



Zelos Wall

IP66

IK16 (150J)

Bulkhead

Class I

Surface

HT40°C

Community and Public

Custodial

Secure Healthcare

Transport

Zelos Wall is a vandal resistant bulkhead specifically designed for challenging environments, such as secure healthcare and custodial facilities, transport applications and community and public installations.

Standard Colours

Matt Black

Matt White

Matt Silver

Matt Titanium

Product Information

Zelos Wall's frosted or opal diffuser provides a soft lit appearance, while providing uniform illumination, ensuring a consistent light distribution, with minimal upward light. Incorporating a removable gear tray ensures Zelos Wall is quick and easy to maintain, whilst enabling sustainable technology upgrades. Community and Public applications include the perimeter of buildings. Transport applications include open platforms, station forecourts, open car parks, stairs and footbridges. Secure Health applications include exercise and activity areas.

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: IP66. [What is IP Rating?](#)

Housing: Die cast aluminium body.

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

Diffuser: Frosted, opal or clear 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**

ZelosWall	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
Opal				
TLSW-1100N-X-MT	1154	13.4	86	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	404	-
	Dimensions			
	162mm x 300mm x 182mm			
TLSW-1500N-X-MT	1516	17.6	86	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	404	-
	Dimensions			
	162mm x 300mm x 182mm			
TLSW-1900N-X-MT	1939	22.9	85	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	404	-
	Dimensions			
	162mm x 300mm x 182mm			
TLSW-1100W-X-MT	1096	13.4	82	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	383	-
	Dimensions			
	162mm x 300mm x 182mm			
TLSW-1500W-X-MT	1440	17.6	82	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	383	-
	Dimensions			
	162mm x 300mm x 182mm			

ZelosWall	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
Opal				
TLSW-1900W-X-MT	1842	22.9	80	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	383	-
	Dimensions			
	162mm x 300mm x 182mm			
Frosted				
TLSW-2000N-F-MT	1329	17.6	76	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	40	L70B10>102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	F	367	-
	Dimensions			
	162mm x 300mm x 182mm			
TLSW-2500N-F-MT	1567	21	75	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	40	L70B10>102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	F	367	-
	Dimensions			
	162mm x 300mm x 182mm			
TLSW-3000N-F-MT	2003	28.4	71	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	40	L70B10>102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	F	367	-
	Dimensions			
	162mm x 300mm x 182mm			
TLSW-2000W-F-MT	1263	17.6	72	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	40	L70B10>102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	F	348	-
	Dimensions			
	162mm x 300mm x 182mm			

ZelosWall	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
Frosted				
TLSW-2500W-F-MT	1489	21	71	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	40	L70B10>102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	F	348	-
	Dimensions			
	162mm x 300mm x 182mm			
TLSW-3000W-F-MT	1903	28.4	67	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	40	L70B10>102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	F	348	-
	Dimensions			
	162mm x 300mm x 182mm			
Clear, Extra Wide Optic				
TLSW-1100NXW-C-MT	1045	16.4	64	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	-	L70B10>102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	F	340	-
	Dimensions			
	162mm x 300mm x 182mm			
TLSW-1500NXW-C-MT	1444	22.7	64	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	-	L70B10>102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	F	340	-
	Dimensions			
	162mm x 300mm x 182mm			
TLSW-1900NXW-C-MT	1817	28.6	64	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	-	L70B10>102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	F	340	-
	Dimensions			
	162mm x 300mm x 182mm			

ZelosWall	Output (Lum/m)	Load (W)	Efficacy (lm/W)	CCT (K)
Clear, Extra Wide Optic				
TLSW-1100WXW-C-MT	993	16.4	61	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	-	L70B10>102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/m)	Nightlight Output (Lum/m)
	100,000	F	323	-
	Dimensions			
	162mm x 300mm x 182mm			
TLSW-1500WXW-C-MT	1372	22.7	60	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	-	L70B10>102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/m)	Nightlight Output (Lum/m)
	100,000	F	323	-
	Dimensions			
	162mm x 300mm x 182mm			
TLSW-1900WXW-C-MT	1726	28.6	60	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.2	CRI>80	-	L70B10>102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/m)	Nightlight Output (Lum/m)
	100,000	F	323	-
	Dimensions			
	162mm x 300mm x 182mm			

Fitting Options

Photo Electronic Cell	-PC
Conduit Hole - Top of Fitting	-TH
Ski-Slope Body	-SK
Conduit Hole in Both Ends	-2H
DALI-2 Dimming / Monitoring	-DA
Maintained Emergency 3 Hour, Self Test	-ES
Change Over Relay, 240V Relay Supplied	-ER
Central Battery Maintained 110V	-EV
Maintained Emergency 3 Hour, DALI	-ED
Maintained Emergency 3 Hour	-E3
Matt Black	-MB
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.
- For -PC option, Zelos Wall will be IP65 because the photocell lens is rated to IP65.

