



IP20 IK04 CLASS I CE

# CAPRICE LED

A high output, lay-in modular 600x600 LED luminaire with central flush basket and microprism diffuser providing uniform direct and indirect light distribution.

Suitable for schools, offices, libraries and other public areas.

# CAPRICE LED

## FEATURES & BENEFITS

- > Microprism diffuser with light transparency  $\geq 90\%$
- > Fully LG7 compliant
- > Average rated LED life:  $>60,000$ hrs - (L80/B10)
- > High visual comfort - low glare
- > Optimum colour consistency - 3 step MacAdam ellipse tolerance
- > Photobiological hazard: RG0

## PERFORMANCE

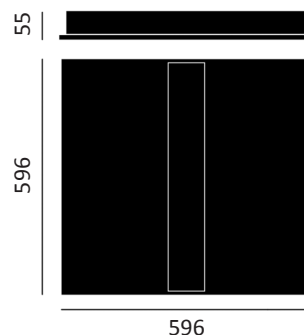
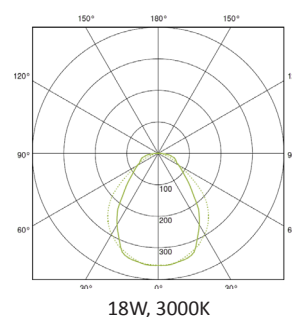
Light source	LED
Emission	Direct & Indirect
LED output	2540 - 9424lm
Luminaire output	1929 - 7360lm
Luminaire efficiency	$\geq 104$ lm/W
CRI	$>80$
UGR	$<19$

## MATERIALS

Body	Sheet steel
Finish	White
Diffuser	Microprism TP(a)

## OPTIONS

- > 2 step MacAdam, CRI  $>90$
- > Tuneable white
- > Internal fuse and LSOH cable



LAMP	COLOUR TEMP	DELIVERED LUMENS	DIMENSIONS	STANDARD	DALI	EMERGENCY	
						STANDARD	DALI
18W	3000K	1929lm	596 x 596	10700501	10700503	10700591	10700593
18W	4000K	2114lm	596 x 596	10700601	10700603	10700691	10700693
32W	3000K	3343lm	596 x 596	10700901	10700903	10700991	10700993
32W	4000K	3578lm	596 x 596	10701001	10701003	10701091	10701093
45W	3000K	5018lm	596 x 596	10701101	10701103	10701191	10701193
45W	4000K	5404lm	596 x 596	10701201	10701203	10701291	10701293
32W	3000K	3343lm	296 x 1196	10701301	10701303	10701391	10701393
32W	4000K	3578lm	296 x 1196	10701401	10701403	10701491	10701493
62W	3000K	6876lm	296 x 1196	10701501	10701503	10701591	10701593
62W	4000K	7360lm	296 x 1196	10701601	10701603	10701691	10701693

# CAPRICE

## CONCEALED GRID LED

IP20 IK04 CLASS I C E

### FEATURES & BENEFITS

- > Suitable for concealed grid ceiling systems - SAS / Burgess / Armstrong
- > Microprism diffuser with light transparency  $\geq 90\%$
- > High visual comfort - low glare
- > Average rated LED life:  $>60,000$ hrs - (L80/B10)
- > Optimum colour consistency - 3 step MacAdam ellipse tolerance
- > Fully LG7 compliant
- > Photobiological hazard: RG0

### PERFORMANCE

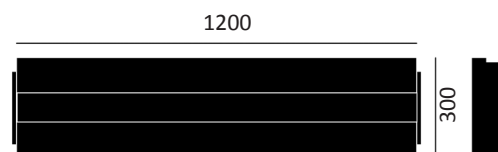
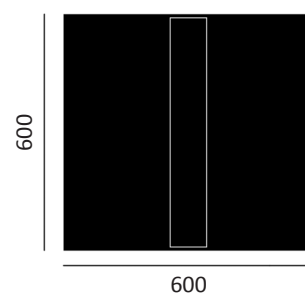
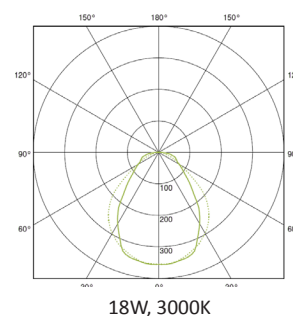
Light source	LED
Emission	Direct & Indirect
LED output	2540 - 9424lm
Luminaire output	1929 - 7364lm
Luminaire efficiency	$\geq 104$ lm/W
CRI	$>80$
UGR	$<19$

### MATERIALS

Body	Sheet steel
Finish	White
Diffuser	Microprism TP(a)

### OPTIONS

- > 2 step MacAdam, CRI  $>90$
- > Tuneable white
- > Internal fuse and LSOH cable



Exact measurements depend on the type of ceiling

# CAPRICE CONCEALED GRID LED

LAMP	COLOUR TEMP	DELIVERED LUMENS	NOMINAL DIMENSIONS	CEILING TYPE	STANDARD	DALI	EMERGENCY	
							STANDARD	DALI
18W	3000K	1929lm	600 x 600	SAS	13500101	13500103	13500191	13500193
18W	4000K	2114lm	600 x 600	SAS	13500201	13500203	13500291	13500293
32W	3000K	3343lm	600 x 600	SAS	13500301	13500303	13500391	13500393
32W	4000K	3578lm	600 x 600	SAS	13500401	13500403	13500491	13500493
45W	3000K	5018lm	600 x 600	SAS	13500501	13500503	13500591	13500593
45W	4000K	5404lm	600 x 600	SAS	13500601	13500603	13500691	13500693
32W	3000K	3343lm	300 x 1200	SAS	13500701	13500703	13500791	13500793
32W	4000K	3578lm	300 x 1200	SAS	13500801	13500803	13500891	13500893
62W	3000K	6878lm	300 x 1200	SAS	13500901	13500903	13500991	13500993
62W	4000K	7364lm	300 x 1200	SAS	13501001	13501003	13501091	13501093
18W	3000K	1929lm	600 x 600	Burgess	13501101	13501103	13501191	13501193
18W	4000K	2114lm	600 x 600	Burgess	13501201	13501203	13501291	13501293
32W	3000K	3343lm	600 x 600	Burgess	13501301	13501303	13501391	13501393
32W	4000K	3578lm	600 x 600	Burgess	13501401	13501403	13501491	13501493
45W	3000K	5018lm	600 x 600	Burgess	13501501	13501503	13501591	13501593
45W	4000K	5404lm	600 x 600	Burgess	13501601	13501603	13501691	13501693
32W	3000K	3343lm	300 x 1200	Burgess	13501701	13501703	13501791	13501793
32W	4000K	3578lm	300 x 1200	Burgess	13501801	13501803	13501891	13501893
62W	3000K	6878lm	300 x 1200	Burgess	13501901	13501903	13501991	13501993
62W	4000K	7364lm	300 x 1200	Burgess	13502001	13502003	13502091	13502093
18W	3000K	1929lm	600 x 600	Armstrong	13502101	13502103	13502191	13502193
18W	4000K	2114lm	600 x 600	Armstrong	13502201	13502203	13502291	13502293
32W	3000K	3343lm	600 x 600	Armstrong	13502301	13502303	13502391	13502393
32W	4000K	3578lm	600 x 600	Armstrong	13502401	13502403	13502491	13502493
45W	3000K	5018lm	600 x 600	Armstrong	13502501	13502503	13502591	13502593
45W	4000K	5404lm	600 x 600	Armstrong	13502601	13502603	13502691	13502693
32W	3000K	3343lm	300 x 1200	Armstrong	13502701	13502703	13502791	13502793
32W	4000K	3578lm	300 x 1200	Armstrong	13502801	13502803	13502891	13502893
62W	3000K	6878lm	300 x 1200	Armstrong	13502901	13502903	13502991	13502993
62W	4000K	7364lm	300 x 1200	Armstrong	13503001	13503003	13503091	13503093



