

## Product Information

Zelos Beam's specifically designed optics provides up to 8 metre spacings on typical pathway applications (15 lux average and 0.25 uniformity), with minimal upward light. It has been tested to withstand crowd loading up to 1.5kN/m. Incorporating a removable gear tray ensures Zelos Beam is quick and easy to maintain, whilst enabling sustainable technology upgrades.

Community and Public applications include the perimeter of buildings. Transport applications include station forecourts and open car parks.

**Impact Resistance Rating:** IK16 (150J). More information, CLICK HERE.

**Ingress Protection Rating:** IP66. More information, CLICK HERE.

**Housing:** Extruded aluminium body with die cast aluminium head.

**Paint:** Polyester powder coat. For all colours available, CLICK HERE.

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

**Driver:** Electronic control gear on removable tray with fused plug and socket connector block.

Mounting: Integral baseplate\*.

Cable Entry: Pre-wired with 500m flying lead.

Additional Information: We recommend that a root mount is installed to ensure the strength and to optimise installation (Root mounting brackets are available as a chargeable extra – see options).

## Technical Information

ZelosBeam	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	сст (к)	
	Catput (Eam), mily	2000(11)		551 (1.7)	
Opal					
TLSBB-1100N-X-MT	931	9.5	98	4000	
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime	
	15	CRI>80		L70B10>110,000h	
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/lm)	
	100,000	D	404	-	
	Dimensions				
	315mm x 230mm x 1000mm (Single head	d), 315mm x 335mm x 1000mm (	Double head)		
TLSBB-1400N-X-MT	1154	13.4	86	4000	
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime	
	15	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				
	315mm x 230mm x 1000mm (Single head	i), 315mm x 335mm x 1000mm (	Double head)		
TLSBB-1100W-X-MT	884	9.5	93	3000	
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime	
	15	CRI>80		L70B10>110,000h	
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/lm)	
	Driver lifetime (up to hours) 100,000	LED Energy Rating	Emergency Output (Lum/Im) 383	Nightlight Output (Lum/lm) -	
				Nightlight Output (Lum/Im) -	
	100,000	D	383	Nightlight Output (Lum/Im) -	
TLSB8-1400W-X-MT	100,000 Dimensions	D	383	Nightlight Output (Lum/Im)  - 3000	
TLSBB-1400W-X-MT	100,000  Dimensions  315mm x 230mm x 1000mm (Single head	D I), 315mm x 335mm x 1000mm (i	383 Double head)		
TLSB8-1400W-X-MT	Dimensions 315mm x 230mm x 1000mm (Single head	D 1), 315mm x 335mm x 1000mm ( 13.4	383 Double head) 82	3000	
TLSB8-1400W-X-MT	100,000  Dimensions  315mm x 230mm x 1000mm (Single head  1096  Weight (kg)	D 9), 315mm x 335mm x 1000mm ( 13.4 CRI	383 Double head) 82	3000 LED Lifetime	
TLSBB-1400W-X-MT	100,000  Dimensions  315mm x 230mm x 1000mm (Single head  1096  Weight (kg)	D  1), 315mm x 335mm x 1000mm (  13.4  CRI  CRI>80	383  Double head)  82  High Temp (*C) -	3000 LED Lifetime L7 8B10>110,000h	
TLSBB-1400W-X-MT	100,000  Dimensions  315mm x 230mm x 1000mm (Single head  1096  Weight (kg)  15  Driver lifetime (up to hours)	D  9), 315mm x 335mm x 1000mm (v  13.4  CRI  CRI>80  LED Energy Rating	383  Couble head)  82  High Temp (°C)  -  Emergency Output (Lum/im)	3000 LED Lifetime L7 8B10>110,000h	
TLSBB-1400W-X-MT	100,000  Dimensions  315mm x 230mm x 1000mm (Single head  1096  Weight (kg)  15  Driver lifetime (up to hours)  100,000	D  13.4  CRI  CRI>80  LED Energy Rating	383  Double head)  82  High Temp (°C)  -  Emergency Output (Lum/im)  383	3000 LED Lifetime L7 8B10>110,000h	
