



IP66 IK10 CLASS I F MARK CE

# COMMODORE

A high performance, LED vapour proof incorporating innovative duo-therm technology that extends the life of the LED. Ideally suited to damp and dusty environments, the Commodore is available in various sizes and lumen outputs for maximum design flexibility.

# COMMODORE LED

## FEATURES & BENEFITS

- > Incorporates innovative duo-therm technology that extends the life of the LED
- > Average rated LED life: >54,000hrs (L80/B10)
- > Quick and easy installation
- > Optimum colour consistency—single bin 3 step MacAdam ellipse tolerance

## PERFORMANCE

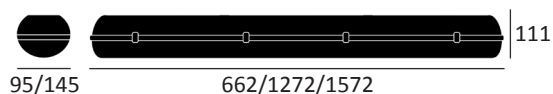
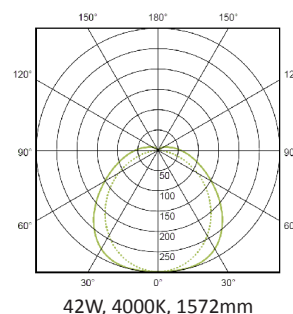
Light source	LED
LED output	2290lm - 11470lm
Luminaire output	2080lm - 10290lm
Luminaire efficiency	≥122lm/W
CRI	>80

## MATERIALS

Body	Polycarbonate
Finish	Grey
Diffuser	Opal polycarbonate TP(a)
External fixings	Reinforced fibreglass clips

## OPTIONS

- > Stainless steel clips
- > 2-step MacAdam ellipse tolerance, CRI 90
- > PIR for enhanced energy savings
- > 3000K
- > Suspension kit
- > Internal fuse and LSOH cables



LAMP	COLOUR TEMP	DELIVERED LUMENS	DIMENSIONS	STANDARD	DALI	EMERGENCY	
						STANDARD	DALI
17W	4000K	2080lm	662 x 95 x 111	21306701	21306703	21306791	21306793
30W	4000K	4110lm	662 x 145 x 111	21306901	21306903	21306991	21306993
30W	4000K	4160lm	1272 x 95 x 111	21307101	21307103	21307191	21307193
42W	4000K	6260lm	1272 x 95 x 111	21307301	21307303	21307391	21307393
58W	4000K	8230lm	1272 x 145 x 111	21307501	21307503	21307591	21307593
29W	4000K	4000lm	1572 x 95 x 111	21307701	21307703	21307791	21307793
37W	4000K	5200lm	1572 x 95 x 111	21307901	21307903	21307991	21307993
54W	4000K	7500lm	1572 x 145 x 111	21308101	21308103	21308191	21308193
72W	4000K	10290lm	1572 x 145 x 111	21308301	21308303	21308391	21308393



IP66 IK05 CLASS I 650° C E

# ATOM LED

A high powered, surface mounted or suspended high bay LED luminaire with deep cooling fins for excellent thermal management.

# ATOM LED

## FEATURES & BENEFITS

- > Non-corrosive
- > Surge protection up to 6Kv
- > NTC thermal sensor
- > Long rated LED life: >77,000hrs (L80/B10) (Ta 25°C)
- > Fast plug connector supplied as standard for easy installation
- > Optimum colour consistency—3 step MacAdam
- > Excellent heat sink for effective thermal management
- > Airtight cable compartment integrated into the main body for excellent electrical and thermal insulation of the driver

## PERFORMANCE

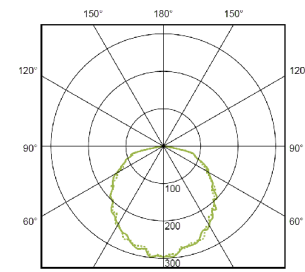
Light source	LED (Samsung)
LED output	7380 - 27240lm
Luminaire output	6515 - 24080lm
Lumen efficiency	≥131lm/W
CRI	80
Beam angle	120 degrees