IP20 IK04 CLASS I CE

# MUSTANG LED

A recessed lay-in modular LED luminaire providing soft, diffuse illumination without any glare.

Suitable for schools, offices, libraries and other public areas.

# MUSTANG LED

## FEATURES & BENEFITS

- > Microprism diffuser with light transparency  $\geq 90\%$
- > Fully LG7 compliant
- > Average rated LED life:  $>60,000$ hrs - (L80/B10)
- > High visual comfort - low glare
- > High lumen efficiency  $\geq 100$ lm/W
- > Optimum colour consistency - 3 step MacAdam ellipse tolerance
- > Photobiological hazard: RG0

## PERFORMANCE

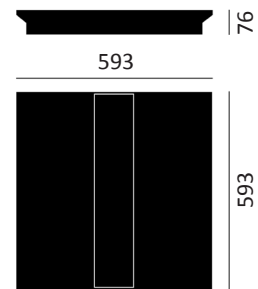
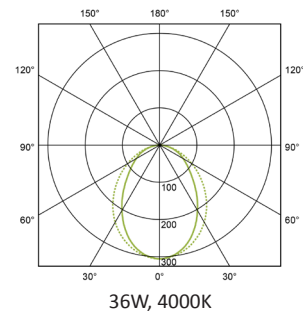
Light source	LED
Emission	Direct & Indirect
LED output	5080 - 9424lm
Luminaire output	3274 - 6074lm
Luminaire efficiency	$\geq 90$ lm/W
CRI	$>80$
UGR	$<19$

## MATERIALS

Body	Sheet steel
Finish	White
Diffuser	Microprism TP(a)

## OPTIONS

- > 2 step MacAdam, CRI  $>90$
- > Internal fuse and LSOH cable



LAMP	COLOUR TEMP	DELIVERED LUMENS	DIMENSIONS	STANDARD	DALI	EMERGENCY	
						STANDARD	DALI
36W	3000K	3274lm	593 x 593	13400101	13400103	13400191	13400193
36W	4000K	3589lm	593 x 593	13400201	13400203	13400291	13400293
62W	3000K	5675lm	593 x 593	13400301	13400303	13400391	13400393
62W	4000K	6074lm	593 x 593	13400401	13400403	13400491	13400493

## CENTRO LED

IP44

CLASS  
II

C E

## FEATURES &amp; BENEFITS

- > Fully LG7 compliant
- > High visual comfort - low glare and zero flicker
- > Average rated LED life: >50,000hrs (L80/B10)
- > Optimum colour consistency - 3 step MacAdam chromaticity tolerance



## PERFORMANCE

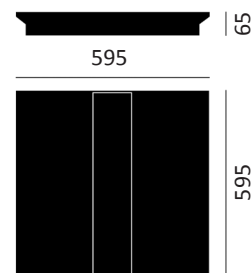
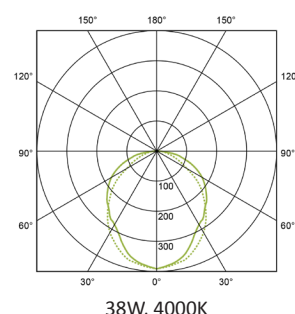
Light source	LED
Luminaire output	2820 - 8657lm
Luminaire efficiency	≥102lm/W
CRI	>80
UGR	<19

## MATERIALS

Body	Sheet steel
Finish	White
Diffuser	Microprism centre, satin opal sides

## OPTIONS

- > Other RAL finishes
- > Internal fuse and LSOH cable



LAMP	COLOUR TEMP	DELIVERED LUMENS	DIMENSIONS	STANDARD	DALI	EMERGENCY STANDARD	DALI
25W	3000K	2820lm	595 x 595 x 65	13600101	13600103	13600191	13600193
25W	4000K	2984lm	595 x 595 x 65	13600201	13600203	13600291	13600293
32W	3000K	3542lm	595 x 595 x 65	13600301	13600303	13600391	13600393
32W	4000K	3749lm	595 x 595 x 65	13600401	13600403	13600491	13600493
38W	3000K	4092lm	595 x 595 x 65	13600501	13600503	13600591	13600593
38W	4000K	4329lm	595 x 595 x 65	13600601	13600603	13600691	13600693
52W	3000K	5304lm	595 x 595 x 65	13600701	13600703	13600791	13600793
52W	4000K	5594lm	595 x 595 x 65	13600801	13600803	13600891	13600893
38W	3000K	4069lm	295 x 1195 x 65	13600901	13600903	13600991	13600993
38W	4000K	4329lm	295 x 1195 x 65	13601001	13601003	13601091	13601093
76W	3000K	8138lm	295 x 1195 x 65	13601101	13601103	13601191	13601193
76W	4000K	8657lm	295 x 1195 x 65	13601201	13601203	13601291	13601293

# PROTON LED

IP20 CLASS I F MARK CE

## FEATURES & BENEFITS

- > Fully LG7 compliant
- > High light transparency
- > Average rated LED life: >54,000hrs (L90/B10)
- > Optimum colour consistency - 3 step MacAdam chromaticity tolerance
- > Two sizes available
- > Photobiological hazard: RG1

