



The Richmond 10W LED street light is the perfect combination of aesthetic appeal and optimum illumination performance with an IP65 - IK08 rating.

Manufactured in the UK with the latest Osram LEDs and a choice of 4 optics to create the perfect lighting design.

Options available are Colour Temperature, Beam Angle, DALI, Mini Photocell, 3hr Emergency, AstroDIM, Spill Shield, and any painted RAL colour finish.

Richmond 10W LED Street Light



LED Street Lighting



Features

- LED rating (Source lumens) 1,516Lm (4000K / 6000K), 1,311Lm (3000K) and 1,269Lm (2700K).
- Luminaire flux (delivered lumens) 1,364Lm (4000K / 6000K), 1,180Lm (3000K) and 1,142Lm (2700K).
- Total system watts 10cW.
- Luminaire efficacy up to 158Lm/cW.
- -20 to +40°C operating temperature (Emergency 0 to +40°C).
- Colour temperature options available are 2700K, 3000K, 4000K, 6000K.
- Control options available are DALI, Mini-Photocell, AstroDIM, and 3hr Emergency.
- Emergency Mode BLF 100%.
- Optional twin head mount available, contact sales for information.
- 5 Year Manufacturer's Warranty.

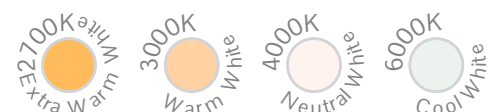
Benefits

- IP65 / IK08 rated for robust durability in tough environments.
- LED Lifespan >100,000hrs L90B10.
- Osram LEDs and Osram Driver for trusted quality and reliability.
- Easy access to LED and Driver via a removable base plate for simple maintenance.
- Luminaire body made of die-cast aluminium for robust durability.
- Choice of 4 optics for the perfect lighting design.
- Optional Spill Shield (FIX-0487) for controlled light distribution.
- Any painted RAL colour finish to match project aesthetics.
- Recessed light source for less than 0.5% upward light ratio.
- Compliant with Dark Skies recommendations^{#1}.
- Bat & Insect friendly^{#2}.

Painted Options



Kelvin Options

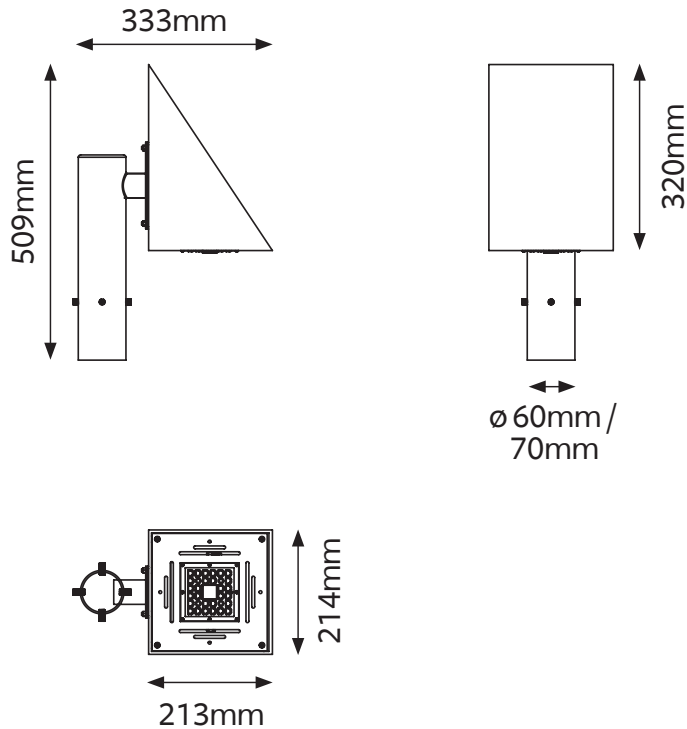


^{#1} 3000K + DALI control / dimmable option.

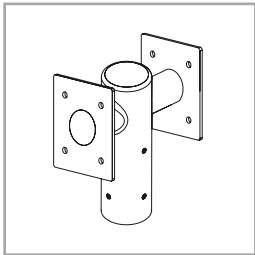
^{#2} 2700K + DALI control / dimmable option.

* 5 Year Manufacturer's Warranty.

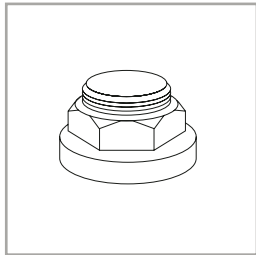
Dimensions



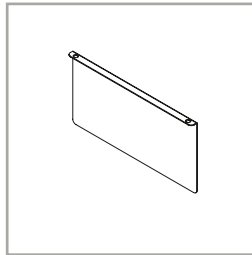
Add-Ons



Bracket Mounts available, contact sales for information.



