

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. And for schemes where well-being is paramount consider SunLike™ an innovative NEW award-winning technology which mimics natural sunlight.

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
- SunLike™ for increased visual comfort: with reduced blue light content
- 0% ULOR to prevent light spill and pollution
- BREEAM compliant
- Clear (performance) or frosted (comfort) glazing options
- IP66 for exterior or interior applications



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



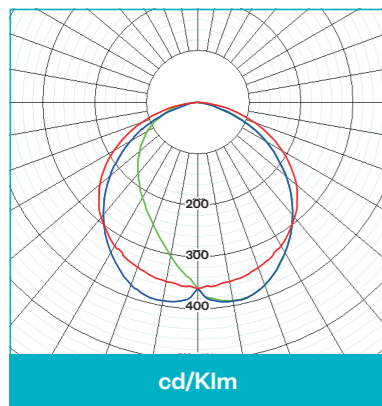


Optical performance

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.

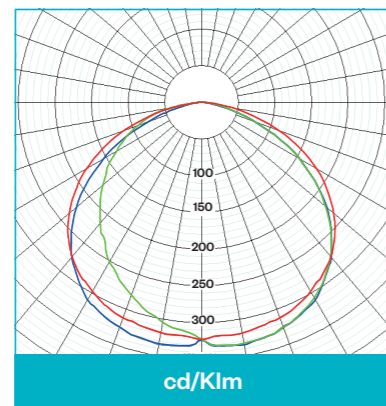
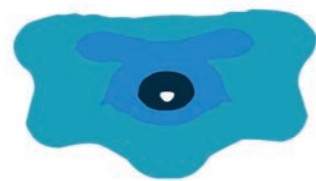
Three distributions

Narrow (A1)



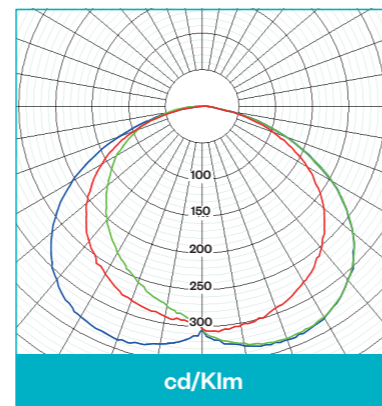
Suggested applications
Footpaths

Medium (A5)



Above exit doors

Wide (C2)



Area lighting

Example lighting levels

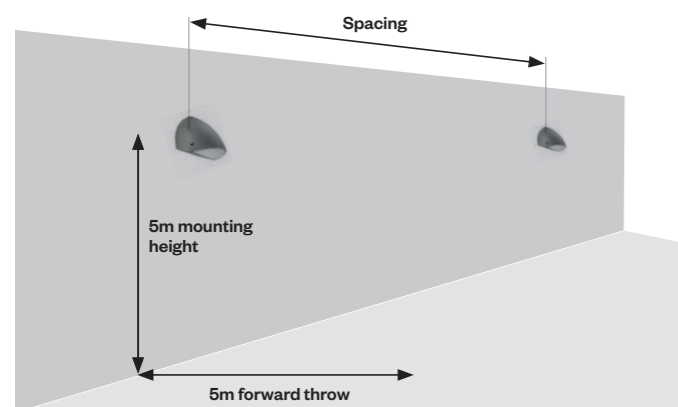
Typical result at 5m mounting height, with a 5m forward throw.

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

Introducing SunLike™

For schemes where light for health and well-being is paramount, consider new and award-winning SunLike™ – a solution attuned to our circadian rhythm and that mimics the spectral power distribution (SPD) of natural daylight.

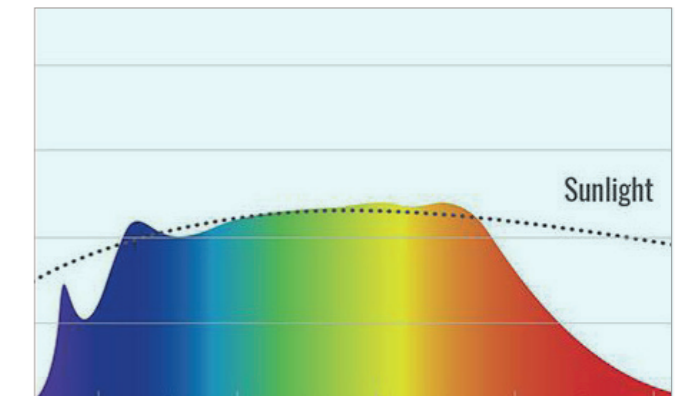
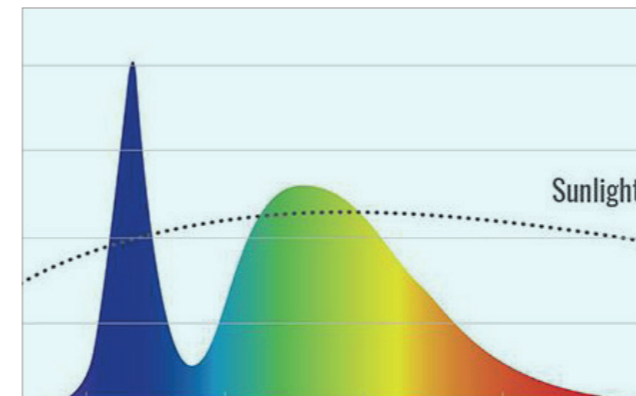
As a responsible manufacturer we always look to address industry concerns, most recently the negative publicity with regards to blue light content within LED. We therefore recommend, wherever possible, a colour temperature of 3000K or lower. However, with SunLike™ a CCT of 4000K can be specified with peace of mind:

