



**Hazardous**  
Lighting Solutions LTD



## LUXOR LED

*Modern road luminaire with energy-saving LED module*



STREET LIGHTING

### MECHANICAL FEATURES

**Housing Material:** PP + FG

**Optics Material:** PC

**Ingress Protection:** IP65 / IP66

**Impact Resistance:** IK08

**Body Colour:** Grey

### ELECTRICAL FEATURES

**Rated Power:** 17 - 104 W

**Protection Class:** I; II

**Control:** ON / OFF

### WORK PARAMETERS

**Operating Optics:** AR1; AR2; AR3; AR4 (lens matrix)

**Energy Efficiency Class:** C; D; E

### PHOTOMETRICAL PARAMETERS

**Luminous Flux:** 2050 - 12,800 lm

**Luminous Efficacy:** 109 - 151 lm/W

**Colour Temperature:** 3000K / 4000K / 5700K

**CRI (Ra):**  $\geq 80$

**SDCM:** 3; 5

## TYPE COMPARISONS

### LUXOR LED 17W

Colour Temp (K)	Luminous Flux (lm)	Motion Sensor	Optics	Index
3000	2050	No	AR4	≥ 433207
3000	2100	No	AR1	≥ 663376
4000	2250	No	AR4	≥ 433214
4000	2300	No	AR1	≥ 663369
5700	2250	No	AR4	≥ 433221
5700	2300	No	AR1	≥ 663383

### LUXOR LED 37W

Colour Temp (K)	Luminous Flux (lm)	Motion Sensor	Optics	Index
3000	5200	No	AR4	≥ 433238
3000	5350	No	AR1	≥ 663147
4000	5600	No	AR1	≥ 663000
4000	5450	No	AR4	≥ 433252
4000	5450	Yes	AR4	≥ 433245
4000	5600	Yes	AR1	≥ 663114
5700	5450	No	AR4	≥ 433269
5700	5600	No	AR1	≥ 663062
5700	5600	No	AR3	≥ 569173

### LUXOR LED 52W

Colour Temp (K)	Luminous Flux (lm)	Motion Sensor	Optics	Index
3000	5800	No	AR1	≥ 663222
3000	5650	No	AR4	≥ 433276
4000	5950	No	AR4	≥ 433283
4000	6100	No	AR1	≥ 66208
5700	6100	No	AR1	≥ 663215

## TYPE COMPARISONS

### LUXOR LED 53W

Colour Temp (K)	Luminous Flux (lm)	Motion Sensor	Optics	Index
3000	6750	No	AR4	≥ 433306
3000	6950	No	AR1	≥ 663154
4000	7100	No	AR4	≥ 433320
4000	7300	No	AR1	≥ 663017
4000	7100	Yes	AR4	≥ 433313
4000	7300	Yes	AR1	≥ 663321
5700	7300	No	AR1	>> 663079
5700	7100	No	AR4	>> 433337

### LUXOR LED 69W

Colour Temp (K)	Luminous Flux (lm)	Motion Sensor	Optics	Index
3000	8400	Yes	AR4	≥ 433344
3000	8650	No	AR1	≥ 663161
3000	8400	No	AR4	≥ 433351
4000	8850	Yes	AR4	≥ 433368
4000	8850	No	AR4	≥ 433375
4000	9100	Yes	AR1	≥ 663338
4000	9100	No	AR1	≥ 663024
5700	8850	No	AR4	≥ 433382
5700	9100	No	AR1	≥ 663086

### LUXOR LED 103W

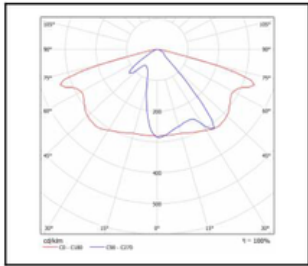
Colour Temp (K)	Luminous Flux (lm)	Motion Sensor	Optics	Index
3000	12200	No	AR2	≥ 664823
4000	12800	No	AR2	≥ 664816
5700	12800	No	AR2	≥ 664809

## TYPE COMPARISONS

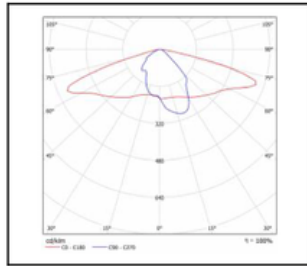
### LUXOR LED 104W

Colour Temp (K)	Luminous Flux (lm)	Motion Sensor	Optics	Index
5700	12800	Yes	AR2	≥ 569555

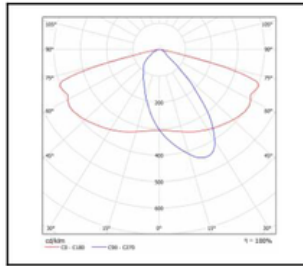
## LUMINOUS INTENSITY DISTRIBUTION. CURVE



AR1 od 17W do 69W








AR2 80W i 103W



AR3 od 17W do 69W

## ACCESSORIES

Illustration	Product Title
	Pole adapter 80/60 ALU (598357)
	Wall holder (grey) (314056)
	Adjustable bracket Luxor LED / Luxor LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED (UL00214)
	HAI HD05R RC Programming Remote Control for HD0406VRH IoT (WSEL431)
	Wall holder (galvanized) (314049)