## MATERIALS

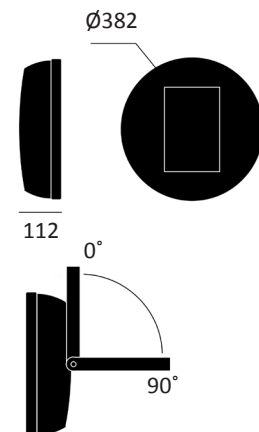
Body	Die-cast aluminium
Finish	Anthracite grey (RAL 7039)
Diffuser	Methacrylate
Mounting	Surface - wall/ceiling rotating bracket Suspension ring with 4 steel cables

## OPTIONS

- > Customised outputs on request
- > Protection grid
- > 3000K / 5000K
- > 90° beam
- > Tempered glass

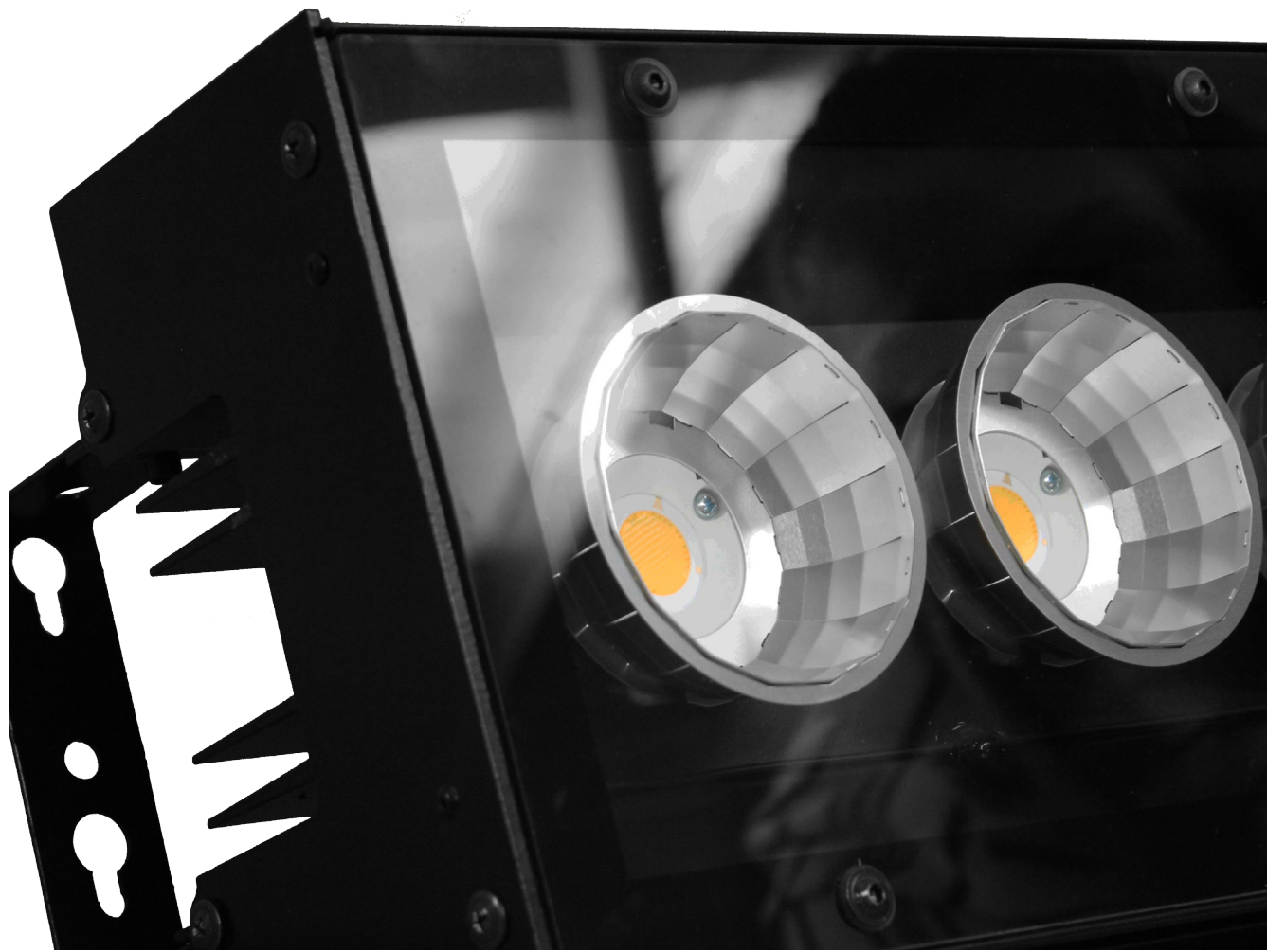


92W, 4000K



LAMP	COLOUR TEMP	DELIVERED LUMENS	MOUNTING	STANDARD	DALI	EMERGENCY	
						STANDARD	DALI
45W	4000K	6515lm	Surface	76300101	76300103	76300191	76300193
92W	4000K	12040lm	Surface	76300201	76300203	76300291	76300293
138W	4000K	18060lm	Surface	76300301	76300303	76300391	76300393
184W	4000K	24080lm	Surface	76300401	76300403	76300491	76300493
45W	4000K	6515lm	Suspended	76300501	76300503	76300591	76300593
92W	4000K	12040lm	Suspended	76300601	76300603	76300691	76300693
138W	4000K	18060lm	Suspended	76300701	76300703	76300791	76300793
184W	4000K	24080lm	Suspended	76300801	76300803	76300891	76300893





IP65 IK08 CLASS I CE

# ELITE LINE LED

A high performance, energy efficient LED linear industrial high bay luminaire, which is ideally suited to warehouses, halls, production areas and other similar environments.

# ELITE LINE LED

## FEATURES & BENEFITS

- > High powered LED light source
- > Design flexibility - various lumen outputs
