

# Kirium & Sephora Wall

Pathway illumination  
without compromise





# Pathway illumination without compromise

Our market-leading wall luminaires offer superior optical performance and control, simple installation and significant energy savings. BREEAM compliant Sephora and Kirium wall are available in 2700K, 3000K and 4000K as standard.

## Key advantages

- Slim profile, designed for LED - outperforms traditional lamped luminaires
- Superior functionality at an economical price point
- Optimised design for simple installation – with first-fix base plate and auto disconnect safety feature
- Wide distribution, spacings of 20m+ achievable
- Integral CMS
- CCTV friendly, low flicker driver
- Integral 3 hour maintained emergency
- Low maintenance: a lifetime of more than 100,000 hours (L80, B10)
- 2700K / 3000K / 4000K
- 0% ULOR to prevent light spill and pollution
- BREEAM compliant
- Clear (performance) or frosted (comfort) glazing options
- IP66 for exterior or interior applications



Sephora



Kirium

## Applications



Car parks



Footpaths/  
pathways



Health



Perimeter  
walls



Education



Rail

# Control options

From simple factory-set dimming to full CMS: enhance your luminaire through intelligent, connected sensors and control systems.

## Benefits of smart control

- Reduced energy consumption
- Reduced carbon footprint
- Longer luminaire life
- Lower capital, maintenance and energy costs
- Ability to collect product data

### Control

Factory-set dimming, time switches, photocells and presence detectors. Control in its simplest form.



### Smart City ready

Integral CMS: connected (or Smart) assets which use wireless communications networks, offering optimal flexibility. Control a single luminaire or group switch remotely.



Integral CMS



### Integral emergency

For escape route lighting - in the event of a power failure our integral maintained emergency option achieves minimum lux levels, and required 3 hours light output.



Integral emergency

Order code:  
**EM**

### Optional PIR

Order code:  
**PD**



Presence detector



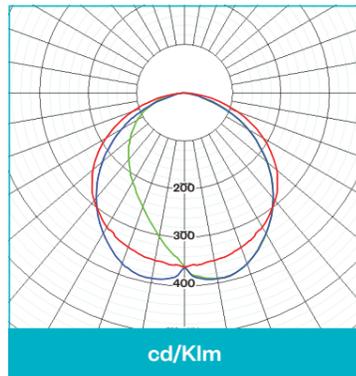
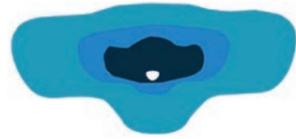


# Optical performance

Suitable for a wide range of applications, our Kirium and Sephora wall luminaires offer high performance optics available in a choice of three optimised distributions. For extremely efficient, precise and uniform lighting control.

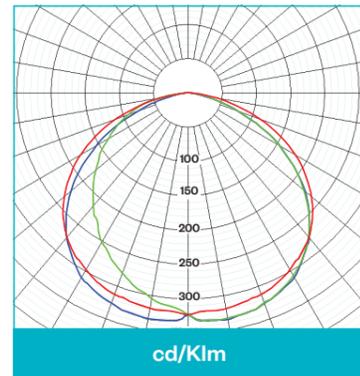
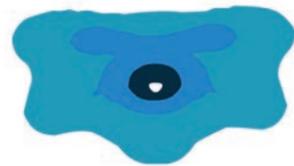
## Three distributions

### Narrow (A1)



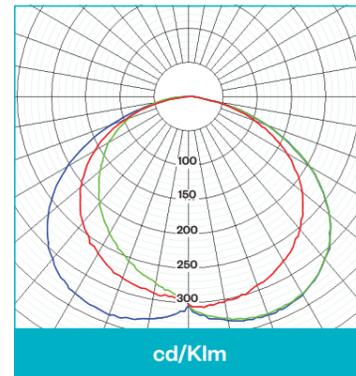
Suggested applications  
Footpaths

### Medium (A5)



Above exit doors

### Wide (C2)



Area lighting

## Example lighting levels

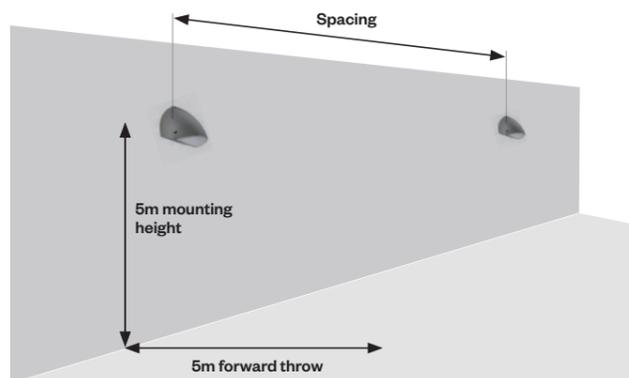
Typical result at 5m mounting height, with a 5m forward throw.

