

# York Range

Heritage lighting to fit  
your style and budget



2ND GENERATION





## Versatile lighting, made simple

York is a compact, post top lantern range offered with a number of canopy styles – from traditional to more contemporary – to suit a variety of settings, such as housing developments and town centres. The luminaire features a simple, conical design with a 360° injection-moulded bowl for glass-like clarity and a glazed cast base for improved lighting uniformity.

Combining elegance with performance, York is offered with our range of high quality LED light engines and Diamond+ optics providing comfort and safety without overlighting. A range of control options ensures York delivers added energy savings and increased value.

### Key advantages

- Highly versatile, compact conical lantern offered with a choice of canopy styles
- Mounts directly to the column top via a glazed cast base providing improved uniformity
- Injection moulded polycarbonate glazing bowl for glass-like clarity and added durability
- Highly efficient LED offered with our full range of Diamond+ optics for precise beam control
- Easy to install thanks to self-centring column entry and retractable connection block

### Applications



Housing developments



Conservation areas



Town centres



Parks & pathways







## Multiple styles, endless possibilities

Designed to suit a variety of architectural styles, York can be specified with a selection of canopies, making it the go-to solution for a range of applications.



### York

An elegant canopy, perfectly proportioned for town centres and green spaces.



### Warwick

Similar to York but adorned with an ornate coronet for a traditional appearance.



### Salisbury

A curved canopy with wide brim, suited to more contemporary settings.



### Waterford

A domed canopy with stepped brim, ideal for housing developments.



### Braemar

Visually similar to Waterford but without a brim for more streamline appearance.



### Cost-effective lighting

With class-leading efficiency of up to 180lm/W, the York range offers substantial energy savings potential over its 100,000 hour lifetime, representing considerable value for money.



### Increased uniformity

York provides improved uniformity thanks to its new Glazed Cast Base which eliminates shadowing around the column, delivering even illumination and creating a space that feels safe and is visually appealing.



### Smart City ready

To manage energy usage, York can be specified with a range of internal CMS nodes, helping to maintain the luminaire's visual appearance. Alternatively, a Zhaga socket can be fitted for additional connectivity.



### Durable construction

York is constructed from 100% recycled aluminium for longevity and features a single injection-moulded, high transmission glazing bowl for added protection against impacts and ingress.



### Easy to install & maintain

With its self-centring column entry and a retractable connection block, York is easy to install, saving time and lowering installation costs, while toolless entry ensures the luminaire is simple to maintain.







# Lighting for places and people



With light pollution now impacting around 80 per cent of the world's population, it has never been more important to light responsibly. At DW Windsor, we're committed to protecting our planet while also meeting the needs of both people and the environment. York has been designed with this in mind and is DarkSky approved.



## Warmer colour temperatures

York is available in warmer colour temperatures as low as 1800K, which limit the amount of blue light emitted, helping to protect human health and lower the impact on nocturnal wildlife.



## Targeted illumination

York is offered with a range of precise light distributions that direct light downwards, resulting in a 0% Upward Light Output Ratio (ULOR) to combat light pollution and minimise sky glow.



## Light shields available

To help prevent light trespass when illuminating sensitive areas, York can be fitted with a range of discreet shields, avoiding light spill and ensuring light is only directed where needed.



## Controls and connectivity

To ensure light is only used when needed, York can be fitted with a range of lighting controls — from miniature photocells to full internal CMS nodes.



## Small change, big improvement

One of the challenges of traditional post-top lanterns is that you can often get shadowing on the ground from the luminaire's base.

With the York range, we've solved this challenge using an innovative new glazed base which allows light through to illuminate around the foot of the column. Not only does this look more appealing, but it also provides improved uniformity for increased visual comfort and a greater sense of safety at night.





## Lighting to suit your needs

To support a variety of heritage applications, York is offered with a range of LED light engines. So whether you're looking for a high-performance light source to maximise energy savings, or something with a more traditional appearance, we have a solution for you.