- > Average rated LED life: >83,000hrs (L90/B10) - maintenance free
- > Optimum colour consistency - 2 step MacAdam ellipse tolerance

## PERFORMANCE

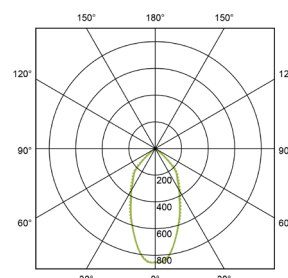
Light source	LED
Distribution	Direct
LED output	17160 - 34320lm
Luminaire output	12144 - 29831lm
Luminaire efficiency	≥98lm/W
CRI	>80
Beam angle	Narrow / Medium / Wide

## MATERIALS

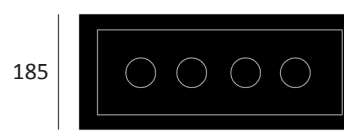
Body	Aluminium
Finish	Black (RAL 9005)
Diffuser	Tempered glass
Mounting	Surface/Suspended

## OPTIONS

- > Suspension kit
- > Reduced and higher outputs



166W, 4000K, medium beam



449/599/751

LAMP	COLOUR TEMP	DELIVERED LUMENS	BEAM	DIMENSIONS	STANDARD	DALI
125W	4000K	12144lm	Narrow	449x185x160	61103001	61103003
125W	4000K	14246lm	Medium	449x185x160	61103101	61103103
125W	4000K	14915lm	Wide	449x185x160	61103201	61103203
166W	4000K	16192lm	Narrow	449x185x160	61103301	61103303
166W	4000K	18995lm	Medium	449x185x160	61103401	61103403
166W	4000K	19887lm	Wide	449x185x160	61103501	61103503
208W	4000K	20240lm	Narrow	599x185x160	61103601	61103603
208W	4000K	23744lm	Medium	599x185x160	61103701	61103703
208W	4000K	24859lm	Wide	599x185x160	61103801	61103803
249W	4000K	24288lm	Narrow	751x185x160	61103901	61103903
249W	4000K	28492lm	Medium	751x185x160	61104001	61104003
249W	4000K	29831lm	Wide	751x185x160	61104101	61104103