### Lighting Class P3

	Required	Achieved
Spacing	20m	20m
Eav	7.5lx	8.19lx
Emin	1.5lx	1.55lx

### Lighting Class C4

Spacing	15m
Eav	10lx
Emin	0.40lx

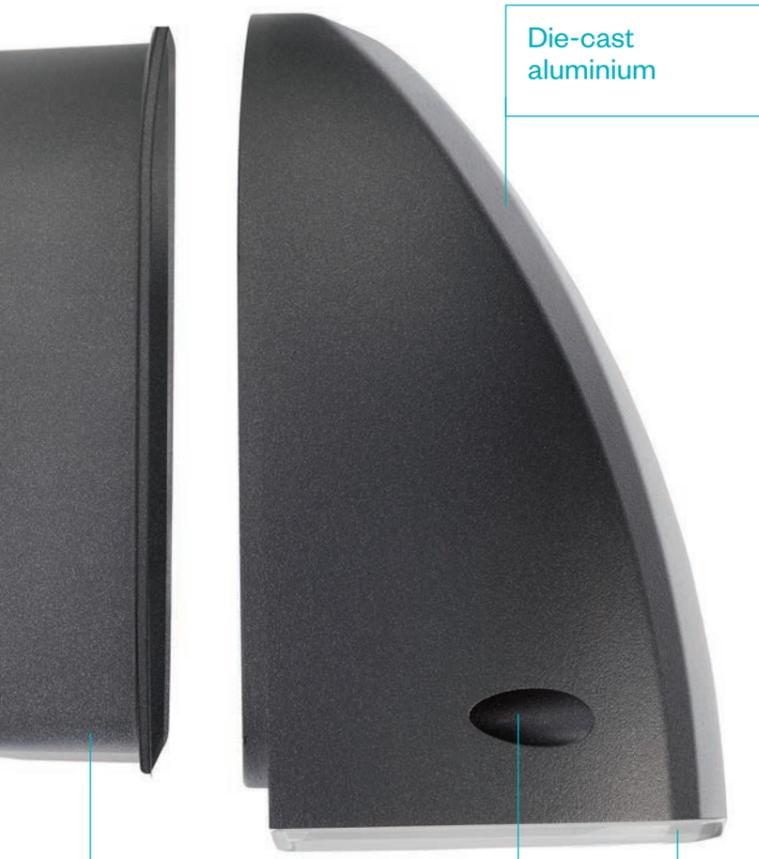


For guidance on how to light with wall luminaires, including for emergency applications visit > [dwwindsor.com/how-to-light-with-wall-luminaires](http://dwwindsor.com/how-to-light-with-wall-luminaires)

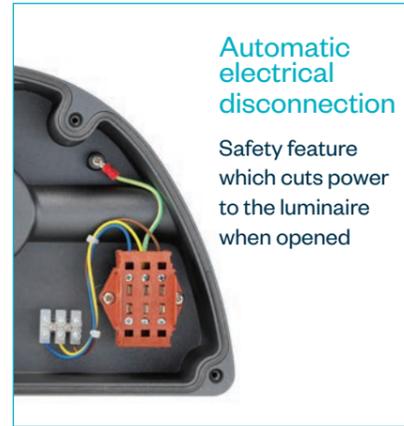




# Simple, speedy installation



Die-cast aluminium



Automatic electrical disconnection

Safety feature which cuts power to the luminaire when opened



BESA mounting for conduit applications

Kirium only

First fix back mounting plate

Facilitating easy installation

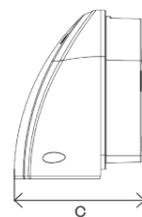
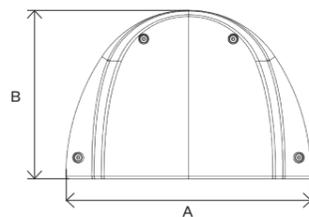
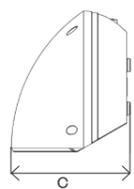
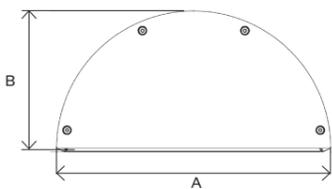
Anti-tamper screws

Optional if required

Strengthened polycarbonate

Sephora

Kirium



	Dimensions (mm)			Weight (kg)
	A	B	C	
Sephora	380	195	165	3
Kirium	340	235	182	3.5