### Performance LED

**Lumen Range**  
980 - 8,200 lm

**Power Range**  
6 - 57 W

**Available Optics**  
14 (Roads / Pathways / Areas / Crossings)

**Colour Temperature**  
2200K / 2700K / 3000K / 4000K

**Best for**  
Applications where performance and flexibility are paramount



### Performance CoB

**Lumen Range**  
2,280 - 7,455 lm

**Power Range**  
13 - 54 W

**Available Optics**  
4 (Roads / Pathways / Areas)

**Colour Temperature**  
2200K / 2700K / 3000K / 4000K / Tunable White [1800K-4000K]

**Best for**  
Applications which require a single light source



### Comfort CoB®

**Lumen Range**  
945 - 2,895 lm

**Power Range**  
10 - 36W

**Available Optics**  
1 (Symmetrical)

**Colour Temperature**  
2200K / 2700K / 3000K / Tunable White [1800K-3000K]

**Best for**  
Applications where a more traditional appearance is needed

## Design features

### Toolless Entry

Easy access to control gear from above via the screw-off finial and removable canopy ensuring the luminaire is easy to maintain

### Circular by Design

Designed using mechanical fixings to allow for easy upgrades and repairs, helping to reduce waste and extend service life

### Multiple Canopies

Five canopy designs ranging from traditional to contemporary allow York to match a variety of architectural styles and settings

### Smart City Ready

Compatible with the latest lighting control technologies via optional Zhaga socket or internal CMS, delivering additional savings

### ClearGuard™ Glazing NEW

Injection-moulded, high-transmission 360° glazing with glass-like clarity for optimal luminaire performance and added protection

### Diamond+™ Optics

Available with a wide range of standard optical distributions for ultimate flexibility, while ensuring light is only placed where needed

### Invisible Wiring NEW

York features no visible cabling for a refined visual appearance and distinctive silhouette

### Light Shields NEW

Offered with a choice of discreet internal and external shields to avoid light trespass when illuminating sensitive areas

### EasyFit™ Base NEW

Self-centring column entry and a retractable connection block ensure York is quick and easy to install, every time

### Durable Construction

Manufactured from 100% recycled aluminium with a tough polyester powder coat finish for maximum protection and product longevity

### Glazed Cast Base NEW

York now features a glazed cast base which provides additional illumination around the column, helping to improve uniformity

### SupportTag®

QR-based system to simplify the luminaire maintenance process, ensures issues are resolved quickly by our dedicated support team

3000K lumen packages and wattages matrix

Light Engine			250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
Performance LED	8	Im	872	1,031	1,185	1,333	1,477	1,617	1,752	1,881	2,007	2,127	2,244	2,355	2,461	2,563	2,661	2,754	2,842
		W	6	7	8	9	10	12	13	14	15	16	17	19	20	21	22	24	25
	16	Im	1,711	2,021	2,323	2,615	2,897	3,171	3,435	3,690	3,935	4,171	4,398	4,617	4,826	5,026	5,217	5,399	5,572
		W	11	13	16	18	20	22	24	27	31	34	36	36	38	41	43	46	48
	24	Im	2,590	3,061	3,517	3,960	4,388	4,802	5,201	5,587	5,959	6,317	6,661	6,991	7,308	-	-	-	-
		W	17	20	23	27	30	33	37	40	43	47	50	54	57	-	-	-	-
Performance CoB		Im	2,034	2,403	2,762	3,109	3,445	3,770	4,084	4,387	4,679	4,960	5,231	1,876	5,739	5,976	6,203	6,420	6,635
		W	13	15	18	20	22	25	27	30	33	35	38	40	43	46	48	51	54
Comfort CoB		Im	945	1,120	1,289	1,452	1,609	1,761	1,908	2,049	2,185	2,316	2,442	2,562	2,678	2,789	2,895	-	-
		W	10	11	13	15	17	18	20	22	24	26	28	30	32	34	36	-	-

Performance LED data based on A2 optic. Performance CoB data based on AC1 optic. No Light Output Reduction (LOR) factor applied. Data provided as indication of performance. Please refer to photometric files for individual optic results.

