

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.



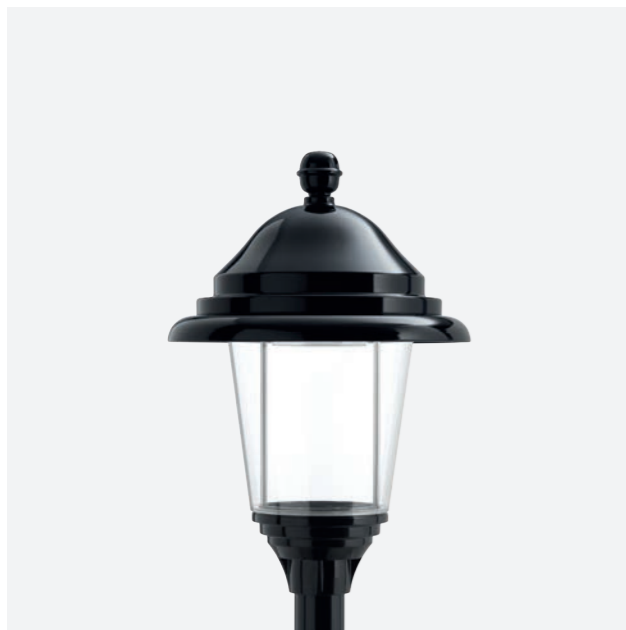
York

Offers a simple, elegant profile which is perfectly proportioned, ideal for town centres and green spaces.



Warwick

Adorned with an ornate, decorative coronet for a more traditional appearance, Warwick is perfectly suited to historic locations.



Waterford

With its domed canopy and stepped brim, Waterford is the perfect choice for housing developments and amenity areas.



Salisbury

Featuring a beautifully curved canopy design and wide brim, Salisbury works well in more contemporary settings.



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
805 - 9,480 lm

Power Range
5 - 72 W

Available Optics
14 (Wide Road / Standard Road / Footpath / Area)

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

Best for
Applications where performance and flexibility are paramount



Performance CoB

Lumen Range
1,880 - 7,455 lm

Power Range
10 - 54 W

Available Optics
4 (Wide Road / Standard Road / Footpath / Area)

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

Best for
Applications which require a single light source



Comfort CoB®

Lumen Range
765 - 2,895 lm

Power Range
8 - 36 W

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

Four 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 CDS, 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			200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
Performance LED	8	Im	716	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	5	6	7	8	9	10	12	13	14	15	16	17	19	20	21	22	24	25
	16	Im	1,404	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	9	11	13	16	18	20	22	24	27	31	34	36	36	38	41	43	46	48
	24	Im	2,126	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	7,611	7,901	8,176	8,438
		W	14	17	20	23	27	30	33	37	40	43	47	50	54	57	61	65	68	72
	Performance CoB	Im	1,672	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	10	13	15	18	20	22	25	27	30	33	35	38	40	43	46	48	51	54
Comfort CoB	Im	764	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	8	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.

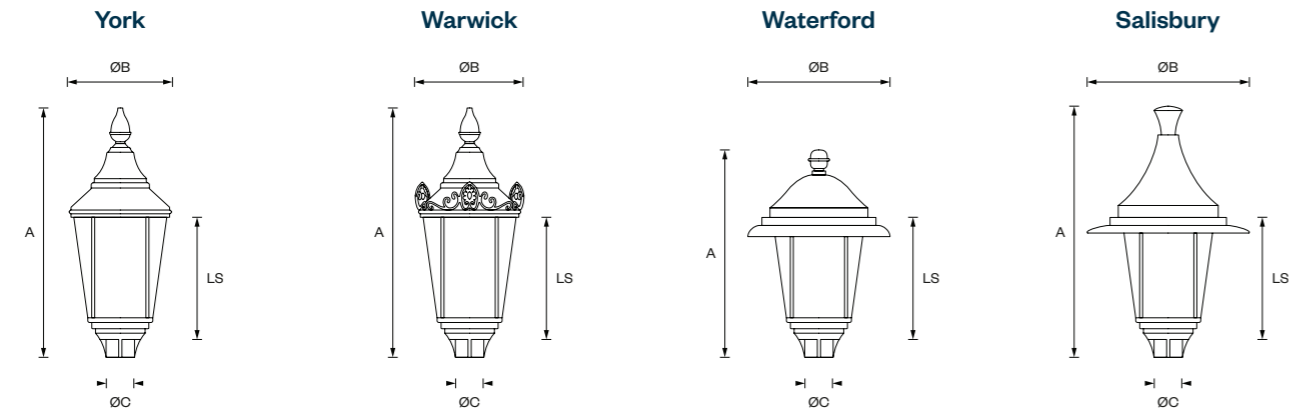
4000K lumen packages and wattages matrix

Light Engine			200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
Performance LED	8	Im	805	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	5	6	7	8	9	10	12	13	14	15	16	17	19	20	21	22	24	25
	16	Im	1,578	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	9	11	13	16	18	20	22	24	27	31	34	36	36	38	41	43	46	48
	24	Im	2,389	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	8,552	8,877	9,186	9,481
		W	14	17	20	23	27	30	33	37	40	43	47	50	54	57	61	65	68	72
	Performance CoB	Im	1,879	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	10	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
Salisbury	778	500	76	363	5.4	0.16



Product codes

				Code	Example
Family					
York			YK2	YK2	
Warwick			WR2		
Waterford			WT2		
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					
Diamond+ A Optic – (Wide Road)			A1 / A2 / A3 / A5 / A6	A1	
Diamond+ B Optic – (Footpath)			B1 / B2 / B6		
Diamond+ C Optic – (Area)			C1 / C2 / C6		
Diamond+ Z Optic – (Pedestrian Crossing)			ZR / ZL / ZF		
	AC1 – (Wide Road)		AC1		
	BC1 – (Footpath)		BC1		
	CC1 – (Area)		CC1		
	DC1 – (Standard Road)		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		
Light Output					
Drive currents from 200mA to 1050mA are available in 50mA increments. Insert drive current value (e.g. 750mA = 750)			200 / 250 / 300 350 / 400 / 450 500 / 550 / 600 650 / 700 / 750 800 / 850 / 900 950 / 1000 / 1050	750	
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			IUC		
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 9,480 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

200mA - 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

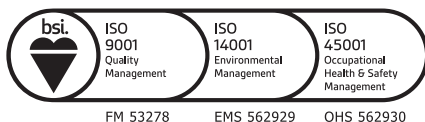
Available pre-wired

Includes SupportTag for easy luminaire maintenance

Surge protection: 10kV

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

Standard Colours



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