Integral Mini-Photocell option change code from '00' to '04'.



Spill Shields available, contact sales for information.

Applications



Roads



Railway Stations



Parks & Gardens



Residential

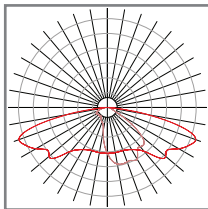


Retail

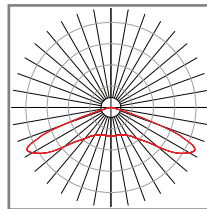
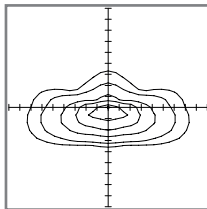


Security

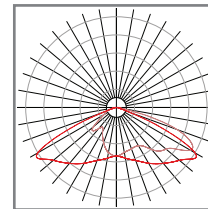
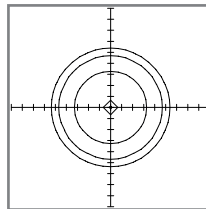
Photometric Data



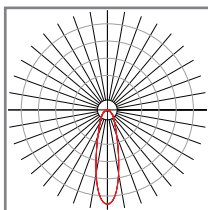
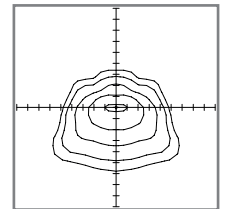
Optic 1 - Type II/III (long) beam for very wide pole to pole distances. Ideal for pedestrian paths & residential roads.



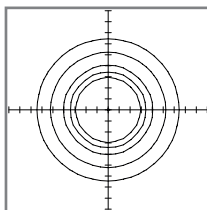
Optic 2 - IESNA Type V (circular 360°) beam for wide area lighting such as car parks.



Optic 3 - Wide IESNA Type IV forward-throw beam for wide area lighting like car parks, play areas, yards & bays.



Optic 4 - 30° spot beam for architectural effect.



NB: photometric images are indicative.

Need a Lighting Design?

We offer a free of charge design service, contact our team today: studio@gemmalighting.com.

