



Quantum

IP65

IK16 (150J)

Bulkhead

Class I

Recessed

Surface

HT50°C

Community and Public

Quantum is a vandal resistant bulkhead designed specifically for community and public applications.

Standard Colours

Matt White

Matt Silver

Matt Titanium

- Product Information

Quantum's opal diffuser provides a soft lit appearance, while providing uniform illumination, ensuring a consistent light distribution. Incorporating a removable gear tray ensures Quantum is quick and easy to maintain, whilst enabling sustainable technology upgrades.

Applications include the exterior and perimeter of buildings.

This luminaire is designed for longevity and sustainability and adheres to our circular design principles. We conduct a circular economy assessment using [TM66](#) and measure embodied carbon (kgCO₂e) in accordance with [TM65.2](#).

Impact Resistance Rating: IK16 (150J). [What is IK Rating?](#)

Ingress Protection Rating: IP65. [What is IP Rating?](#)

Housing: Die cast aluminium body.

Paint: Polyester powder coat. [All Colour Options Available Here.](#)

Diffuser: Opal polycarbonate diffuser in casting secured with tamperproof screws.

Driver: Electronic control gear on removable tray for ease of repair/upgrade with fused plug & socket connector block.

Mounting: Wall.

Cable Entry: Provision for conduit entry in back.

Design Life: 30+ years. [What is Design Life?](#)

■ Technical Information

Quantum	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
Opal				
QTM-1100N-X-MT	1150	14.1	82	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4	CRI>80	50	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	403	-
	Dimensions			
	Ø300mm, 145mm			
QTM-1400N-X-MT	1503	18.3	82	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4	CRI>80	50	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	403	-
	Dimensions			
	Ø300mm, 145mm			
QTM-1900N-X-MT	1855	23.8	78	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4	CRI>80	50	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	403	-
	Dimensions			
	Ø300mm, 145mm			
QTM-1100W-X-MT	1093	14.1	77	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4	CRI>80	50	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	382	-
	Dimensions			
	Ø300mm, 145mm			
QTM-1400W-X-MT	1428	18.3	78	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4	CRI>80	50	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	382	-
	Dimensions			
	Ø300mm, 145mm			

Quantum	Output (Lum/m)	Load (W)	Efficacy (lm/W)	CCT (K)
Opal				
QTM-1900W-X-MT	1762	23.8	74	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4	CRI>80	50	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/m)	Nightlight Output (Lum/m)
	100,000	D	382	-
	Dimensions			
	Ø300mm,145mm			

■ Fitting Options

Photo Cell	-PC
Semi-Recessed	-SR
Conduit Hole in One End	-1H
Conduit Hole in Both Ends	-2H
Change Over Relay, 240V Relay Supplied	-ER
Central Battery Maintained 110V	-EV
Maintained Emergency 3 Hour	-E3
Matt White	-MW
Matt Silver	-MS
Matt Titanium	-MT

- For paint colour options, please replace -MT with required paint code.
- HT Applies to standard version. For any options (e.g. -E3), please contact technical sales on +44 (0)20 8254 2022 or email technical@designplan.co.uk.
- -1H please note this is on the left hand side.