## PERFORMANCE

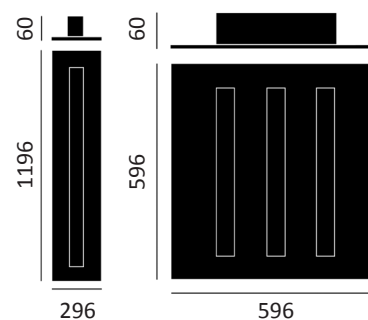
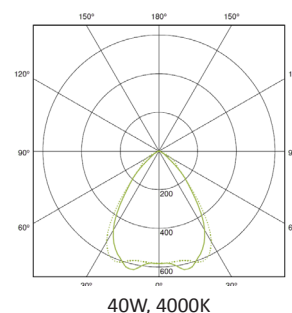
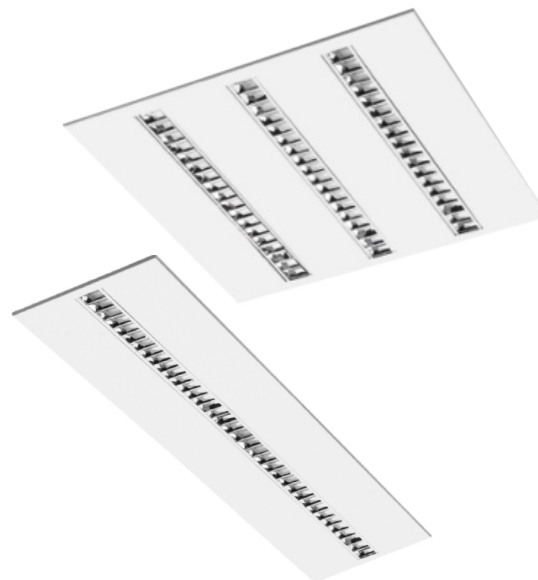
Light source	LED
LED output	3850 - 5880lm
Luminaire output	3250 - 4980lm
Luminaire efficiency	≥120lm/W
CRI	>80
UGR	<19

## MATERIALS

Body	Sheet steel
Finish	White
Louvre	Anodised polished aluminium

## OPTIONS

- > Tuneable white
- > Suspension kit
- > Surface mounting brackets
- > Internal fuse and LSOH cable



LAMP	COLOUR TEMP	DELIVERED LUMENS	DIMENSIONS	STANDARD	DALI	EMERGENCY STANDARD	DALI
27W	3000K	3250lm	596 x 596	12001301	12001303	12001391	12001393
27W	4000K	3320lm	596 x 596	12001401	12001403	12001491	12001493
40W	3000K	4880lm	596 x 596	12001501	12001503	12001591	12001593
40W	4000K	4980lm	596 x 596	12001601	12001603	12001691	12001693
27W	3000K	3250lm	296 x 1196	12001701	12001703	12001791	12001793
27W	4000K	3320lm	296 x 1196	12001801	12001803	12001891	12001893





IP20 IK04 CLASS I CE

# GENESIS LED

A unique, slim, back-lit LED panel with a high photometric performance and a uniform illuminance to fit a lay-in modular or plasterboard ceiling as an option.

# GENESIS LED

## FEATURES & BENEFITS

- > High lumen efficiency
- > Average rated LED life: >60,000hrs (L80/B10)
- > Optimum colour consistency - 3 step MacAdam chromaticity tolerance
- > Suitable for recessed mounting in modular ceilings
- > Photobiological hazard: RG0

## PERFORMANCE

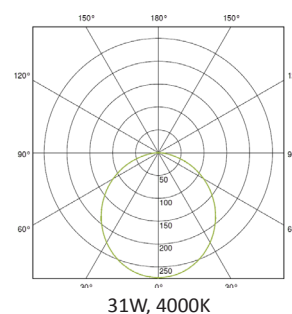
Light source	LED
LED output	2600 - 4400lm
Luminaire output	1911 - 3545lm
Luminaire efficiency	≥100lm/W
CRI	>80

## MATERIALS

Body	Sheet steel
Finish	White
Diffuser	Opal PMMA (85°C glow wire testing)

## OPTIONS

- > 2 step MacAdam, CRI >90
- > Plasterboard ceiling mounting
- > Higher outputs available
- > Microprismatic diffuser
- > Internal fuse and LSOH cable



LAMP	COLOUR TEMP	DELIVERED LUMENS	STANDARD	DALI	EMERGENCY	
					STANDARD	DALI
19W	3000K	1911lm	11200501	11200503	11200591	11200593
18W	4000K	2094lm	11200601	11200603	11200691	11200693
33W	3000K	3312lm	11200701	11200703	11200791	11200793
32W	4000K	3545lm	11200801	11200803	11200891	11200893



IP40 CLASS I F MARK CE

# SIERRA LED

A high efficiency, back lit LED panel with a uniform illuminance to fit a lay-in modular or plasterboard ceiling.

# SIERRA LED

## FEATURES & BENEFITS

- > Uniform light distribution
- > Average rated LED life: >54,000hrs (L90/B10)
- > Optimum colour consistency - 3 step MacAdam chromaticity tolerance
- > Various sizes available
- > Photobiological hazard: RG1

## PERFORMANCE

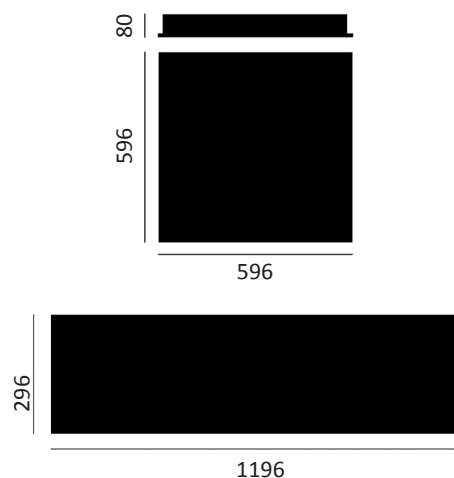
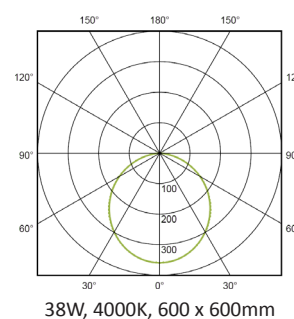
Light source	LED
LED output	3410 - 11340lm
Luminaire output	2700 - 8680lm
Lumen efficiency	≥110lm/W
CRI	>80