## SONATA LED

IP54

CLASS  
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C E

## FEATURES &amp; BENEFITS

- > Multiple outputs, lengths, beams and finishes
- > Long rated LED life: >50,000hrs (L80/B10)
- > Optimum colour consistency—3 step MacAdam ellipse tolerance
- > Uniform illumination

## PERFORMANCE

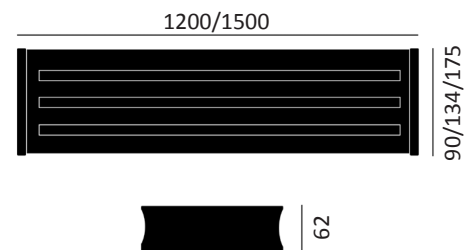
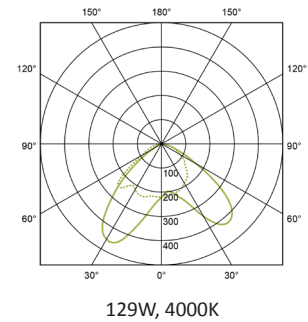
Light source	LED
Distribution	Symmetric/Asymmetric
Luminaire output	8804 - 26956lm
Lumen efficiency	≥137lm/W
CRI	>80
Beam angle	30°/60°/90°

## MATERIALS

Body	Aluminium
Finish	White
Diffuser	Tempered glass
Mounting	Surface/Suspended

## OPTIONS

- > 3hr emergency
- > Grey or black finish
- > 3000K / 5000K
- > Asymmetric distribution



# SONATA LED

LAMP	COLOUR TEMP	DELIVERED LUMENS	BEAM ANGLE	DIMENSIONS	STANDARD	DALI
62W	4000K	8804lm	30°	1200 x 90 x 62	64600101	64600103
95W	4000K	13395lm	30°	1500 x 90 x 62	64600201	64600203
97W	4000K	13304lm	30°	1200 x 134 x 62	64600301	64600303
145W	4000K	20358lm	30°	1500 x 134 x 62	64600401	64600403
129W	4000K	17693lm	30°	1200 x 175 x 62	64600501	64600503
195W	4000K	26956lm	30°	1500 x 175 x 62	64600601	64600603
62W	4000K	8804lm	60°	1200 x 90 x 62	64600701	64600703
95W	4000K	13395lm	60°	1500 x 90 x 62	64600801	64600803
97W	4000K	13304lm	60°	1200 x 134 x 62	64600901	64600903
145W	4000K	20358lm	60°	1500 x 134 x 62	64601001	64601003
129W	4000K	17693lm	60°	1200 x 175 x 62	64601101	64601103
195W	4000K	26956lm	60°	1500 x 175 x 62	64601201	64601203
62W	4000K	8804lm	90°	1200 x 90 x 62	64601301	64601303
95W	4000K	13395lm	90°	1500 x 90 x 62	64601401	64601403
97W	4000K	13304lm	90°	1200 x 134 x 62	64601501	64601503
145W	4000K	20358lm	90°	1500 x 134 x 62	64601601	64601603
129W	4000K	17693lm	90°	1200 x 175 x 62	64601701	64601703
195W	4000K	26956lm	90°	1500 x 175 x 62	64601801	64601803







IP20 IK04 CLASS I CE

# CAYENNE LED

A multi-directional, low bay LED luminaire available in a narrow and wide range of light distribution.

Ideal for aisle lighting in warehouses as well as industrial and retail environments.