Benefits

- Closely matches the spectrum of natural sunlight
- Enhanced colour clarity, for visual recognition
- High CRI: 95Ra
- SP ratio: 1.8
- Reduced blue light peak
- Reduced glare
- Increased visual comfort – proven to reduce eyestrain



Conventional white LED



SunLike™ is an advanced light source that combines the latest optical and compound semiconductor technology of Seoul Semiconductor and TRI-R technology.

For further information visit > dwwindsor.com/sunlike

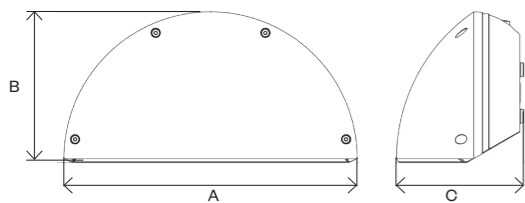




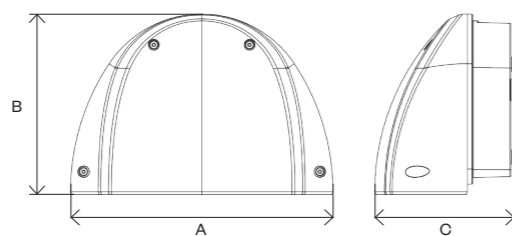
Simple, speedy installation



Sephora



Kirium



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

A family solution

Other products in the Kirium Pro and Sephora ranges available

For further information on complementary street lighting and bollard ranges please visit:

dwwindsor.com/kirium-pro
dwwindsor.com/sephora



Kirium and Sephora wall

IP66 | IK10 | CLASS I | CLASS II

Features

Feature packed, market-leading range of wall mounted luminaires
 BREEAM compliant
 Simple speedy installation, with first-fix base plate
 Emergency option available
 0% ULOR
 Wide distribution, spacings of 20m+ achievable

Options

Two styles: Kirium or Sephora recommended for mounting at 2-6 metres

Optical control

Narrow (Diamond+ A1)
 Medium (Diamond+ A5)
 Wide (Diamond+ C2)

Light source

8 or 16 high power LED

Lifetime prediction

L80 B10 – in excess of 100,000 hours

Total luminaire lumens

3771lm

Colour temperature

2700K / 3000K / 4000K / 4000K SunLike™

Colour rendering index

70Ra (4000K / 3000K)
 80Ra (2700K)
 95Ra (4000K SunLike™)

Total measured luminaire efficacy

Up to 172lm/W

Control

Miniature photocell
 Integral CMS
 DALI/1-10V dimmable
 3-hour emergency battery backup
 Presence detector

Materials

Body: Die-cast aluminium
 Glazing: Clear or frosted polycarbonate
 Seals: Silicone

Finish

Textured polyester powder coat

Colours

RAL 9016 White / RAL 9005 Black / RAL 7035 Light grey
 RAL 7035 Light grey / RAL 7046 Mid grey
 RAL 9006 Aluminium / RAL 9007 Metallic grey
 DB 703 Metallic dark grey / Corten brown
 Other RAL colours on request

Installation and maintenance

Simple, time-saving with first fix base plate and auto disconnect feature
 Optional BESA fixing for conduit applications (Kirium only)

Ordering details

Kirium and Sephora Wall	Code	Example	
Style (Light Engine)			
Kirium (8 LED / 16 LED)	KIW 8 / 16	KIW 16	
Sephora (8 LED / 16 LED)	SEW 8 / 16		
Drive current			
300mA	0300	0300	
500mA	0500		
700mA	0700		
Colour temperature			
2700K	27	27	
3000K	30		
4000K	40		
4000K SunLike™	4S		
Distribution			
Narrow (Diamond+ A1)	A1	A1	
Medium (Diamond+ A5)	A5		
Wide (Diamond+ C2)	C2		
Glazing			
Clear (performance)	C	F	
Frosted (comfort)	F		
Colour			
RAL 9005 Black	10	DB	
RAL 9006 Aluminium	26		
RAL 7035 Light grey	29		
RAL 7046 Mid grey	CF		
RAL 9007 Metallic grey	27		
DB 703 Metallic dark grey	DB		
RAL 9016 White	40		
Corten brown	CB		
Mounting (Kirium Wall only)			
Standard wall mounting (no BESA conduit)	NB		NB
For mounting over horizontal BESA conduit box	B		
Control			
No photocell	N	IUC	
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		
<i>Pre-programmed dimming*</i>			
Presence Detector			
Presence detector	PD	-	
Emergency Version			
3 hour emergency	EM	-	
Example code = KIW 0300 27 A1 F DB NB IUC			

DW Windsor

Pindar Road, Hoddesdon, Hertfordshire, EN11 0DX
 T: +44 (0) 1992 474600 | E: info@dw Windsor.com
 dw Windsor.com

