

Aluminium column SAL-65

diameter 146 mm at the base plate



Technical data

Aluminium Column	SAL-65
Product code	42314
Column height H [m]	6,5
Wall thickness [mm]	4,2
Net weight [kg]	27,3
Volume [m ³]	0,287
Post top column	luminaires with Ø60 spigot entry with weight and windage not exceeding data in resistance calculations
Compatible extension arms	according to resistance calculations
Concrete footing / reinforcement basket	B-60 / Z-60
Concrete footing code/reinforcement basket code	311160 / 311206
Hot galvanized nut set /Hot galvanized ripable nut set	4008 / 4009

Resistance calculations

SAL-65 code 42314		acceptable windage of single luminaire [m ²] for Cx=0,7			
		Vref. = 22 m/s	Vref. = 24 m/s	Vref. = 26 m/s	Vref. = 28 m/s
extension arm type	acceptable weight of single luminaire	I zone, II location category	I and III zone, II location category to 450m AMSL	II zone, II location category	III zone, II location category to 755m AMSL
WA-01	10	0,67	0,52	0,34	0,28
WA-1	10	0,69	0,54	0,36	0,30
WA-2	10	0,54	0,41	0,24	0,19
WA-3	10	0,59	0,46	0,29	0,24
WA-4	10	0,44	0,32	0,17	x
WA-5/1	10	0,5	0,39	0,22	0,17
WA-5/2	8	0,16	x	x	x
WA-8/1	10	0,54	0,41	0,24	0,19
WA-8/2	8	0,17	x	x	x
WA-11/1	10	0,55	0,42	0,25	0,19
WA-11/2	8	0,18	x	x	x
WA-14/1	10	0,57	0,44	0,26	0,20
WA-14/2	8	0,19	x	x	x
WA-15/1 P	10	0,6	0,47	0,28	0,22
WA-15/1 U	15	0,42	0,31	0,16	x
WA-15/2	8/15	0,16	x	x	x
WA-20/1	10	0,31	0,22	x	x
WR-1/1	15	0,63	0,50	0,33	0,28
WR-1/2	15	0,25	0,19	x	x
WR-2/1	15	0,45	0,36	0,23	0,19
WR-2/2	15	0,19	0,13	x	x
WR-2/3	15	0,13	x	x	x
WR-3/1	15	0,42	0,33	0,21	0,17
WR-3/2	15	0,18	x	x	x

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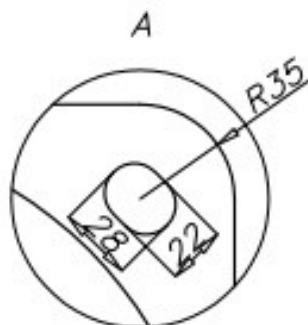
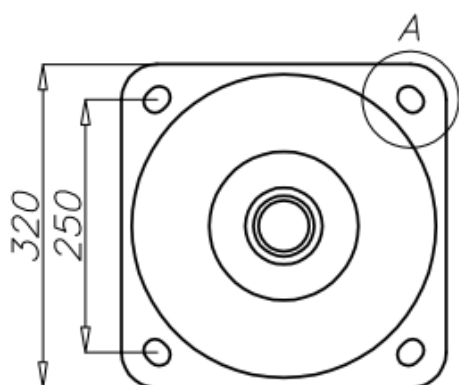
diameter 146 mm at the base plate



Resistance calculations

SAL-65 code 42314		acceptable windage of single luminaire [m ²] for Cx=0,7			
		Vref. = 22 m/s	Vref. = 24 m/s	Vref. = 26 m/s	Vref. = 28 m/s
extension arm type	acceptable weight of single luminaire	I zone, II location category	I and III zone, II location category to 450m AMSL	II zone, II location category	III zone, II location category to 755m AMSL
WR-4/1	15	0,6	0,48	0,32	0,27
WR-4/2	15	0,25	0,19	x	x
WR-5A/1	15	0,46	0,36	0,21	0,17
WR-5A/2	15	0,17	x	x	x
WR-6A/1	15	0,55	0,43	0,27	0,23
WR-8/1	15	0,28	0,18	x	x
WR-8A/1	15	0,48	0,37	0,22	0,17
WR-9/1	15	0,26	0,17	x	x
WR-12/1	15	0,3	0,20	x	x
WR-13/1	15	0,45	0,34	0,19	0,14
WR-13/2	15	0,15	x	x	x
WR-14/1	15	0,37	0,29	0,17	0,14
WR-15/1	15	0,44	0,34	0,21	0,17
WR-15/2	15	0,19	x	x	x
WR-17/1	10	0,17	x	x	x
WR-18	15	0,23	0,15	x	x
WR-18A	15	0,15	x	x	x
WR-31	15	0,17	x	x	x
WR-61	15	0,23	0,14	x	x
WN-1	15	0,5 (Cx=1)	0,4 (Cx=1)	0,27 (Cx=1)	0,24 (Cx=1)
WN-2	15	0,22 (Cx=1)	0,18 (Cx=1)	x	x
WN-21	15	0,2 (Cx=1)	0,16 (Cx=1)	x	x

SAL-65 code 42314		acceptable windage of luminaires and extension arms [m ²] for Cx=1			
		Vref. = 22 m/s	Vref. = 24 m/s	Vref. = 26 m/s	Vref. = 28 m/s
acceptable mass of luminaires and extension arms [kg]		I zone, II location category	I and III zone, II location category to 450m AMSL	II zone, II location category	III zone, II location category to 755m AMSL
30		0,52	0,42	0,29	0,25



- surface: polished aluminium
- anodizing in 12 colours
- option of powder painting in RAL colours (other colours available on request)
- elastomer protection option in the color of the column to a height of 350 mm (other height on request)
- ROSA standard wiring chamber
- packing: sleeve material