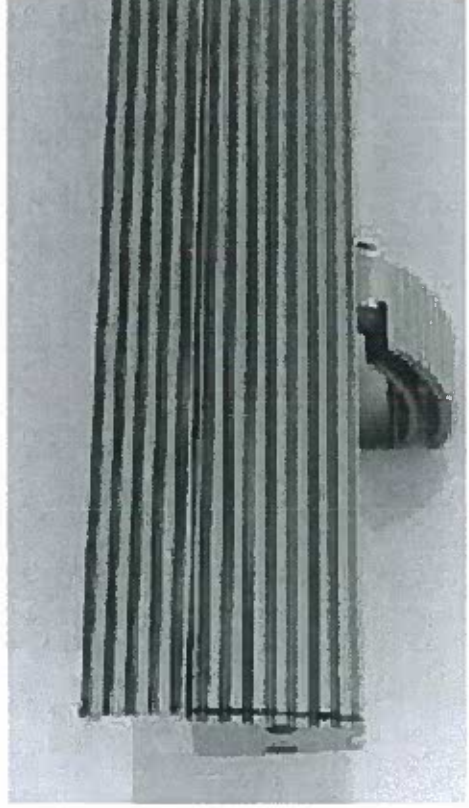


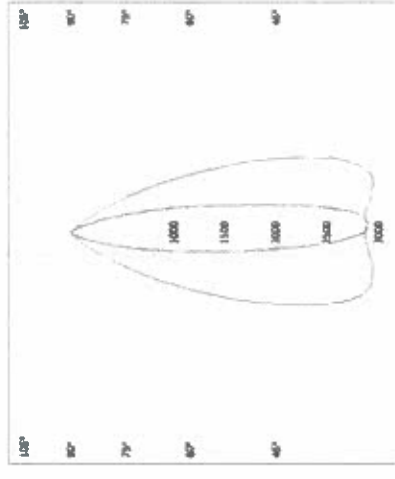
External Lighting Schedule

Luminaire reference

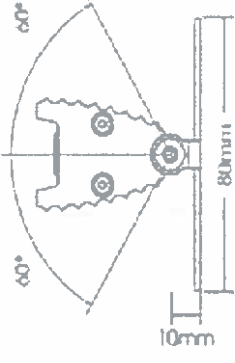
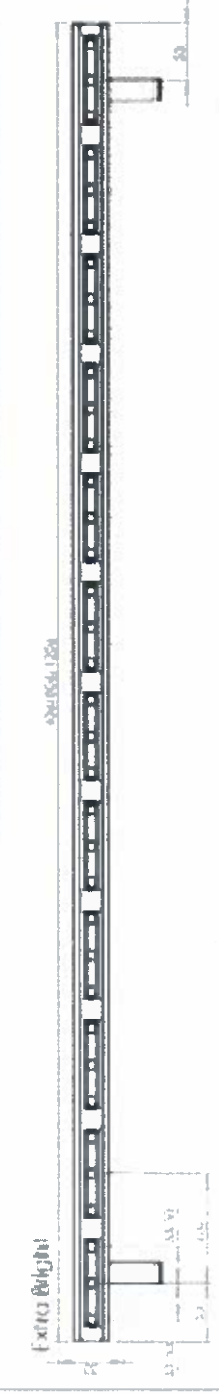
X2.1



Luminaire: ACCO Lighting LMA-27-46x108-403-25-1x1-6000 Beam 2700K 6000mm 60
Lamp: 1 x LED



Blade flush bracket



DESCRIPTION

1206mm exterior rated bracket mounted narrow beam linear LED luminaire with remote DMX dimmable control gear. Luminaire to be mounted within specially detailed and integrated positions on the building facade. Remote control gear to be located in a dry location - to Electrical Engineers design and specification. Luminaire uses warm white 3000K Cree XPG Gen 2 LEDs with individual lenses to generate an elliptical beam distribution. Luminaire to be fitted with a cowl to reduce spill light.