# CAYENNE LED

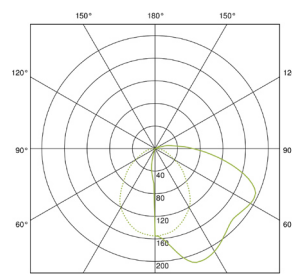
## FEATURES & BENEFITS

- > Maximum design flexibility - symmetric or asymmetric light distribution
- > Long rated LED life: >60,000hrs (L90/B10)
- > Optimum colour consistency—3 step MacAdam ellipse tolerance



## PERFORMANCE

Light source	LED
Emission	Direct
Distribution	Symmetric/Asymmetric
LED output	5568 - 13920lm (SYM) 2784 - 7068lm (ASYM)
Luminaire output	4451 - 11126 (SYM) 2223 - 5644 (ASYM)
Luminaire efficiency	≥ 118lm/W
CRI	>80



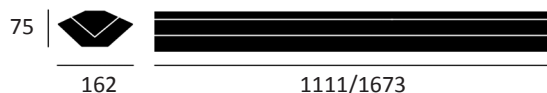
Symmetric 18W, 4000K

## MATERIALS

Body	Sheet steel
Finish	White
Diffuser	Microprism
Mounting	Surface/suspended

## OPTIONS

- > 3hr emergency
- > 3000K
- > Internal fuse and LSOH cables



LAMP	COLOUR TEMP	DELIVERED LUMENS	DISTRIBUTION	DIMENSIONS	STANDARD	DALI
36W	4000K	4451lm	Symmetric	1111 x 162 x 75	60501801	60501803
54W	4000K	6676lm	Symmetric	1673 x 162 x 75	60502001	60502003
62W	4000K	7533lm	Symmetric	1111 x 162 x 75	60502201	60502203
90W	4000K	11126lm	Symmetric	1673 x 162 x 75	60502401	60502403
18W	4000K	2223lm	Asymmetric	1111 x 162 x 75	60502601	60502603
27W	4000K	3335lm	Asymmetric	1673 x 162 x 75	60502801	60502803
32W	4000K	3763lm	Asymmetric	1111 x 162 x 75	60503001	60503003
47W	4000K	5644lm	Asymmetric	1673 x 162 x 75	60503201	60503203





IP66 IK05 CLASS I CE

# SCIROCCO

A technically advanced, sealed surface mounted LED luminaire for sports facilities, exhibition halls, warehouses and industrial facilities.

# SCIROCCO LED

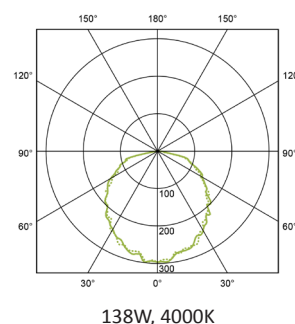
## FEATURES & BENEFITS

- > High-powered LED light source
- > Non-corrosive due to degreasing and phosphochromatizing process
- > Fast plug connector - for easy installation
- > Long rated LED life >74,000hrs (L80/B10)
- > Optimum colour consistency—3 step MacAdam
- > Excellent heat sink for effective thermal management
- > Surge protection up to 6/8Kv



## PERFORMANCE

Light source	LED (Samsung)
Light distribution	Symmetric / Asymmetric
LED output	15760 - 27240lm
Luminaire output	13200 - 24400lm
Luminaire efficiency	≥106lm/W
CRI	>80
Beam angle	90° / 120° (SYM) 55° (ASYM)

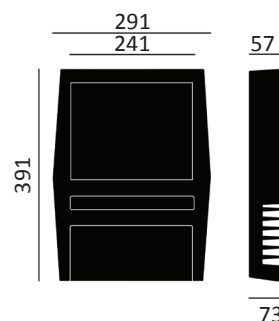


## MATERIALS

Body	Die-cast aluminium
Finish	Silver (RAL 9006)
Diffuser	Transparent PMMA
Mounting	Surface