## MATERIALS

Body	Sheet steel
Finish	White
Diffuser	Opal polycarbonate TP(a)

## OPTIONS

- > 3000K on request
- > Microprismatic diffuser
- > Microwave sensor for enhanced energy savings
- > Burgess, SAS & Armstrong ceiling versions
- > Tuneable white
- > Internal fuse and LSOH cable



LAMP	COLOUR TEMP	DELIVERED LUMENS	DIMENSIONS	STANDARD	DALI	EMERGENCY STANDARD	DALI
24W	4000K	2700lm	596 x 596	10901201	10901203	10901291	10901293
38W	4000K	4460lm	596 x 596	10901401	10901403	10901491	10901493
27W	4000K	2650lm	296 x 1196	10901601	10901603	10901691	10901693
43W	4000K	4390lm	296 x 1196	10901801	10901803	10901891	10901893
46W	4000K	5220lm	596 x 1196	10902001	10902003	10902091	10902093
76W	4000K	8680lm	596 x 1196	10902201	10902203	10902291	10902293

## SIERRA IP LED

IP65 CLASS I CE

## FEATURES &amp; BENEFITS

- > Uniform light distribution
- > Average rated LED life: >54,000hrs (L80/B10)
- > Optimum colour consistency - 3 step MacAdam chromaticity tolerance
- > Various sizes available
- > Photobiological hazard: RG1

## PERFORMANCE

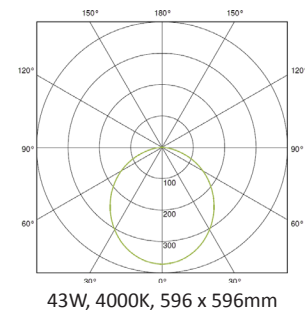
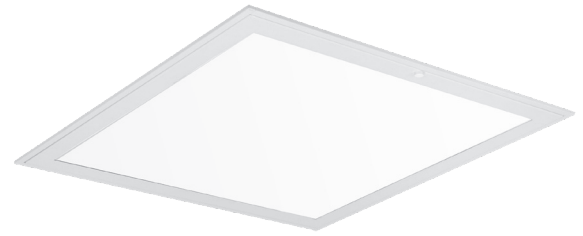
Light source	LED
LED output	6360 - 14480lm
Luminaire output	4010 - 9560lm
Luminaire efficiency	≥93lm/W
CRI	>83

## MATERIALS

Body	Sheet steel
Finish	White
Diffuser	Opal polycarbonate TP(a)

## OPTIONS

- > 2 step MacAdam, CRI >90
- > Other lumen outputs available
- > SAS and Burgess-T ceiling version
- > Tuneable white
- > Internal fuse and LSOH cable



LAMP	COLOUR TEMP	DELIVERED LUMENS	DIMENSIONS	STANDARD	DALI	EMERGENCY STANDARD	DALI
43W	3000K	4170lm	596 x 596	11001501	11001503	11001591	11001593
43W	4000K	4250lm	596 x 596	11001601	11001603	11001691	11001693
43W	3000K	4010lm	296 x 1196	11001701	11001703	11001791	11001793
43W	4000K	4090lm	296 x 1196	11001801	11001803	11001891	11001893
100W	3000K	9380lm	596 x 1196	11001901	11001903	11001991	11001993
100W	4000K	9560lm	596 x 1196	11002001	11002003	11002091	11002093

# SIERRA

## CONCEALED GRID LED

IP40 CLASS I F MARK C E

A high efficiency, back lit LED panel with a uniform illuminance designed to fit an SAS / Burgess / Armstrong style ceiling system. Ideal for offices, corridors and reception areas.

### FEATURES & BENEFITS

- > Uniform light distribution - no spotting
- > Average rated LED life: >54,000hrs (L90/B10)
- > Optimum colour consistency - 3 step MacAdam chromaticity tolerance
- > Multiple sizes available
- > Photobiological hazard: RG1

### PERFORMANCE

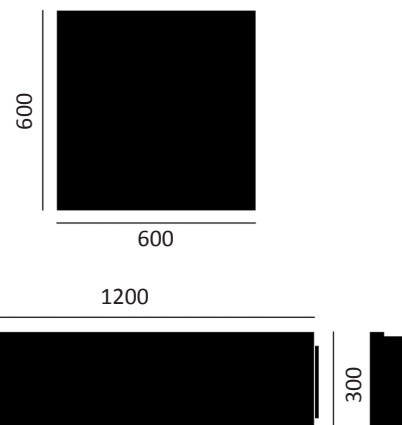
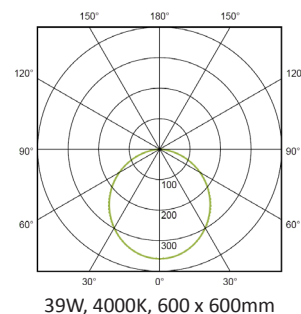
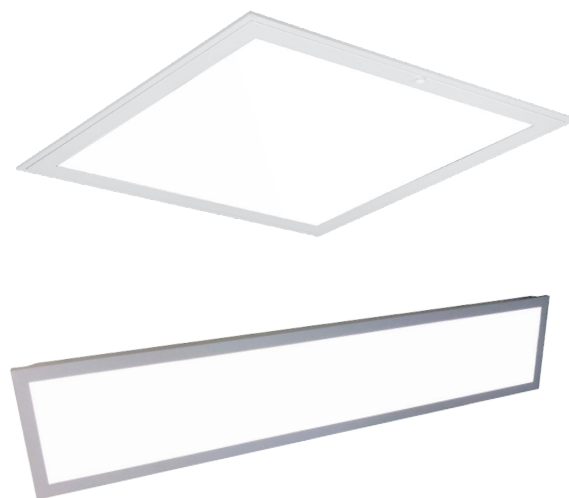
Light source	LED
Luminaire output	3200 - 7744lm
Luminaire efficiency	≥133lm/W
CRI	>80

### MATERIALS

Body	Sheet steel
Finish	White
Diffuser	Opal polycarbonate

### OPTIONS

- > 3000K on request
- > 2 step MacAdam, CRI >90
- > Air handling capability (40-60l/s)
- > Other sizes available
- > Other manufacturer's ceiling tiles
- > Internal fuse and LSOH cable



