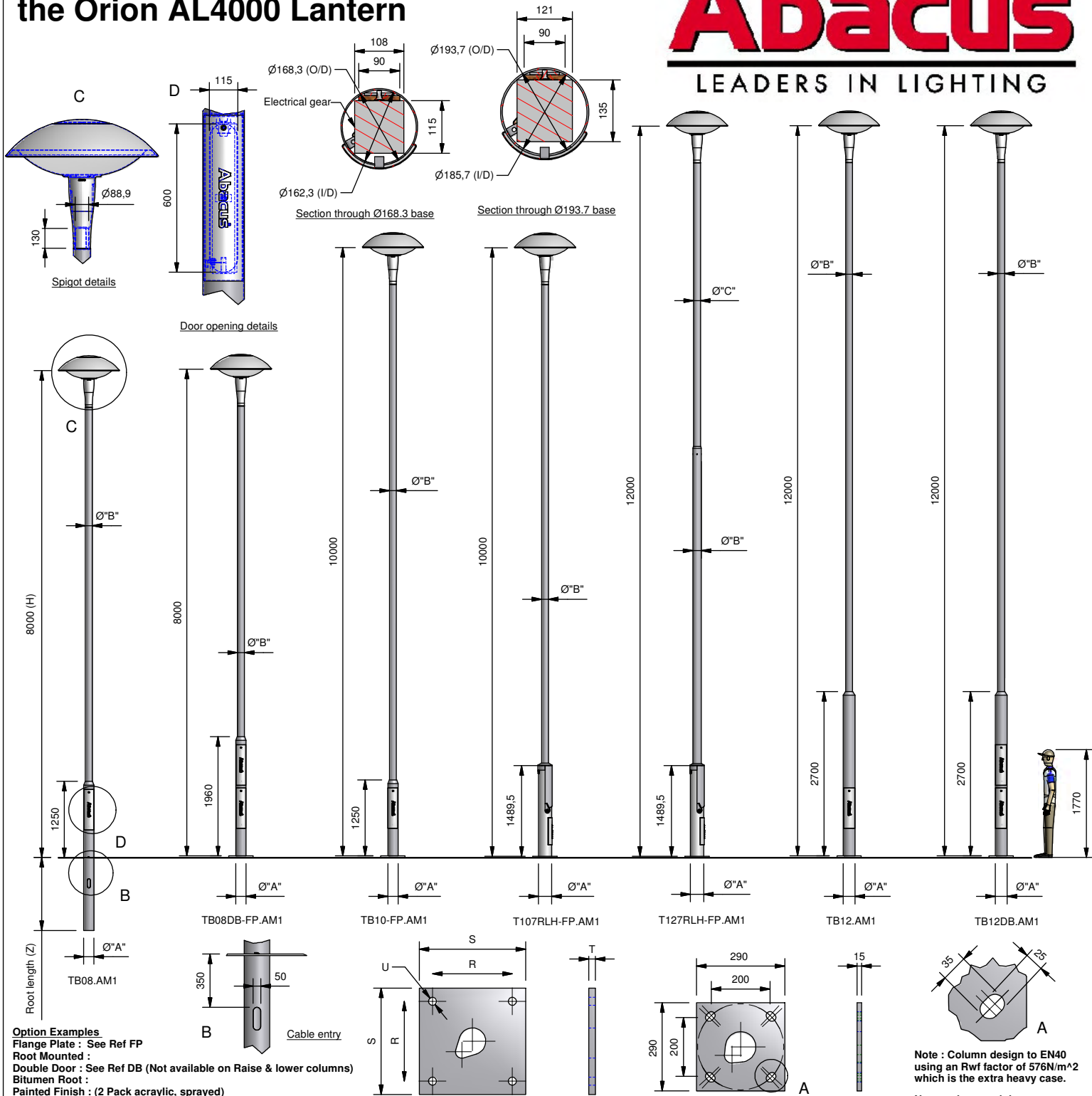


Lighting Column Range for the Orion AL4000 Lantern



Note : Column design to EN40 using an Rwf factor of 576N/m² which is the extra heavy case.
Note: column weight does not include fitting