## OPTIONS

- > Wall / Ceiling rotating bracket
- > Protection grid
- > 3000K / 5000K



LAMP	COLOUR TEMP	DELIVERED LUMENS	DISTRIBUTION	STANDARD	DALI
99W	4000K	13200lm	Asymmetric	71600101	71600103
138W	4000K	17100lm	Asymmetric	71600201	71600203
184W	4000K	22810lm	Asymmetric	71600301	71600303
99W	4000K	14120lm	Symmetric 90°	71600401	71600403
138W	4000K	18300lm	Symmetric 90°	71600501	71600503
184W	4000K	24400lm	Symmetric 90°	71600601	71600603
99W	4000K	13930lm	Symmetric 120°	71600701	71600703
138W	4000K	18060lm	Symmetric 120°	71600801	71600803
184W	4000K	24080lm	Symmetric 120°	71600901	71600903



IP65 CLASS II CE

# PITCH LED

A high powered LED floodlight in a modular design with various lumen outputs to suit a wide number of applications.

Ideal for sports fields, tennis courts, warehouses, gymnasiums, workshops and parking areas.



# PITCH LED

## FEATURES & BENEFITS

- > Various sizes and lumen outputs
- > Long LED life: >97,000hrs (L80/B50) 155,000hrs (L70/B50)
- > Meanwell driver (PF>0.95)
- > Adjustable non-corrosive angle bracket
- > Optimum colour consistency—3 step MacAdam ellipse tolerance
- > Large heat sink for effective thermal management

## PERFORMANCE

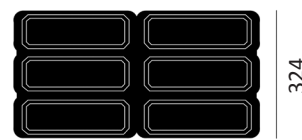
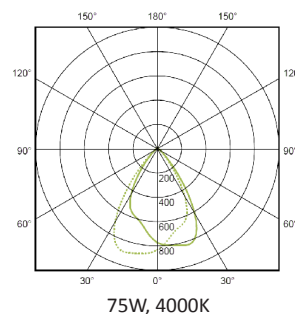
Light source	LED (Osram)
Distribution	Asymmetric
Luminaire output	8518 - 136545lm
Lumen efficiency	≥122lm/W
CRI	80
Beam angle	60°
Operating temp	-20°C to +50°C

## MATERIALS

Body	Die-cast aluminium
Finish	Black
Diffuser	Polycarbonate with silicone gasket

## OPTIONS

- > 90° beam angle
- > DALI



628 450W



320



85

275

LAMP	COLOUR TEMP	DELIVERED LUMENS	BEAM ANGLE	DIMENSIONS	STANDARD
75W	4000K	8518lm	60°	320x130x225	25700101
450W	4000K	52131lm	60°	628x324x275	25700201
900W	4000K	100962lm	60°	628x690x390	25700301
1200W	4000K	136545lm	60°	628x910x390	25700401

# UNO LED

IP20 CLASS I CE

A cost-effective, multi-purpose LED batten suitable for commercial and industrial applications.

## FEATURES & BENEFITS

- > Ideal replacement for traditional fluorescent battens
- > Easy installation
- > Average rated LED life >30,000hrs

## PERFORMANCE

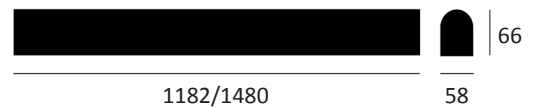
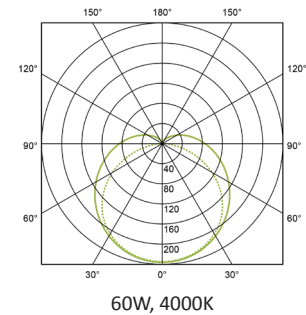
Light source	LED
Emission	Direct
Luminaire output	4400 - 7710lm
Luminaire efficiency	≥73lm/W
CRI	>80
Beam angle	120°