Specifications

Richmond 10W LED Wall Light

Item Number	Description		Light Source	LED Rating (Lm)	Total System Power (cW)	CCT (K)	CRI	Voltage (VDC)	LED Drive Current (mA)	Luminaire Flux (Llm)	Luminaire Efficacy (Llm/cw)	Weight (Kg)	Spigot Size (mm)	Unit Colour
10W - STANDARD - GRAPHITE GREY - 76MM SPIGOT - ARCHITECTURAL STREET LIGHT														
RI10-A1C-00GH-76-1	RICHMOND-10W-LED-AC-6000K-Std-RAL7024-76MM-Optic1		LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8	76	GRAPHITE
RI10-A1N-00GH-76-1	RICHMOND-10W-LED-AC-4000K-Std-RAL7024-76MM-Optic1		LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8	76	GRAPHITE
RI10-A1W-00GH-76-1	RICHMOND-10W-LED-AC-3000K-Std-RAL7024-76MM-Optic1		LED	1,311	10	3000K	RA>80	220-240	115	1,180	118	8	76	GRAPHITE
RI10-A1X-00GH-76-1	RICHMOND-10W-LED-AC-2700K-Std-RAL7024-76MM-Optic1		LED	1,269	10	2700K	RA>80	220-240	115	1,142	114	8	76	GRAPHITE
10W - STANDARD - EMERGENCY - GRAPHITE GREY - 76MM SPIGOT - ARCHITECTURAL STREET LIGHT														
RI10-A1C-01GH-76-1	RICHMOND-10W-LED-AC-6000K-Std-E3-RAL7024-76MM-Optic1		LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8.5	76	GRAPHITE
RI10-A1N-01GH-76-1	RICHMOND-10W-LED-AC-4000K-Std-E3-RAL7024-76MM-Optic1		LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8.5	76	GRAPHITE
RI10-A1W-01GH-76-1	RICHMOND-10W-LED-AC-3000K-Std-E3-RAL7024-76MM-Optic1		LED	1,311	10	3000K	RA>80	220-240	115	1,180	118	8.5	76	GRAPHITE
RI10-A1X-01GH-76-1	RICHMOND-10W-LED-AC-2700K-Std-E3-RAL7024-76MM-Optic1		LED	1,269	10	2700K	RA>80	220-240	115	1,142	114	8.5	76	GRAPHITE
10W - STANDARD - MINI-PHOTOCELL - GRAPHITE GREY - 76MM SPIGOT - ARCHITECTURAL STREET LIGHT														
RI10-A1C-04GH-76-1	RICHMOND-10W-LED-AC-6000K-Std-M/CELL-RAL7024-76MM-Optic1		LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8	76	GRAPHITE
RI10-A1N-04GH-76-1	RICHMOND-10W-LED-AC-4000K-Std-M/CELL-RAL7024-76MM-Optic1		LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8	76	GRAPHITE
RI10-A1W-04GH-76-1	RICHMOND-10W-LED-AC-3000K-Std-M/CELL-RAL7024-76MM-Optic1		LED	1,311	10	3000K	RA>80	220-240	115	1,180	118	8	76	GRAPHITE
RI10-A1X-04GH-76-1	RICHMOND-10W-LED-AC-2700K-Std-M/CELL-RAL7024-76MM-Optic1		LED	1,269	10	2700K	RA>80	220-240	115	1,142	114	8	76	GRAPHITE
10W - STANDARD - MINI-PHOTOCELL - EMERGENCY - GRAPHITE GREY - 76MM SPIGOT - ARCHITECTURAL STREET LIGHT														
RI10-A1C-10GH-76-1	RICHMOND-10W-LED-AC-6000K-Std-M/CELL-E3-RAL7024-76MM-Optic1		LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8.5	76	GRAPHITE
RI10-A1N-10GH-76-1	RICHMOND-10W-LED-AC-4000K-Std-M/CELL-E3-RAL7024-76MM-Optic1		LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8.5	76	GRAPHITE
RI10-A1W-10GH-76-1	RICHMOND-10W-LED-AC-3000K-Std-M/CELL-E3-RAL7024-76MM-Optic1		LED	1,311	10	3000K	RA>80	220-240	115	1,180	118	8.5	76	GRAPHITE
RI10-A1X-10GH-76-1	RICHMOND-10W-LED-AC-2700K-Std-M/CELL-E3-RAL7024-76MM-Optic1		LED	1,269	10	2700K	RA>80	220-240	115	1,142	114	8.5	76	GRAPHITE
10W - DALI - GRAPHITE GREY - 76MM SPIGOT - ARCHITECTURAL STREET LIGHT														
RI10-A1C-20GH-76-1	RICHMOND-10W-LED-AC-6000K-DALI-RAL7024-76MM-Optic1		LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8	76	GRAPHITE
RI10-A1N-20GH-76-1	RICHMOND-10W-LED-AC-4000K-DALI-RAL7024-76MM-Optic1		LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8	76	GRAPHITE
RI10-A1W-20GH-76-1	RICHMOND-10W-LED-AC-3000K-DALI-RAL7024-76MM-Optic1		LED	1,311	10	3000K	RA>80	220-240	115	1,180	118	8	76	GRAPHITE
RI10-A1X-20GH-76-1	RICHMOND-10W-LED-AC-2700K-DALI-RAL7024-76MM-Optic1		LED	1,269	10	2700K	RA>80	220-240	115	1,142	114	8	76	GRAPHITE
10W - DALI - DALI EMERGENCY - GRAPHITE GREY - 76MM SPIGOT - ARCHITECTURAL STREET LIGHT														
RI10-A1C-21GH-76-1	RICHMOND-10W-LED-AC-6000K-DALI-DALI/E3-RAL7024-76MM-Optic1		LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8.5	76	GRAPHITE
RI10-A1N-21GH-76-1	RICHMOND-10W-LED-AC-4000K-DALI-DALI/E3-RAL7024-76MM-Optic1		LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8.5	76	GRAPHITE
RI10-A1W-21GH-76-1	RICHMOND-10W-LED-AC-3000K-DALI-DALI/E3-RAL7024-76MM-Optic1		LED	1,311	10	3000K	RA>80	220-240	115	1,180	118	8.5	76	GRAPHITE
RI10-A1X-21GH-76-1	RICHMOND-10W-LED-AC-2700K-DALI-DALI/E3-RAL7024-76MM-Optic1		LED	1,269	10	2700K	RA>80	220-240	115	1,142	114	8.5	76	GRAPHITE

(table continued overleaf)

Specifications (Continued)