TLSBB-1400W-X-MT  Clear, Extra Wide Optic	100,000  Dimensions  315mm x 230mm x 1000mm (Single head  1096  Weight (kg)  15  Driver lifetime (up to hours)  100,000  Dimensions	D  13.4  CRI  CRI>80  LED Energy Rating	383  Double head)  82  High Temp (°C)  -  Emergency Output (Lum/im)  383	3000 LED Lifetime L7 8B10>110,000h	
	100,000  Dimensions  315mm x 230mm x 1000mm (Single head  1096  Weight (kg)  15  Driver lifetime (up to hours)  100,000  Dimensions	D  13.4  CRI  CRI>80  LED Energy Rating	383  Double head)  82  High Temp (°C)  -  Emergency Output (Lum/im)  383	3000 LED Lifetime L7 8B10>110,000h	
Clear, Extra Wide Optic	100,000  Dimensions  315mm x 230mm x 1000mm (Single head  1096  Weight (kg)  15  Driver lifetime (up to hours)  100,000  Dimensions  315mm x 230mm x 1000mm (Single head	D  13.4  CRI  CRI>80  LED Energy Rating  D	383  Couble head)  82  High Temp (°C)  -  Emergency Output (Lum/Im)  383  Couble head)	3000  LED Lifetime  L 7 6B3 +> > > 110, 000h  Nightlight Output (Lum/Im)  .	
Clear, Extra Wide Optic	Dimensions  315mm x 230mm x 1000mm (Single head 1096  Weight (kg)  15  Driver lifetime (up to hours) 100,000  Dimensions 315mm x 230mm x 1000mm (Single head 603	D  13.4  CRI  CRI>80  LED Energy Rating  D  13.4  4  4  4  4  4  4  4  4  4  4  4  4	383  Double head)  82  High Temp (°C)  -  Emergency Output (Lum/Im)  383  Double head)	3000  LED Lifetime  L7 oB1 o> 118, 000h  Nightlight Output (Lum/lm)  -	
Clear, Extra Wide Optic	100,000  Dimensions  315mm x 230mm x 1000mm (Single head  1096  Weight (kg)  15  Driver lifetime (up to hours)  100,000  Dimensions  315mm x 230mm x 1000mm (Single head  603  Weight (kg)	D  13.4  CRI  CRI>80  LED Energy Rating  D  3), 315mm x 335mm x 1000mm (iii), 315mm x 335mm x 1000mm (iiii), 315mm x 335mm x 1000mm (iiii), 315mm x 335mm x 1000mm (iiiii), 315mm x 335mm x 1000mm (iiiiii), 315mm x 335mm x 1000mm (iiiiiii), 315mm x 335mm x 1000mm (iiiiiiii), 315mm x 335mm x 1000mm (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	383  Double head)  82  High Temp (°C)  -  Emergency Output (Lum/Im)  383  Double head)	3000  LED Lifetime  L * 6B * > > > 110, 000h  Nightlight Output (Lum/lm)  -  4000  LED Lifetime	
Clear, Extra Wide Optic	Dimensions  315mm x 230mm x 1000mm (Single head 1096  Weight (kg)  15  Driver lifetime (up to hours) 100,000  Dimensions 315mm x 230mm x 1000mm (Single head 603  Weight (kg)  15	D  13.4  CRI  CRI-80  LED Energy Rating  D  9), 315mm x 335mm x 1000mm (  8.4  CRI  CRI  CRI  CRI-80	383  Double head)  82  High Temp (°C)  -  Emergency Output (Lum/Im)  383  Double head)  72  High Temp (°C)  -	3000  LED Lifetime  L7 0B1 0> 110, 000h  Nightlight Output (Lum/im)  -  4000  LED Lifetime  L7 0B1 0> 102, 000h	
Clear, Extra Wide Optic	100,000  Dimensions  315mm x 230mm x 1000mm (Single head  1096  Weight (kg)  15  Driver lifetime (up to hours)  100,000  Dimensions  315mm x 230mm x 1000mm (Single head  603  Weight (kg)  15  Driver lifetime (up to hours)	D  13.4  CRI  CRI>80  LED Energy Rating  D  8.4  CRI  CRI  CRI>80  LED Energy Rating  D  LED Energy Rating	383  Couble head)  82  High Temp (°C)  -  Emergency Output (Lum/Im)  383  Couble head)  72  High Temp (°C)  -  Emergency Output (Lum/Im)		
Clear, Extra Wide Optic	Dimensions  315mm x 230mm x 1000mm (Single head 1096  Weight (kg)  15  Driver lifetime (up to hours)  100,000  Dimensions  315mm x 230mm x 1000mm (Single head 603  Weight (kg)  15  Driver lifetime (up to hours)	D  13.4  CRI  CRI>80  LED Energy Rating  D  8.4  CRI  CRI  CRI  CRIPATION TO THE PROPERTY OF T	383  Couble head)  82  High Temp (°C)  -  Emergency Output (Lum/Im)  383  Couble head)  72  High Temp (°C)  -  Emergency Output (Lum/Im)  340		