## Product codes

	Code	Example	
<b>Family</b>			
Kirium Wall	KIW	KIW	
Sephora Wall	SEW		
<b>Light Engine</b>			
8 LED	8	16	
16 LED	16		
<b>Drive Current</b>			
300mA	300	300	
500mA	500		
700mA	700		
<b>Colour Temperature</b>			
2700K	27	27	
3000K	30		
4000K	40		
<b>Light Distribution</b>			
Narrow - Diamond+ A1 Optic	A1	A1	
Medium - Diamond+ A5 Optic	A5		
Wide - Diamond+ C2 Optic	C2		
<b>Glazing</b>			
Clear	C	F	
Frosted	F		
<b>Colour Finish</b>			
RAL 7046 Mid grey	RAL 7046 Mid grey	CF	DB
RAL 7035 Light grey	RAL 7035 Light grey	29	
RAL 9005 Black	RAL 9005 Black	10	
-	RAL 9016 White	40	
-	RAL 9006 Aluminium	26	
-	RAL 9007 Metallic grey	27	
-	DB 703 Metallic dark grey	DB	
-	Corten brown	CB	
Other RAL colour [on request]		RAL [specify]	
<b>Mounting</b>			
Standard wall mounting (no BESA conduit)	-	NB	NB
For mounting over horizontal BESA conduit box	-	B	
<b>Connectivity &amp; Control</b>			
No connectivity or control		N	IUC
Miniature photocell 35 lux (1:0.5)		U	
Part night switching Photocell 35 lux (1:0.5) (switch off midnight - 05:30) (Elexon regime 762)		A4	
Photocell 35 lux (1:0.5) + pre-programmed dimming (dimmed to 50% midnight - 05:30) (Elexon regime 531)		D8	
Integral CMS - Urban Control		IUC	
Integral CMS - Telensa		ITE	
Integral CMS - Mayflower		IMA	
<b>Presence Detector (optional)</b>			
Presence detector		PD	-
<b>Emergency (optional)</b>			
3-hour emergency version		EM	-

Example Code: KIW 16 300 27 A1 F DB NB IUC

# Kirium Wall / Sephora Wall



## Key Features

BREEAM-compliant design secures sustainability credits, supporting green building certifications.

First-fix base plate enables rapid installation, slashing onsite labour requirements, programme time, and associated contractor risk.

DarkSky Approved luminaire provides zero upward light output, eliminating sky glow and protecting light-sensitive nocturnal habitats.

Wide optical distribution achieves column spacings beyond twenty metres, reducing fixture quantities and overall project expenditure.

Integral emergency version delivers compliant escape-route lighting without separate luminaires, simplifying layouts and electrical wiring.

## Options

**Kirium Wall:** (8 or 16 LEDs) for mounting at 2-6 metres

**Sephora Wall:** (8 or 16 LEDs) for mounting at 2-6 metres

## Optical Control

Narrow (Diamond+ A1 Optic)

Medium (Diamond+ A5 Optic)

Wide (Diamond+ C2 Optic)

## Lifetime

>100,000 hours L90 B10

## Total Luminaire Lumens

Up to 4,000 lm

## Colour Temperature

2700K

3000K

4000K

## Colour Rendering Index

70Ra (4000K / 3000K)

80Ra (2700K)

## Luminaire Efficacy

Up to 172lm/W

## Drive Current

300mA / 500mA / 700mA

## Mounting

**Kirium Wall:** Optional BESA fixing for conduit applications

## Control

Miniature photocell

Integral CMS

DALI / 1-10V dimming

3-hour emergency battery backup

Presence detector

## Colours

**Kirium Wall:** RAL 9005 Black / RAL 7035 Light grey / RAL 7046 Mid grey

**Sephora Wall:** RAL 9005 Black / RAL 7035 Light grey / RAL 7046 Mid grey / RAL 9016 White / RAL 9006 Aluminium / RAL 9007 Metallic grey / DB 703 Metallic dark grey / Corten brown

Other RAL colours available on request

## Materials

**Body:** Die-cast aluminium

**Glazing:** Clear or frosted polycarbonate

**Seals:** Silicone

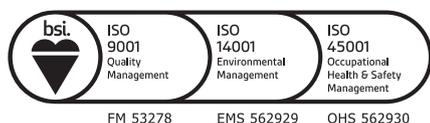
**Finish:** Polyester powder coat

## Installation & Maintenance

Includes SupportTag® for easy luminaire maintenance

Operational temperature range: -40°C to +40°C

\* Class II on request



DW Windsor is part of the Luceco Group

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