Richmond 10W LED Wall Light

Item Number	Description	Light Source	LED Rating (Lm)	Total System Power (cW)	CCT (K)	CRI	Voltage (VDC)	LED Drive Current (mA)	Luminaire Flux (Llm)	Luminaire Efficacy (Llm/cW)	Weight (Kg)	Spigot Size (mm)	Unit Colour
10W - DALI - MINI-PHOTOCELL - GRAPHITE GREY - 76MM SPIGOT - ARCHITECTURAL STREET LIGHT													
RI10-A1C-24GH-76-1	RICHMOND-10W-LED-AC-6000K-DALI-M/CELL-RAL7024-76MM-OPTIC1	LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8	76	GRAPHITE
RI10-A1N-24GH-76-1	RICHMOND-10W-LED-AC-4000K-DALI-M/CELL-RAL7024-76MM-OPTIC1	LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8	76	GRAPHITE
RI10-A1W-24GH-76-1	RICHMOND-10W-LED-AC-3000K-DALI-M/CELL-RAL7024-76MM-OPTIC1	LED	1,311	10	3000K	RA>80	220-240	115	1,180	118	8	76	GRAPHITE
RI10-A1X-24GH-76-1	RICHMOND-10W-LED-AC-2700K-DALI-M/CELL-RAL7024-76MM-OPTIC1	LED	1,269	10	2700K	RA>80	220-240	115	1,142	114	8	76	GRAPHITE
10W - DALI - MINI-PHOTOCELL - DALI EMERGENCY - GRAPHITE GREY - 76MM SPIGOT - ARCHITECTURAL STREET LIGHT													
RI10-A1C-30GH-76-1	RICHMOND-10W-LED-AC-6000K-DALI-DALI/E3-M/CELL-RAL7024-76MM-OPTIC1	LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8.5	76	GRAPHITE
RI10-A1N-30GH-76-1	RICHMOND-10W-LED-AC-4000K-DALI-DALI/E3-M/CELL-RAL7024-76MM-OPTIC1	LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8.5	76	GRAPHITE
RI10-A1W-30GH-76-1	RICHMOND-10W-LED-AC-3000K-DALI-DALI/E3-M/CELL-RAL7024-76MM-OPTIC1	LED	1,311	10	3000K	RA>80	220-240	115	1,180	118	8.5	76	GRAPHITE
RI10-A1X-30GH-76-1	RICHMOND-10W-LED-AC-2700K-DALI-DALI/E3-M/CELL-RAL7024-76MM-OPTIC1	LED	1,269	10	2700K	RA>80	220-240	115	1,142	114	8.5	76	GRAPHITE
10W - ASTRODIM - MINI PHOTOCELL - BLACK - 76MM SPIGOT - ARCHITECTURAL STREET LIGHT													
RI10-A1C-64GH-76-1	RICHMOND-10W-LED-AC-6000K-ASTRO-M/CELL-RAL7024-76MM-OPTIC1	LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8	76	GRAPHITE
RI10-A1N-64GH-76-1	RICHMOND-10W-LED-AC-4000K-ASTRO-M/CELL-RAL7024-76MM-OPTIC1	LED	1,516	10	6000K	RA>70	220-240	115	1,364	136	8	76	GRAPHITE
RI10-A1W-64GH-76-1	RICHMOND-10W-LED-AC-3000K-ASTRO-M/CELL-RAL7024-76MM-OPTIC1	LED	1,311	10	3000K	RA>80	220-240	115	1,180	118	8	76	GRAPHITE
RI10-A1X-64GH-76-1	RICHMOND-10W-LED-AC-2700K-ASTRO-M/CELL-RAL7024-76MM-OPTIC1	LED	1,269	10	2700K	RA>80	220-240	115	1,142	114	8	76	GRAPHITE

Legend:

Std = Standard. E3 = Emergency. M/Photocell = Mini Photocell. DALI = DALI Driver. DALI/E3 = DALI Emergency. Astro = AstroDIM Driver. X = 2700K (Extra Warm White). W = 3000K (Warm White) . N = 4000K (Neutral White). C = 6000K (Cool White).

Options:

Optic 2= Change ‘GH-76-1’ to ‘GH-76-2’. Optic 3= Change ‘GH-76-1’ to ‘GH-76-3’. Optic 4= Change ‘GH-76-1’ to ‘GH-76-4’. 60mm Spigot = Change ‘76-1’ to ‘60-1’. AstroDIM = Default setting is 100% On / Dim to 30% at middle point of night.

Project Example



Looking for a Different LED Street Light?

We have a collection of LED street lights, with a range of outputs on our website:
www.gemmalighting.com/product-category/led-street-lighting/



Disclaimer:

All figures +/-10% and specified at 25°C ambient unless stated. Due to constant product development and improvements, Gemma Lighting Ltd reserves the right to change specifications without prior notification or public announcement. Information correct at the time of publication; V250403.

Contact Us

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