ZelosBeam	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	сст (к)	
Clear, Extra Wide Optic					
TLSBB-1500NXW-C-MT	1045	16.4	64	4000	
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime	
	15	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				
	315mm x 230mm x 1000mm (Single head), 3	15mm x 335mm x 1000mm (Do	uble head)		
TLSBB-1000WXW-C-MT	573	8.4	68	3000	
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime	
	15	CRI>80	-	L70B10>102,000h	
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/lm)	
	100,000	F	323	-	
	Dimensions				
	315mm x 230mm x 1000mm (Single head), 3	15mm x 335mm x 1000mm (Do	uble head)		
TLSBB-1500WXW-C-MT	993	16.4	61	3000	
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime	
	15	CRI>80	-	L70B10>102,000h	
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/lm)	
	100,000	F	323	-	
	Dimensions				
	315mm x 230mm x 1000mm (Single head), 315mm x 335mm x 1000mm (Double head)				
Opal, Double-headed					
TLSBBD-1100N-X-MT	931/931	19	98	4000	
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime	
	18.2	CRI>80	-	L78B18>110,000h	
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)	
	100,000	D	404	-	
	Dimensions				
	315mm x 230mm x 1000mm (Single head), 315mm x 335mm x 1000mm (Double head)				
TLSBBD-1400N-X-MT	1154/1154	26.8	86	4000	
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime	
	18.2	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				
	315mm x 230mm x 1000mm (Single head), 3	15mm x 335mm x 1000mm (Do	uble head)		

ZelosBeam	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	сст (к)
Opal, Double-headed				
TLSBBD-1100W-X-MT	884/884	19	93	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	18.2	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/lm)
	100,000	D	383	-
	Dimensions			
	315mm x 230mm x 1000mm (Single head), 3	315mm x 335mm x 1000mm (D	ouble head)	
TLSBBD-1400W-X-MT	1096/1096	26.8	82	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	18.2	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			
	315mm x 230mm x 1000mm (Single head), 3	315mm x 335mm x 1000mm (D	ouble head)	
Clear, Extra Wide Optic, Double-headed				
TLSBBD-1000NXW-C-MT	603/603	16.8	72	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	18.2	CRI>80	-	L70B10>102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/lm)
	100,000	F	340	-
	Dimensions  315mm x 230mm x 1000mm (Single head), 315mm x 335mm x 1000mm (Double head)			
TLSBBD-1500NXW-C-MT	1045/1045	32.8	64	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	18.2	CRI>80	-	L70B10>102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/Im)	Nightlight Output (Lum/lm)
	100,000	F	340	-
	Dimensions			
	315mm x 230mm x 1000mm (Single head), 3	315mm x 335mm x 1000mm (D	ouble head)	
TLSBBD-1000WXW-C-MT	573/573	16.8	68	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	18.2	CRI>80	-	L70B10>102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	F	323	-
	Dimensions			
	315mm x 230mm x 1000mm (Single head), 3	315mm x 335mm x 1000mm (D	louble head)	

ZelosBeam	Output (Lum/lm)	Load (W)	Efficacy (Im/W)	сст (к)
Clear, Extra Wide Optic, Double-headed				
TLSBBD-1500WXW-C-MT	993/993	32.8	61	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	18.2	CRI>80	-	L <sub>7</sub> <sub>8</sub> B <sub>1 6</sub> >102,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	F	323	-
	Dimensions			
	$315 mm \times 230 mm \times 1000 mm \text{ (Single head)}, 315 mm \times 335 mm \times 1000 mm \text{ (Double head)}$			

## Fitting Options

Photo Electronic Cell	-PC
DALI-2 Dimming / Monitoring	-DA
Maintained Emergency 3 Hour	-E3
Central Battery Maintained 110V	-EV
Change Over Relay, 240V Relay Supplied	-ER
Maintained Emergency 3 Hour, DALI	-ED
Matt Titanium	-MT
Matt Black	-MB
Matt Silver	-MS

- For paint colour options, please replace -MT with required paint code.
- $\bullet$  For -PC option, Zelos Beam will be IP65 because the photocell lens is rated to IP65.
- $\bullet \ \mathsf{For} \ \mathsf{Root} \ \mathsf{mounting} \ \mathsf{bracket} \ \mathsf{for} \ \mathsf{single} \ \mathsf{beam} \ \mathsf{and} \ \mathsf{double} \ \mathsf{beam}, \mathsf{please} \ \mathsf{order} \ \mathsf{TLSBB/ROOT}.$
- ullet For lighting calculations utilising the double-headed Zelos Beam version, please use 2 x single Zelos Beam LDT files back-to-back.





