

QUANTUM



microVos™

Adjustable surface-mounted technical projectors. New large premium projector, extending the family with stylish modern design, unique rotary thermal guard and up to 27,000 delivered lumens.



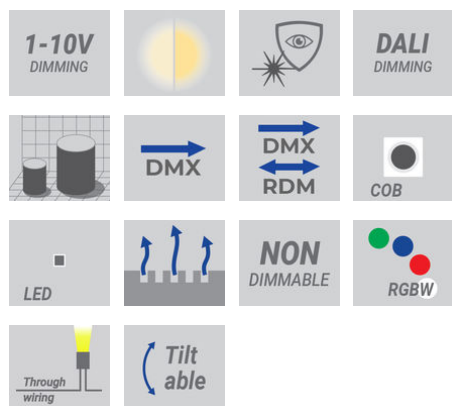
Luminaire Structure

- Die-cast aluminium housing
- Pre-treated before powder coating ensuring high corrosion resistance
- Single cable entry, through wiring upon request
- One IP68 connector supplied with 0.2 m of 3x1.0 sqmm outdoor cable for QA-50001, QA-50003, QA-50011, QA-50013, QA-50021

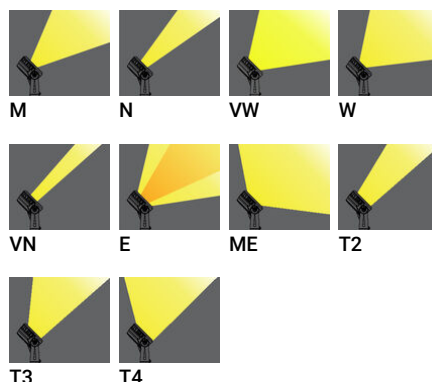
- Three IP68 connectors supplied with 0.2 m of 3x1.0 sqmm outdoor cable and 2x0.2 m of 2x0.5 sqmm outdoor shielded cable for QA-50004, QA-50015, QA-50022
- Stainless steel fasteners in grade 304 with zinc flake coating (ZFC)
- Durable silicone rubber gasket
- High-efficiency optical reflector

- High-efficiency PMMA lens
- Clear toughened glass
- Integral control gear

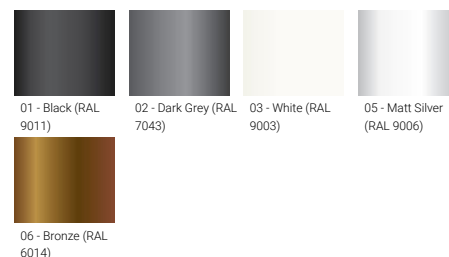
Feature



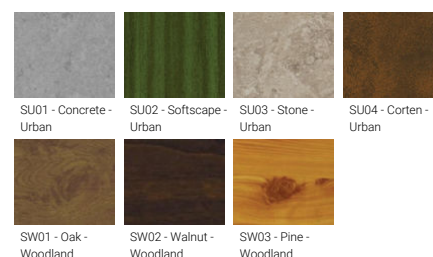
Light symbol



Product colour



Special finishes upon request



Technical information

	Model number	Light source	Power	Lumen	Optic	CCT / CRI	Dimming type	Weight
Large								
QUANTUM 3	QA-50021	96 LED	269 W	20759 - 27436 lm	E [44°x13°], M [18°], ME [134°x35°], N [10°], T2 [141°x49°], T3 [138°x65°], T4 [96°x76°], VW [70°], W [26°]	3000K CRI80, 4000K CRI80	DALI, 1-10V, On/Off	16.0 kg
Large - RGBW								
QUANTUM 3	QA-50022	96 LED	191 W	9027 - 12213 lm	E [44°x12°], M [18°], ME [136°x37°], N [10°], T2 [141°x51°], T3 [141°x70°], T4 [97°x75°], VW [71°], W [27°]	RGBW30, RGBW40	DMX, DMX/RDM	16.0 kg 
Medium								
QUANTUM 2	QA-50011	6 COB	83 W	7496 - 8132 lm	M [33°], N [24°], VW [76°], W [44°]	3000K CRI80, 4000K CRI80	DALI, 1-10V, On/Off	8.5 kg
QUANTUM 2	QA-50013	18 LED	76 W	6688 - 8899 lm	VN [8°]	3000K, 4000K	DALI, 1-10V, On/Off	8.5 kg
Medium - RGBW								
QUANTUM 2	QA-50015	18 LED	77 W	2900 - 3580 lm	E [25° x 48°], M [35°], N [20°]	RGBW30, RGBW40	DALI, DMX/RDM	8.5 kg 
Small								
QUANTUM 1	QA-50003	7 LED	30 W	2597 - 2790 lm	VN [8°]	3000K, 4000K	DALI, 1-10V, On/Off	4.0 kg
Small ** Optic M W VW = 38 W, Optic N = 40 W								
QUANTUM 1	QA-50001	3 COB	38 W	4029 - 4532 lm	M [28°], N [21°], VW [75°], W [44°]	3000K CRI80, 4000K CRI80	DALI, 1-10V, On/Off	3.7 kg
Small - RGBW								
QUANTUM 1	QA-50004	7 LED	33 W	1113 - 1432 lm	E [26° x 48°], M [35°], N [21°]	RGBW30, RGBW40	DMX, DMX/RDM	4.0 kg 

