



## Mission



Mission is a vandal resistant luminaire specifically designed for transport environments and community and public applications

### Standard Colours



## Product Information

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

Transport applications include underpasses, covered platforms, station forecourts and stairs and footbridges. Community and Public applications include subways.

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 (kgCO<sub>2</sub>e) in accordance with [TM65.2](#).

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

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

**Housing:** Extruded aluminium body with die cast aluminium end caps.

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

**Diffuser:** Opal polycarbonate diffuser in frame secured with tamperproof screws.

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

**Mounting:** Ceiling or cornice mounting.

**Cable Entry:** Provision for conduit entry in back.

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

## ■ Technical Information

Mission	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
<b>L703mm</b>				
D599-2-1500N-X-MS	1566	15.6	100	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	6	CRI>80	50	L703mm>110,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	C	534	-
	<b>Dimensions</b>			
	235mm x 95mm			
D599-2-2000N-X-MS	1921	19.2	100	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	6	CRI>80	50	L703mm>110,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	C	534	-
	<b>Dimensions</b>			
	235mm x 95mm			
D599-2-2500N-X-MS	2284	23.2	98	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	6	CRI>80	50	L703mm>110,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	C	534	-
	<b>Dimensions</b>			
	235mm x 95mm			
D599-2-3000N-X-MS	2560	26.8	96	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	6	CRI>80	50	L703mm>110,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	C	534	-
	<b>Dimensions</b>			
	235mm x 95mm			
D599-2-1500W-X-MS	1488	15.6	95	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	6	CRI>80	50	L703mm>100,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	D	507	-
	<b>Dimensions</b>			
	235mm x 95mm			

Mission	Output (Lum/m)	Load (W)	Efficacy (lm/W)	CCT (K)
<b>L703mm</b>				
D599-2-2000W-X-MS	1825	19.2	95	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	6	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	507	-
	Dimensions			
	235mm x 95mm			
D599-2-2500W-X-MS	2170	23.2	94	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	6	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	507	-
	Dimensions			
	235mm x 95mm			
D599-2-3000W-X-MS	2432	26.8	91	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	6	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	507	-
	Dimensions			
	235mm x 95mm			
<b>L1303mm</b>				
D599-4-3000N-X-MS	3176	28.4	112	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.5	CRI>80	50	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/m)	Nightlight Output (Lum/m)
	100,000	C	739	-
	Dimensions			
	235mm x 95mm			
D599-4-4000N-X-MS	3866	35.3	110	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.5	CRI>80	50	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/m)	Nightlight Output (Lum/m)
	100,000	C	739	-
	Dimensions			
	235mm x 95mm			

Mission	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
<b>L1303mm</b>				
D599-4-5000N-X-MS	4549	43.1	106	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	8.5	CRI>80	50	L70B10>110,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	C	739	-
	<b>Dimensions</b>			
	235mm x 95mm			
D599-4-6000N-X-MS	5188	50.3	103	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	8.5	CRI>80	50	L70B10>110,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	C	739	-
	<b>Dimensions</b>			
	235mm x 95mm			
D599-4-3000W-X-MS	3017	28.4	106	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	8.5	CRI>80	50	L70B10>100,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	D	702	-
	<b>Dimensions</b>			
	235mm x 95mm			
D599-4-4000W-X-MS	3673	35.3	104	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	8.5	CRI>80	50	L70B10>100,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	D	702	-
	<b>Dimensions</b>			
	235mm x 95mm			
D599-4-5000W-X-MS	4322	43.1	100	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	8.5	CRI>80	50	L70B10>100,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	D	702	-
	<b>Dimensions</b>			
	235mm x 95mm			

Mission	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
<b>L1303mm</b>				
D599-4-6000W-X-MS	4929	50.3	98	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.5	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	702	-
	Dimensions			
	235mm x 95mm			
<b>L1603mm</b>				
D599-5-3750N-X-MS	4033	34.3	118	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10	CRI>80	50	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	884	-
	Dimensions			
	235mm x 95mm			
D599-5-5000N-X-MS	4884	42.9	114	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10	CRI>80	50	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	884	-
	Dimensions			
	235mm x 95mm			
D599-5-6250N-X-MS	5885	53.2	111	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10	CRI>80	50	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	884	-
	Dimensions			
	235mm x 95mm			
D599-5-7500N-X-MS	6705	62.3	108	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10	CRI>80	50	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	884	-
	Dimensions			
	235mm x 95mm			

Mission	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
<b>L1603mm</b>				
D599-5-3750W-X-MS	3831	34.3	112	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	10	CRI>80	50	L70B10>100,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	D	840	-
	<b>Dimensions</b>			
	235mm x 95mm			
D599-5-5000W-X-MS	4640	42.9	108	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	10	CRI>80	50	L70B10>100,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	D	840	-
	<b>Dimensions</b>			
	235mm x 95mm			
D599-5-6250W-X-MS	5591	53.2	105	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	10	CRI>80	50	L70B10>100,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	D	840	-
	<b>Dimensions</b>			
	235mm x 95mm			
D599-5-7500W-X-MS	6370	62.3	102	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	10	CRI>80	50	L70B10>100,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	D	840	-
	<b>Dimensions</b>			
	235mm x 95mm			

## ■ Fitting Options

Conduit Hole in One End	-1H
Conduit Hole in Both Ends	-2H
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
Pure White	-PW
Matt Silver	-MS
Switch Dimming	-DI
DALI-2 Dimming / Monitoring	-DA

- For paint colour options, please replace -MS with required paint code.
- HT Applies for standard version. For any options (e.g. -E3) please contact technical sales on +44 (0)20 8254 2022 or email [technical@designplan.co.uk](mailto:technical@designplan.co.uk).
- -ED is not available on the 703mm version.