## MATERIALS

Body	Iron sheet
Finish	White
Diffuser	Microprism
Louvre	Anodised aluminium
Mounting	Surface

## OPTIONS

- > 3hr emergency



LAMP	COLOUR TEMP	DELIVERED LUMENS	DIMENSIONS	STANDARD	DALI
60W	3000K	4400lm	1182 x 58 x 66	23100101	23100103
60W	4000K	4600lm	1182 x 58 x 66	23100201	23100203
90W	3000K	7500lm	1480 x 58 x 66	23100301	23100303
90W	4000K	7710lm	1480 x 58 x 66	23100401	23100403

# ZAGATO LED

IP54 CLASS I CE

A cost-effective, general purpose, linear LED luminaire providing an attractive alternative to a standard vapour proof.

## FEATURES & BENEFITS

- > Excellent uniformity and quality of light
- > Average rated LED life: >50,000hrs - maintenance free
- > Optimum colour consistency—3 step MacAdam ellipse tolerance

## PERFORMANCE

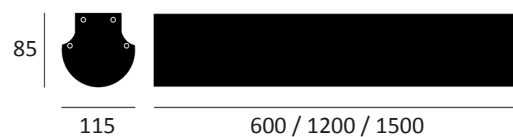
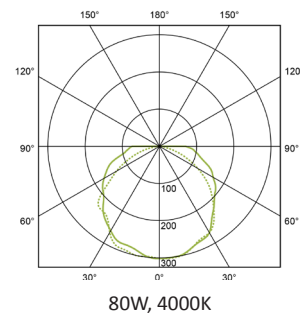
Light source	LED
Light distribution	Direct
Luminaire output	1554 - 7797lm
Luminaire efficiency	≥108lm/W
CRI	>80

## MATERIALS

Body	Aluminium
Finish	Grey / White / Black
Diffuser	Satin opal polycarbonate TP(a)

## OPTIONS

- > 3hr emergency
- > DALI
- > IP65 version
- > Other RAL finishes
- > 3000K



LAMP	COLOUR TEMP	DELIVERED LUMENS	DIMENSIONS	GREY	WHITE	BLACK
14W	4000K	1554lm	600 x 115 x 85	26000101	26000701	26001301
28W	4000K	3108lm	600 x 115 x 85	26000201	26000801	26001401
29W	4000K	3132lm	1200 x 115 x 85	26000301	26000901	26001501
55W	4000K	6270lm	1200 x 115 x 85	26000401	26001001	26001601
36W	4000K	3888lm	1500 x 115 x 85	26000501	26001101	26001701
69W	4000K	7797lm	1500 x 115 x 85	26000601	26001201	26001801



IP69 IK10 950° CLASS I CE

# RENEGADE LED

A vandal-resistant, IP69 tubular LED luminaire, designed for individual or continuous mounting, that offers total protection against dust and water penetration and allows it to be cleaned with pressure jets.

Ideal for a wide range of applications including food processing and industrial installations, warehouses, loading areas, sports centres, stadia, transport terminals, coastal and saline environments.

# RENEGADE LED

## FEATURES & BENEFITS

- > Excellent uniformity and quality of light
- > Non-corrosive
- > Quick connectors for easy installation
- > Average rated LED life: >50,000hrs - maintenance free
- > Optimum colour consistency—3 step MacAdam ellipse tolerance
- > Photobiological risk group RG1

## PERFORMANCE

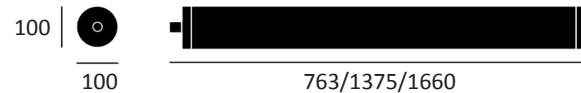
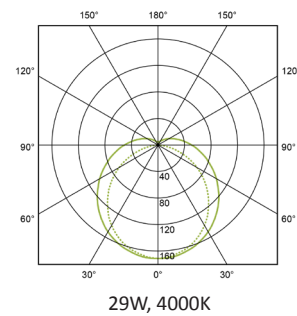
Light source	LED
LED output	1550 - 6700lm
Luminaire output	1037 - 4481lm
Luminaire efficiency	≥80lm/W
CRI	>80
UGR	<19