Exact measurements depend on the type of ceiling

# SIERRA CONCEALED GRID LED

LAMP	COLOUR TEMP	DELIVERED LUMENS	NOMINAL DIMENSIONS	CEILING TYPE	STANDARD	DALI	EMERGENCY	
							STANDARD	DALI
22W	4000K	3200lm	600 x 600	SAS	10810201	10810203	10810291	10810293
30W	4000K	4242lm	600 x 600	SAS	10810401	10810403	10810491	10810493
39W	4000K	5302lm	600 x 600	SAS	10810601	10810603	10810691	10810693
46W	4000K	6221lm	600 x 600	SAS	10810801	10810803	10810891	10810893
53W	4000K	7070lm	600 x 600	SAS	10811001	10811003	10811091	10811093
30W	4000K	4242lm	300 x 1200	SAS	10811201	10811203	10811291	10811293
39W	4000K	5302lm	300 x 1200	SAS	10811401	10811403	10811491	10811493
46W	4000K	6221lm	300 x 1200	SAS	10811601	10811603	10811691	10811693
53W	4000K	7070lm	300 x 1200	SAS	10811801	10811803	10811891	10811893
37W	4000K	5280lm	300 x 1500	SAS	10812001	10812003	10812091	10812093
47W	4000K	6600lm	300 x 1500	SAS	10812201	10812203	10812291	10812293
56W	4000K	7744lm	300 x 1500	SAS	10812401	10812403	10812491	10812493
65W	4000K	8800lm	300 x 1500	SAS	10812601	10812603	10812691	10812693
22W	4000K	3200lm	600 x 600	Burgess	10812801	10812803	10812891	10812893
30W	4000K	4242lm	600 x 600	Burgess	10813001	10813003	10813091	10813093
39W	4000K	5302lm	600 x 600	Burgess	10813201	10813203	10813291	10813293
46W	4000K	6221lm	600 x 600	Burgess	10813401	10813403	10813491	10813493
53W	4000K	7070lm	600 x 600	Burgess	10813601	10813603	10813691	10813693
30W	4000K	4242lm	300 x 1200	Burgess	10813801	10813803	10813891	10813893
39W	4000K	5302lm	300 x 1200	Burgess	10814001	10814003	10814091	10814093
46W	4000K	6221lm	300 x 1200	Burgess	10814201	10814203	10814291	10814293
53W	4000K	7070lm	300 x 1200	Burgess	10814401	10814403	10814491	10814493
22W	4000K	3200lm	600 x 600	Armstrong	10815401	10815403	10815491	10815493
30W	4000K	4242lm	600 x 600	Armstrong	10815601	10815603	10815691	10815693
39W	4000K	5302lm	600 x 600	Armstrong	10815801	10815803	10815891	10815893
46W	4000K	6221lm	600 x 600	Armstrong	10816001	10816003	10816091	10816093
53W	4000K	7070lm	600 x 600	Armstrong	10816201	10816203	10816291	10816293
30W	4000K	4242lm	300 x 1200	Armstrong	10816401	10816403	10816491	10816493
39W	4000K	5302lm	300 x 1200	Armstrong	10816601	10816603	10816691	10816693
46W	4000K	6221lm	300 x 1200	Armstrong	10816801	10816803	10816891	10816893
53W	4000K	7070lm	300 x 1200	Armstrong	10817001	10817003	10817091	10817093





# SMART EDGE LED

A low glare, edge lit LED panel that incorporates the latest micro-smart technology. Achieving a UGR <19, it provides the ideal solution for most office environments and allows architects and consultants to specify with total confidence.



# SMART EDGE LED

## FEATURES & BENEFITS

- > High visual comfort, low glare - UGR<19
- > Quick and easy assembly
- > Homogeneous light distribution - no dark spots
- > Average LED life: >40,000hrs (L80/B10) - maintenance free
- > Optimum colour consistency - 3 step MacAdam ellipse tolerance

## PERFORMANCE

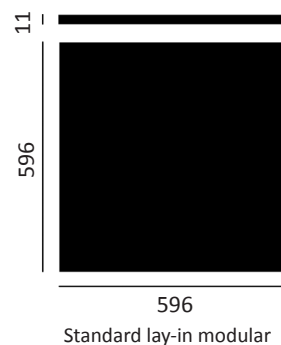
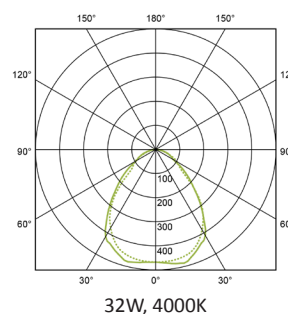
Light source	LED
Luminaire output	3800lm
Luminaire efficiency	≥118lm/W
CRI	90
Beam angle	120 degrees
UGR	<19

## MATERIALS

Body	Aluminium
Finish	White
Diffuser	Microprism TP(a)

## OPTIONS

- > 3hr emergency
- > Surface mounting kit
- > 600x1200mm size
- > Tuneable white - ideal for human centric lighting
- > Internal fuse and LSOH cable



LAMP	COLOUR TEMP	DELIVERED LUMENS	CEILING TYPE	DIMENSIONS (NOMINAL)	STANDARD	DALI	EMERGENCY	
							STANDARD	DALI
32W	4000K	3800lm	Lay-in T15/T25	600x600	13200101	13200103	13200191	13200193
32W	4000K	3800lm	Burgess	600x600	13200201	13200203	13200291	13200293
32W	4000K	3800lm	SAS 330	600x600	13200301	13200303	13200391	13200393
32W	4000K	3800lm	Lay-in T15/T25	300x1200	13200401	13200403	13200491	13200493
32W	4000K	3800lm	Burgess	300x1200	13200501	13200503	13200591	13200593
32W	4000K	3800lm	SAS 330	300x1200	13200601	13200603	13200691	13200693

# SMART EDGE LED

The Smart Edge LED is available with self-contained presence detection for enhanced energy savings. When movement is detected with the sensor, it turns the load on. When an area is no longer occupied, the load will switch off after an adjustable time-out period.

Two sensor options are available depending on the level of adjustability required: DALI PIR or Standard PIR.



Smart Edge LED DALI PIR

## SMART EDGE WITH DALI PIR

A miniature flush mounted DALI PIR is available with various commissioning handset options so that it can be configured to suit the environment.

Professional Handset	Professional infrared handset for operation, configuration and programming of the PIR. Recommended for open plan offices where flexible control of individual luminaires are required.
Programmable Handset	Basic programming. Suitable for small installations.
Personal Handset	Basic individual handset for control of your personal living or workspace.