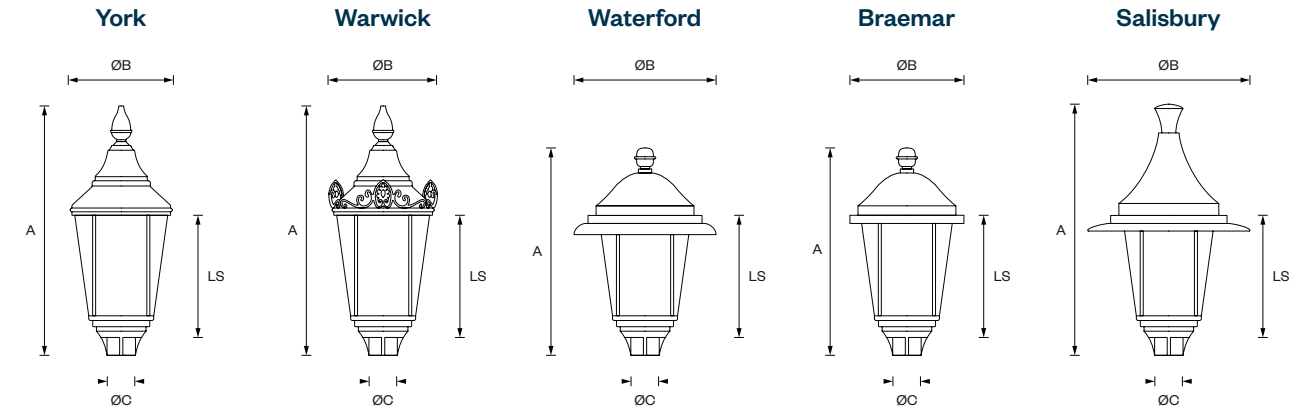
4000K lumen packages and wattages matrix

Light Engine			250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
Performance LED	8	Im	980	1,158	1,331	1,498	1,660	1,817	1,968	2,114	2,255	2,390	2,521	2,646	2,765	2,880	2,990	3,094	3,193
		W	6	7	8	9	10	12	13	14	15	16	17	19	20	21	22	24	25
	16	Im	1,922	2,271	2,610	2,938	3,255	3,563	3,859	4,146	4,421	4,687	4,942	5,188	5,422	5,647	5,862	6,066	6,261
		W	11	13	16	18	20	22	24	27	31	34	36	36	38	41	43	46	48
	24	Im	2,910	3,439	3,952	4,449	4,930	5,395	5,844	6,278	6,695	7,098	7,484	7,855	8,211	-	-	-	-
		W	17	20	23	27	30	33	37	40	43	47	50	54	57	-	-	-	-
Performance CoB		Im	2,285	2,700	3,103	3,493	3,871	4,236	4,589	4,929	5,257	5,573	5,877	2,108	6,448	6,715	6,970	7,213	7,455
		W	13	15	18	20	22	25	27	30	33	35	38	40	43	46	48	51	54

Performance LED data based on A2 optic. Performance CoB data based on AC1 optic. No Light Output Reduction (LOR) factor applied. Data provided as indication of performance. Please refer to photometric files for individual optic results.

Luminaire dimensions

	Dimensions (mm)				Weight (kg)	Windage (m²)
	A	B	C	LS		
York	786	323	76	363	5.0	0.14
Warwick	786	345	76	363	5.2	0.15
Waterford	655	450	76	363	5.3	0.15
Braemar	655	360	76	363	5.2	0.15
Salisbury	778	500	76	363	5.4	0.16



Product codes

				Code	Example
Family					
York				YK2	YK2
Warwick				WR2	
Waterford				WT2	
Braemar				BR2	
Salisbury				SL2	
Light Engine					
Performance LED					16
8 LED				8	
16 LED				16	
24 LED				24	
	Performance CoB				
	Single CoB			PC1	
		Comfort CoB			
		Single CoB	CC1		
Colour Temperature					
2200K	2200K	2200K	22	30	
2700K	2700K	2700K	27		
3000K	3000K	3000K	30		
4000K	4000K		40		
	Tunable White – (1800K - 4000K)	Tunable White – (1800K - 3000K)	TW		
Light Distribution					
Roads – Diamond+ A Optic			A1 / A2 / A3 / A5 / A6	A1	
Pathways – Diamond+ B Optic			B1 / B2 / B3		
Areas – Diamond+ C Optic			C1 / C2 / C6		
Crossings – Diamond+ Z Optic			ZR / ZL / ZF		
	Wide Roads – AC1		AC1		
	Pathways – BC1		BC1		
	Areas – CC1		CC1		
	Roads – DC1		DC1		
		Symmetric	SY		
Light Shield (optional)					
Light shield - internal 150° short (200mm)			L1	-	
Light shield - internal 150° full			L2		
Light shield - internal 180° full			L3		
Drive Current					
Drive currents from 250mA to 1050mA are available in 50mA increments. Insert drive current value (e.g. 750mA = 750)			250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050	750	
Notes 24 LED = 850mA maximum					
Colour Finish					
RAL 9005 Black			10	10	
RAL 7016 Anthracite Grey			20		
RAL 7037 Dusty Grey			21		
RAL 5003 Sapphire Blue			30		
RAL 6005 Light Moss Green			50		
RAL 3005 Wine Red			70		
Other RAL colour (on request)			RAL [specify]		
Paint Finish					
Polyester powder coat			PP	PP	
Marine-grade coating			MG		
Control					
No control			N	20L	
Miniature photocell – 20 lux (1:0.5)			20L		
Miniature photocell – 35 lux (1:0.5)			35L		
Zhaga Book 18 socket – 4-pin (top)			Z4		
Integral CMS - Urban Control (AC node with puck antenna)			UAC		
Integral CMS - Urban Control (DC node with puck antenna)			UDC		
Integral CMS - Telensa			ITE		
Integral CMS - Mayflower			IMA		
Internal Wiring					
3-core [default option]			3	3	
5-core			5		
Example Code: YK2 16 30 A1 30 750 10 PP 20L 3					