Base Hinged Columns														
Column Ref	H (mm)	Dia "A"	Dia "B"	Dia "C"	Z (mm)	R	S	T	U	Foundation bolts	O.T.M. (KNm)	Shear (KN)	Approx. Weight (Kg)	Lantern
T088RLH.AM1	8000	168.3	114.3	*****	1200	*****	*****	*****	*****	*****	7.679	1.437	92	AL4000
T088RLH-FP.AM1	8000	168.3	114.3	*****	*****	200	290	15	25x35 Slots	4No. M20x500mm long Grd 4.6	7.679	1.437	86	AL4000
T107RLH.AM1	10000	219.1	114.3	*****	1500	*****	*****	*****	*****	*****	13.279	2.013	161.6	AL4000
T107RLH-FP.AM1	10000	219.1	114.3	*****	*****	300	400	20	30 Dia	4No. M24x600mm long Grd 4.6	13.279	2.013	153	AL4000
T127RLH.AM1	12000	219.1	139.7	114.3	1700	*****	*****	*****	*****	*****	14.04	1.907	203.6	AL4000
T127RLH-FP.AM1	12000	219.1	139.7	114.3	*****	300	400	20	30 Dia	4No. M24x600mm long Grd 4.6	14.04	1.907	190.8	AL4000

Fixed Columns														
Column Ref	H (mm)	Dia "A"	Dia "B"	Dia "C"	Z (mm)	R	S	T	U	Foundation Bolts	O.T.M. (KNm)	Shear (KN)	Approx. Weight (Kg)	Lantern
TB06.AM1	6000	168.3	114.3	*****	1000	*****	*****	*****	*****	*****	8.942	1.794	63	AL4000
TB06-FP.AM1	6000	168.3	114.3	*****	*****	300	400	15	30 Dia	4No. M24x600mm long Grd 4.6	8.942	1.794	73.5	AL4000
TB06DB.AM1	6000	168.3	114.3	*****	1000	*****	*****	*****	*****	*****	8.941	1.787	74	AL4000
TB06DB-FP.AM1	6000	168.3	114.3	*****	1000	300	400	15	30 Dia	4No. M24x600mm long Grd 4.6	8.941	1.787	81	AL4000
TB08.AM1	8000	168.3	114.3	*****	1200	*****	*****	*****	*****	*****	8.832	1.575	83.7	AL4000
TB08-FP.AM1	8000	168.3	114.3	*****	*****	300	400	15	30 Dia	4No. M24x600mm long Grd 4.6	8.832	1.575	98.2	AL4000
TB08DB.AM1	8000	168.3	114.3	*****	1200	*****	*****	*****	*****	*****	13.711	2.176	98.8	AL4000
TB08DB-FP.AM1	8000	168.3	114.3	*****	*****	300	400	15	30 Dia	4No. M24x600mm long Grd 4.6	13.711	2.176	108	AL4000
TB10.AM1	10000	168.3	114.3	*****	1500	*****	*****	*****	*****	*****	12.758	1.91	114.2	AL4000
TB10-FP.AM1	10000	168.3	114.3	*****	*****	300	400	20	30 Dia	4No. M24x600mm long Grd 4.6	12.758	1.91	119.1	AL4000
TB10DB.AM1	10000	168.3	114.3	*****	1500	*****	*****	*****	*****	*****	13.611	1.988	120.2	AL4000
TB10DB-FP.AM1	10000	168.3	114.3	*****	*****	300	400	20	30 Dia	4No. M24x600mm long Grd 4.6	13.611	1.988	125	AL4000
TB12.AM1	12000	193.7	114.3	*****	1700	*****	*****	*****	*****	*****	15.669	2.133	157	AL4000
TB12-FP.AM1	12000	193.7	114.3	*****	*****	300	400	20	30 Dia	4No. M24x600mm long Grd 4.6	15.669	2.133	154	AL4000
TB12DB.AM1	12000	193.7	114.3	*****	1700	*****	*****	*****	*****	*****	15.681	2.137	160	AL4000
TB12DB-FP.AM1	12000	193.7	114.3	*****	*****	300	400	20	30 Dia	4No. M24x600mm long Grd 4.6	15.681	2.137	155	AL4000