



## Obex

IP65

IK20 (250J)

Linear

Class I

Surface

Custodial

Obex is a ligature resistant luminaire specifically designed for challenging environments, such as custodial facilities.

Standard Colours

Textured White

### Product Information

Obex's uniform illumination ensures a consistent light distribution, enhancing visibility and reducing glare.

Obex's flush smooth diffuser and front plate assembly aids easy cleaning and enhanced ligature resistance capability.

The ligature resistant design helps prevent self-harming. Complete with 3 light level switchable circuits for cleaning, daytime operation and night light. Applications include police stations and law courts.

[Obex Trunking](#) provides a cable management system for this luminaire.

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:** IK20 (250J). [What is IK Rating?](#)

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

**Housing:** Zinc coated steel body.

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

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

**Driver:** Electronic control gear on a removable tray for ease of repair/upgrade with fused plug & socket connector block for 3 level switching & night light. DALI drivers as standard.

**Mounting:** Cornice

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

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

## ■ Technical Information

Obex	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
<b>L648mm</b>				
OBX-G1-2-3000W-TW-DA	3524 (Daytime)	40	88	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	12	CRI>80	-	L <sub>80</sub> B <sub>10</sub> >72,000h
	<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	391	434
	<b>Dimensions</b>			
	166mm x 166mm			
OBX-G1-2-3000N-TW-DA	3778 (Daytime)	40	95	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	12	CRI>80	-	L <sub>80</sub> B <sub>10</sub> >72,000h
	<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	B	410	476
	<b>Dimensions</b>			
	166mm x 166mm			
<b>L1250mm</b>				
OBX-G1-4-6000W-TW-DA	3368/5326 (Daytime/High Output)	34/54	99	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	18.8	CRI>80	-	L <sub>80</sub> B <sub>10</sub> >72,000h
	<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	489	434
	<b>Dimensions</b>			
	166mm x 166mm			
OBX-G1-4-6000N-TW-DA	3647/5665 (Daytime/High Output)	34/54	107	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	18.8	CRI>80	-	L <sub>80</sub> B <sub>10</sub> >72,000h
	<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	B	513	476
	<b>Dimensions</b>			
	166mm x 166mm			
<b>L1551mm</b>				
OBX-G1-5-9000W-TW-DA	5723/9223 (Daytime/High Output)	61/98	94	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	23.5	CRI>80	-	L <sub>80</sub> B <sub>10</sub> >72,000h
	<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	489	434
	<b>Dimensions</b>			
	166mm x 166mm			

Obex	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
<b>L1551mm</b>				
OBX-G1-5-9000N-TW-DA	6191/10075 (Daytime/High Output)	61/99	101	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	23.5	CRI>80	-	Life>72,000h
	<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	B	515	476
	<b>Dimensions</b>			
	166mm x 166mm			

## Fitting Options

Microwave Sensor - Basic	-M1
Right Blank End	-RB
Blank Ends	-BE
Left Blank End	-LB
DALI-2 Dimming / Monitoring	-DA
DALI with **% Pre-set	-D
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
Textured White	-TW

- High output for visually impaired use, inspections and deep cleaning.
- For Obex clock unit with window for digital clocks, please contact technical sales on +44 (0)20 8254 2022 or email [technical@designplan.co.uk](mailto:technical@designplan.co.uk).
- -ER cannot be combined with -M1.