## SMART EDGE WITH STANDARD PIR

A basic PIR with limited adjustability and basic system functionality.

DIMENSIONS	DETECTION ANGLE	DETECTION RANGE	TIME SETTING	AMBIENT LIGHT
Ø40mm	360°	6m (<24)	10 sec - 7 min	10 - 2000lux (adjustable)

## SMART EDGE NIGHT / SECURITY LED

The Smart Edge LED is also available with an independent switchable night/security IP rated downlight. It is ideal for hospitals and care homes, where observation of patients is required as well as in office buildings for security. The Smart Edge Night/Security LED offers both visual comfort and functionality.



Smart Edge night/security downlight

# SMART EDGE LED

## SMART EDGE DALI PIR (600x600)

LAMP	COLOUR TEMP	DELIVERED LUMENS	CEILING TYPE	DALI	EMERGENCY
32W	4000K	3800lm	Lay-in T15/T25	13260103	13260193
32W	4000K	3800lm	Burgess	13260203	13260293
32W	4000K	3800lm	SAS 330	13260303	13260393

### HANDSET OPTIONS      PART CODE

Professional handset	90113201
Programmable handset	90113202
Personal handset	90113203

## SMART EDGE STANDARD PIR (600x600)

LAMP	COLOUR TEMP	DELIVERED LUMENS	CEILING TYPE	STANDARD	EMERGENCY
32W	4000K	3800lm	Lay-in T15/T25	13280101	13280191
32W	4000K	3800lm	Burgess	13280201	13280291
32W	4000K	3800lm	SAS 330	13280301	13280391

## SMART EDGE NIGHT / SECURITY LED (600x600)

LAMP	COLOUR TEMP	DELIVERED LUMENS	CEILING TYPE	STANDARD	DALI	EMERGENCY	
						STANDARD	DALI
32W + 5W	4000K	3800lm + 550lm	Lay-in T15/T25	13201001	13201003	13201091	13201093
32W + 5W	4000K	3800lm + 550lm	Burgess	13201101	13201103	13201191	13201193
32W + 5W	4000K	3800lm + 550lm	SAS 330	13201201	13201203	13201291	13201293
32W + 7W	4000K	3800lm + 777lm	Lay-in T15/T25	13201301	13201303	13201391	13201393
32W + 7W	4000K	3800lm + 777lm	Burgess	13201401	13201403	13201491	13201493
32W + 7W	4000K	3800lm + 777lm	SAS 330	13201501	13201503	13201591	13201593

An optional surface mounting kit (part code: 90113200) is available with all the above luminaires.





IP40 CLASS I F MARK CE

# CIRCLE LED

A quirky and aesthetic, circular LED luminaire for plasterboard or grid ceilings with a subtle and evenly distributed light beam.

This contemporary luminaire is a perfect choice for corridors, reception areas and meeting rooms.

# CIRCLE LED

## FEATURES & BENEFITS

- > Decorative halo effect
- > Quirky aesthetic design
- > Average rated LED life: >53,000hrs (L90/B10)
- > Optimum colour consistency - 3 step MacAdam chromaticity tolerance
- > Suitable for exposed 600 x 600 or plasterboard ceilings
- > Photobiological hazard: RG1



## PERFORMANCE

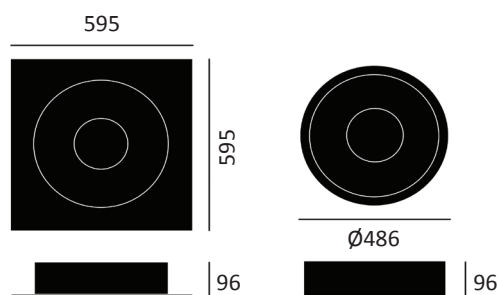
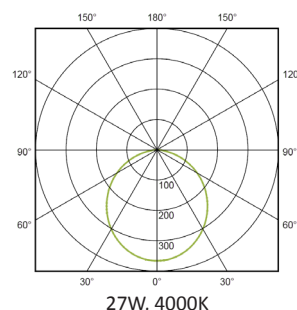
Light source	LED
LED output	4480 - 4650lm
Luminaire output	3110 - 3170lm
Luminaire efficiency	≥115lm/W
CRI	>80

## MATERIALS

Body	Sheet steel
Finish	White
Diffuser	Opal PMMA (85°C glow wire testing)

## OPTIONS

- > 2 step MacAdam, CRI >90
- > Other RAL finishes
- > Internal fuse and LSOH cable



LAMP	COLOUR TEMP	DELIVERED LUMENS	MOUNTING	STANDARD	DALI	EMERGENCY	
						STANDARD	DALI
27W	3000K	3110lm	Recessed	11500901	11500903	11500991	11500993
27W	4000K	3170lm	Recessed	11501001	11501003	11501091	11501093
27W	3000K	3110lm	Lay-in	11501101	11501103	11501191	11501193
27W	4000K	3170lm	Lay-in	11501201	11501203	11501291	11501293



IP20 CLASS I F MARK CE

# EVOQUE LED

An eye-catching, high quality, decorative LED luminaire defined by its square shape.

Ideal for areas that require “something different”!

# EVOQUE LED

## FEATURES & BENEFITS

- > Recessed or surface mounting
- > Functional yet eye-catching design
- > Homogeneous light distribution
- > Average rated LED life: >54,000hrs (L90/B10)
- > Optimum colour consistency - 3 step MacAdam chromaticity tolerance
- > Photobiological hazard: RG1

## PERFORMANCE

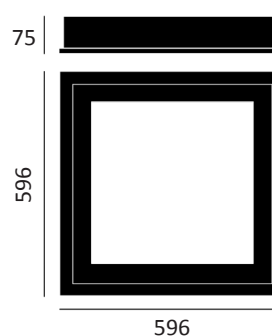
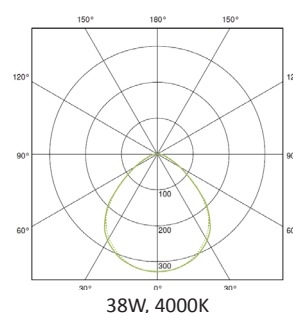
Light source	LED
LED output	6720 - 6840lm
Luminaire output	4280 - 4370lm
Luminaire efficiency	≥112lm/W
CRI	>80

## MATERIALS

Body	Sheet steel
Finish	White
Diffuser	Opal PMMA

## OPTIONS

- > 2 step MacAdam, CRI >90
- > Dual lighting with downlighter
- > Internal fuse and LSOH cable