## Features & Benefits

Highly versatile, compact conical lantern offered with a choice of canopy designs to suit a range of architectural styles

Features a new glazed cast base to provide light around the base of the column and improved lighting uniformity

Durable aluminium construction, with an injection moulded polycarbonate glazing bowl for glass-like clarity

Easy to install directly to the column top thanks to self-centring column entry and retractable connection block

## Light Engine Options

**Performance LED:** (8 / 16 / 24 LED array)

**Performance CoB:** (Single CoB)

**Comfort CoB®:** (Single CoB, Glass Refractor)

## Lumen Outputs

**Performance LED:** up to 8,200 lm (4000K)

**Performance CoB:** up to 7,455 lm (4000K)

**Comfort CoB:** up to 2,895 lm (3000K)

## Optical Control

**Performance LED:** A / B / C / Z Diamond+ Optics (14 options)

**Performance CoB:** AC1 / BC1 / CC1 / DC1 Optics (4 options)

**Comfort CoB:** Symmetrical Optic (1 option)

## Lifetime

> 100,000 hours L90

## Luminaire Efficacy

**Performance LED:** up to 175 lm/W (4000K)

**Performance CoB:** up to 180 lm/W (4000K)

**Comfort CoB:** up to 102 lm/W (3000K)

## Drive Current

250mA - 1050mA (in 50mA increments)

## Mounting

Glazed Cast Base: Ø76mm (standard)

## Colour Temperature

**Performance LED:** 2200K / 2700K / 3000K / 4000K

**Performance CoB:** 2200K / 2700K / 3000K / 4000K / Tunable White

**Comfort CoB:** 2200K / 2700K / 3000K / Tunable White

## Colour Rendering Index

**Performance LED:** 4000K, 3000K & 2700K: 70Ra

**Performance CoB:** 4000K: 70Ra / 3000K & 2700K: 80Ra

**Comfort CoB:** 3000K & 2700K: 80Ra

## Control & Connectivity

**CLO:** Constant Light Output enabled

**Switch:** On/off through conventional miniature PEC

**Dim:** Factory set dimmed / customer specified dimming

**CMS:** Compatible with all available internal CMS systems

**Smart City Ready:** Via optional Zhaga 4-pin socket

## Materials

**Canopy:** Spun aluminium

**Base:** Cast aluminium

**Glazing:** Injection-moulded polycarbonate bowl (UV stabilised)

**Seals:** Silicone

**Finish:** Polyester powder coat / Marine-grade coating

## Light Shields

**Internal:** 150° short / 150° full / 180° full

**External:** Full length shields available for retrofit onsite installation

## Installation & Maintenance

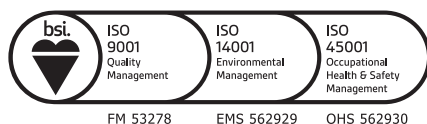
Available pre-wired

Includes SupportTag for easy luminaire maintenance

Surge protection: 10kV

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

## Standard Colours



FM 53278

EMS 562929

OHS 562930

**LUCECO** plcDW Windsor is part of the  
Luceco Group

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APR-2025-E  
V1.5