Accessories

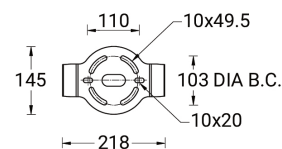
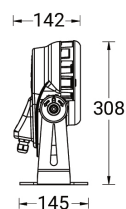
	 Anti-glare louvre A51421	 Linear spread lens A51514	 Anti-glare louvre A51521	 Linear spread lens A51614	 Linear spread lens A51714	 Anti-glare visor A53331	 Anti-glare louvre A53431
QA-50001	.			.			
QA-50003				.			
QA-50004							
QA-50011			.		.		
QA-50013					.		
QA-50015							
QA-50021		.				.	.
QA-50022							

	 Anti-glare hood A53531	 Anti-glare visor A53631	 Anti-glare hood A53731	 Anti-glare visor A53831	 Anti-glare hood A53931	 DALI Control System Control-DALI	 DMX Control System Control-DMX
QA-50001		•	•			•	
QA-50003		•	•			•	
QA-50004							•
QA-50011				•	•	•	
QA-50013				•	•	•	
QA-50015							•
QA-50021	•					•	
QA-50022							•

	 DMX/RDM Control System Control-DMX- RDM
QA-50001	
QA-50003	
QA-50004	•
QA-50011	
QA-50013	
QA-50015	•
QA-50021	
QA-50022	•

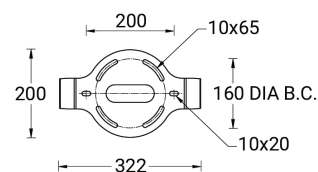
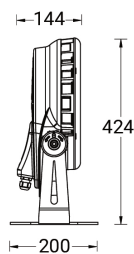
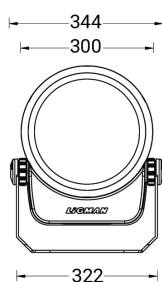
QUANTUM

QUANTUM 1



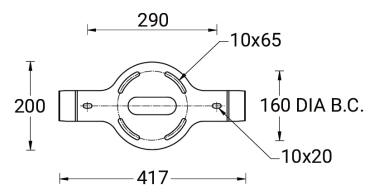
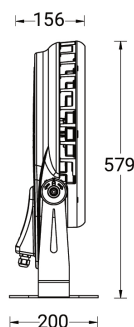
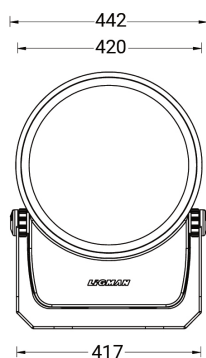
Mounting detail

QUANTUM 2



Mounting detail

QUANTUM 3



Mounting detail

QUANTUM



QUANTUM
Cluster column projectors

Adjustable column technical projector cluster solution. Flexible technical project solutions in attractive cluster arrangements using the stylish premium QUANTUM projectors.

<https://www.ligman.com/quantum-cluster-column-projectors-qua-pr3/>



QUANTUM
Street & area lighting luminaires

Adjustable column-mounted technical projector solution. Flexible technical project solutions in attractive column-downlight using the stylish premium QUANTUM projectors.

<https://www.ligman.com/quantum-street-area-lighting-luminaires-qu-st3/>



QUANTUM
Gobo projectors

Compact and powerful gobo projector, aluminium powder coated housing with IP66 protection. Three optional forward-lens focal lengths. Accepts both metal and glass standard size-M gobos.

<https://www.ligman.com/quantum-gobo-projectors-qagb-pr3/>