LAMP	COLOUR TEMP	DELIVERED LUMENS	MOUNTING	STANDARD	DALI	EMERGENCY STANDARD	
						STANDARD	DALI
38W	3000K	4280lm	Recessed	11400901	11400903	11400991	11400993
38W	4000K	4370lm	Recessed	11401001	11401003	11401091	11401093
38W	3000K	4280lm	Surface	11401101	11401103	11401191	11401193
38W	4000K	4370lm	Surface	11401201	11401203	11401291	11401293

## CAPRICE IP LED

IP65 IK08 CLASS I CE

## FEATURES &amp; BENEFITS

- > Fully LG7 compliant
- > Average rated LED life: >60,000hrs - (L80/B10)
- > High visual comfort - low glare
- > Optimum colour consistency - 3 step MacAdam ellipse tolerance
- > IP65 at the front and rear of luminaire
- > Photobiological hazard: RG0

## PERFORMANCE

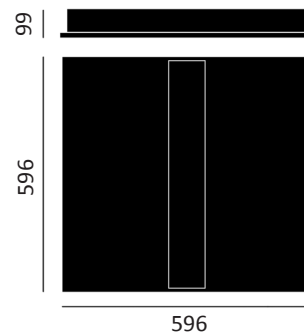
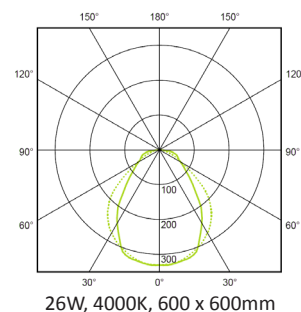
Light source	LED
Emission	Direct & Indirect
LED output	3810 - 7068lm
Luminaire output	2713 - 5032lm
Luminaire efficiency	≥100lm/W
CRI	>80
UGR	<19

## MATERIALS

Body	Sheet steel
Finish	White
Diffuser	Tempered glass

## OPTIONS

- > 2 step MacAdam, CRI >90
- > Internal fuse and LSOH cable



LAMP	COLOUR TEMP	DELIVERED LUMENS	DIMENSIONS	STANDARD	DALI	EMERGENCY STANDARD	DALI
27W	3000K	2713lm	596 x 596	13300101	13300103	13300191	13300193
26W	4000K	2973lm	596 x 596	13300201	13300203	13300291	13300293
47W	3000K	4701lm	596 x 596	13300301	13300303	13300391	13300393
46W	4000K	5032lm	596 x 596	13300401	13300403	13300491	13300493



# AMAROK IP ANTI-LIGATURE LED

IP65 IK10 CLASS I CE

## FEATURES & BENEFITS

- > Anti-ligature, tamper-proof luminaire for plasterboard ceilings
- > Average rated LED life: >60,000hrs (L80/B10)
- > Optimum colour consistency—2 step MacAdam ellipse tolerance
- > High anti-bacterial protection
- > Various sizes: 300 x 600 / 600 x 600 / 300 x 1200 / 600 x 1200
- > Photobiological hazard: RG0



## PERFORMANCE

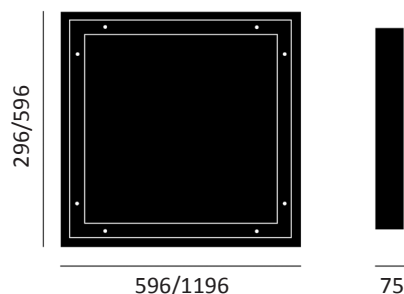
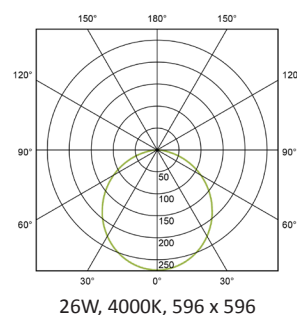
Light source	LED
LED output	4260 - 13932lm
Luminaire output	3205 - 10482lm
Luminaire efficiency	≥123lm/W
CRI	>80
UGR	<19

## MATERIALS

Body	Sheet steel
Finish	White
Diffuser	Opal polycarbonate TP(a)
External fixings	Stainless steel M5 screws

## OPTIONS

- > 3hr emergency
- > Tuneable white and 3000K
- > Other lumen outputs available
- > Internal fuse and LSOH cable



LAMP	COLOUR TEMP	DELIVERED LUMENS	DIMENSIONS	STANDARD	DALI
28W	4000K	3494lm	296 x 596	12400101	12400103
26W	4000K	3205lm	596 x 596	12400201	12400203
34W	4000K	4274lm	596 x 596	12400301	12400303
43W	4000K	5342lm	596 x 596	12400401	12400403
56W	4000K	6988lm	596 x 596	12400501	12400503
70W	4000K	8735lm	596 x 596	12400601	12400603
34W	4000K	4274lm	296 x 1196	12400701	12400703
56W	4000K	6988lm	296 x 1196	12400801	12400803
51W	4000K	6410lm	596 x 1196	12400901	12400903
83W	4000K	10482lm	596 x 1196	12401001	12401003



IP65 IK08 CLASS I CE

# AMAROK IP LED

An IP65, energy efficient, modular LED panel available for modular or plasterboard ceilings.

Recommended for use in hospitals, treatment rooms, pharmaceutical and other clean room environments.

# AMAROK IP LED

## FEATURES & BENEFITS

- > Average rated LED life: >60,000hrs (L80/B10)
- > Optimum colour consistency - 2 step MacAdam ellipse tolerance
- > High anti-bacterial protection
- > Various sizes available: 300 x 600 / 600 x 600 / 300 x 1200 / 600 x 1200
- > Photobiological hazard: RG0

## PERFORMANCE

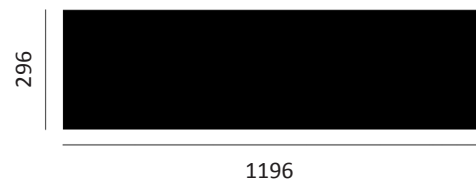
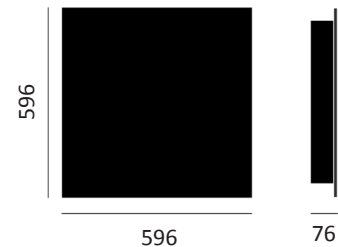
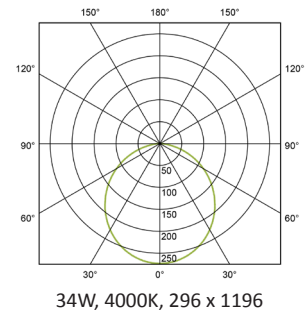
Light source	LED
LED output	4260 - 13932lm
Luminaire output	3205 - 10482lm
Luminaire efficiency	≥123lm/W
CRI	>80