## MATERIALS

Body	Polycarbonate
Reflector	High gloss aluminium
End caps	Stainless steel

## OPTIONS

- > 3hr emergency
- > Continuous line joining kit
- > Suspension kit
- > Anti-vandal polycarbonate clamps
- > 3000K



LAMP	COLOUR TEMP	DELIVERED LUMENS	DIMENSIONS	STANDARD	DALI
13W	4000K	1037lm	Ø100 x 763	20802001	20802003
16W	4000K	1786lm	Ø100 x 763	20802101	20802103
24W	4000K	2140lm	Ø100 x 1375	20802201	20802203
32W	4000K	3571lm	Ø100 x 1375	20802301	20802303
29W	4000K	2675lm	Ø100 x 1660	20802401	20802403
40W	4000K	4481lm	Ø100 x 1660	20802501	20802503





IP20 IK10 CLASS I CE

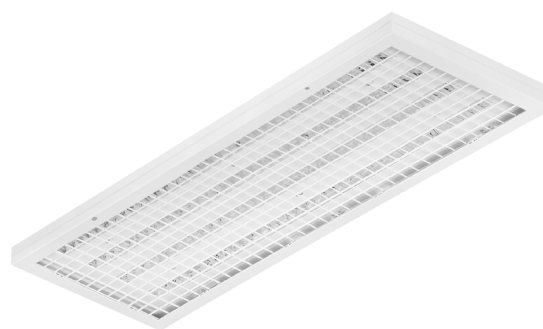
# SPORTAGE

A surface mounted, high output LED luminaire with a protective grid designed for the illumination of sports halls, tennis and squash courts.

# SPORTAGE LED

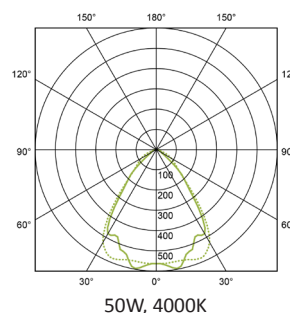
## FEATURES & BENEFITS

- > Impact resistant protection grid
- > Symmetrically placed louvres to increase light output up to 20000lm
- > Average rated LED life: >52,000hrs (L90/B10)
- > Optimum colour consistency - 3 step MacAdam ellipse tolerance
- > DIN 18032-3:1997-04 and DIN EN 13964:2014-08 certified



## PERFORMANCE

Light source	LED
Emission	Direct
LED output	7690 - 25640lm
Luminaire output	6000 - 20000lm
Luminaire efficiency	≥120lm/W
CRI	83
Beam angle	Mid beam

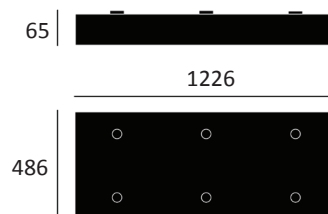


## MATERIALS

Body	Sheet steel
Finish	White
Diffuser	Microprism
Louvre	Anodised aluminium
Mounting	Surface

## OPTIONS

- > 3hr emergency
- > Internal fuse and LSOH cables



LAMP	COLOUR TEMP	DELIVERED LUMENS	STANDARD	DALI	EMERGENCY STANDARD	DALI
50W	3000K	6000lm	24800801	24800803	24800891	24800893
50W	4000K	6150lm	24800901	24800903	24800991	24800993
100W	3000K	12060lm	24801001	24801003	24801091	24801093
100W	4000K	12300lm	24801101	24801103	24801191	24801193
145W	3000K	19500lm	24801201	24801203	24801291	24801293
145W	4000K	20000lm	24801301	24801303	24801391	24801393