## MATERIALS

Body	Sheet steel
Finish	White
Diffuser	Opal polycarbonate TP(a)

## OPTIONS

- > 3hr emergency
- > Tuneable white and 3000K
- > Other lumen outputs available
- > Microprism with tempered glass (UGR <19)
- > Internal fuse and LSOH cable



LAMP	COLOUR TEMP	DELIVERED LUMENS	DIMENSIONS	LAY-IN MODULAR		PLASTERBOARD CEILINGS	
				STANDARD	DALI	STANDARD	DALI
28W	4000K	3494lm	296 x 596	13900201	13900203	13902201	13902203
26W	4000K	3205lm	596 x 596	13900401	13900403	13902401	13902403
34W	4000K	4274lm	596 x 596	13900601	13900603	13902601	13902603
43W	4000K	5342lm	596 x 596	13900801	13900803	13902801	13902803
56W	4000K	6988lm	596 x 596	13901001	13901003	13903001	13903003
70W	4000K	8735lm	596 x 596	13901201	13901203	13903201	13903203
34W	4000K	4274lm	296 x 1196	13901401	13901403	13903401	13903403
56W	4000K	6988lm	296 x 1196	13901601	13901603	13903601	13903603
51W	4000K	6410lm	596 x 1196	13901801	13901803	13903801	13903803
83W	4000K	10482lm	596 x 1196	13902001	13902003	13904001	13904003



IP65 IK08 CLASS I CE

# AMAROK IP WALK-OVER LED

An IP65 LED panel luminaire with walk-on capabilities and rear access for easy maintenance and the prevention of dust contamination in the working area below.

Suitable for clean rooms, pharmaceutical and other hygienic environments.

# AMAROK IP WALK-OVER

## FEATURES & BENEFITS

- > Rear access - easy to install and maintain
- > Average rated LED life: 60,000hrs (L80/B10) - maintenance free
- > Optimum colour consistency - 2 step MacAdam ellipse tolerance
- > Lightweight construction
- > High anti-bacterial protection
- > Photobiological hazard: RG0

## PERFORMANCE

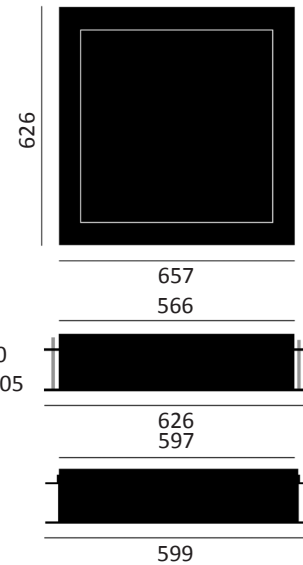
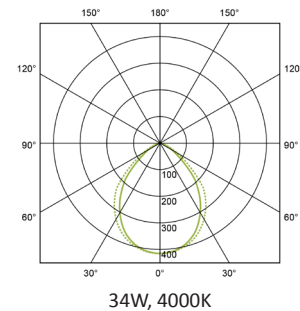
Light source	LED
LED output	4047 - 11610lm
Luminaire output	3090 - 7091lm
Luminaire efficiency	≥118lm/W
CRI	>80
UGR	<19

## MATERIALS

Body	Sheet steel
Finish	White
Diffuser	Microprism with hardened matt glass
Wiring	Ø13mm cable entry

## OPTIONS

- > 3hr emergency
- > Tuneable white
- > Other lumen outputs and sizes available
- > Internal fuse and LSOH cable



LAMP	COLOUR TEMP	DELIVERED LUMENS	PLASTERBOARD CEILING	
			STANDARD	DALI
26W	3000K	3090lm	12801101	12801103
26W	4000K	3253lm	12801201	12801203
34W	3000K	4120lm	12801301	12801303
34W	4000K	4337lm	12801401	12801403
42W	3000K	5051lm	12801501	12801503
42W	4000K	5319lm	12801601	12801603
56W	3000K	6734lm	12801701	12801703
56W	4000K	7091lm	12801801	12801803



IP65 IK08 CLASS I CE

# AMAROK IP SURFACE LED

A surface mounted, high efficiency LED luminaire suitable for clean rooms, hospital treatment rooms and any clean environment that needs to be washed down.

# AMAROK IP SURFACE LED

## FEATURES & BENEFITS

- > High visual comfort - low glare
- > Average rated LED life: 50,000hrs (L80/B10)
- > Optimum colour consistency - 2 step MacAdam ellipse tolerance
- > High anti-bacterial protection
- > Various nominal sizes available: 300 x 600/600 x 600/300 x 1200/600 x 1200
- > Photobiological hazard: RG0

## PERFORMANCE

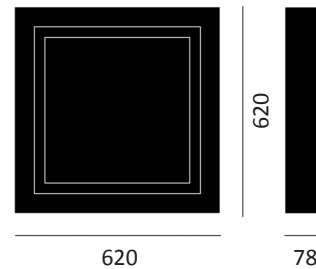
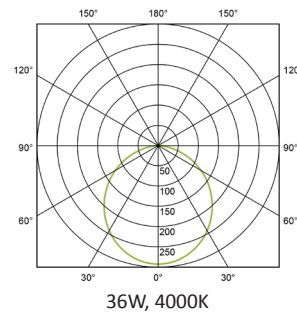
Light source	LED
LED output	2700 - 10800lm
Luminaire output	2036 - 8143lm
Luminaire efficiency	≥107lm/W
CRI	>80
UGR	<19

## MATERIALS

Body	Sheet steel
Finish	White
Diffuser	Microprism with tempered anti-reflective matt glass

## OPTIONS

- > 3000K
- > Microwave sensor
- > Other lumen outputs available
- > Internal fuse and LSOH cable



LAMP	COLOUR TEMP	DELIVERED LUMENS	DIMENSIONS	STANDARD	DALI	EMERGENCY	
						STANDARD	DALI
19W	4000K	2036lm	620 x 310	20800201	20800203	20800291	20800293
36W	4000K	4072lm	620 x 620	20800401	20800403	20800491	20800493
36W	4000K	4072lm	1210 x 310	20800601	20800603	20800691	20800693
71W	4000K	8143lm	1210 x 620	20800801	20800803	20800891	20800893