SPECIFICATION

IP Rating IP68
Lm Output 7146lm
Wattage 87.3W
Lm/Circuit Watt 81.85lm/W
Colour Temperature 3000K
Lm Maintenance LM70
Colour Consistency 2 MacAdam Ellipse
Beam Angle 18x48 Degrees
ACCESSORIES
Cowl

NOTES

Final fixing location to be confirmed on site at focusing.
DMX Control Gear to be allocated one per luminaire for individual control. Control gear to be remotely located in accessible dry location within building core.

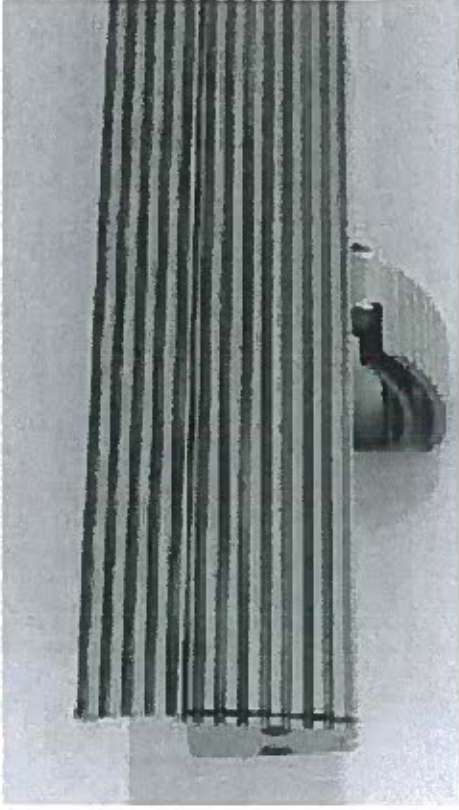
BAM Design	Comments	Approved	Date	Signed by
				Nick Neill
CMT				CMT

Kings cross, Zone B
Building B6

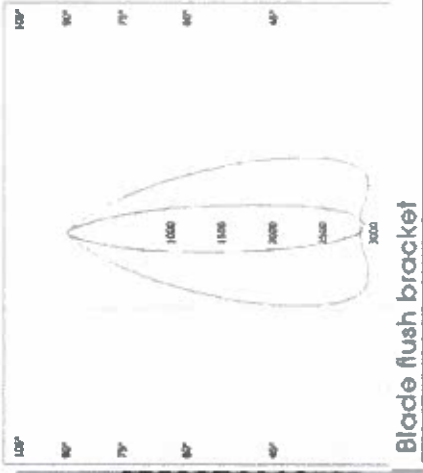
External Lighting Schedule

Luminaire reference

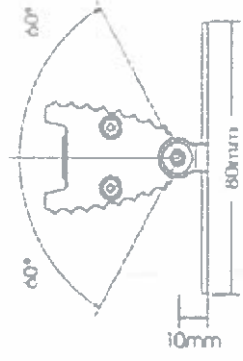
X2.2



Luminaire: ACDG Lighting 11M-27-45x185-403-55-A11 250W Beam 2700K 400mm EG
Lampa 1 x LED



Blade flush bracket



DESCRIPTION

806mm exterior rated bracket mounted narrow beam linear LED luminaire with remote DMX dimmable control gear. Luminaire to be mounted within specially detailed and integrated positions on the building facade. Remote control gear to be located in a dry location - to Electrical Engineers design and specification. Luminaire uses warm white 3000K Cree XPG Gen 2 LEDs with individual lenses to generate an elliptical beam distribution. Luminaire to be fitted with a cowl to reduce spill light.

SPECIFICATION

IP Rating IP68
Lm Output 4764lm
Wattage 58.2W
Lm/Circuit Watt 81.85m/W
Colour Temperature 3000K
Lm Maintenance LM70
Colour Consistency 2 MacAdam Ellipse
Beam Angle 18x48 Degrees
ACCESSORIES
Cowl

NOTES

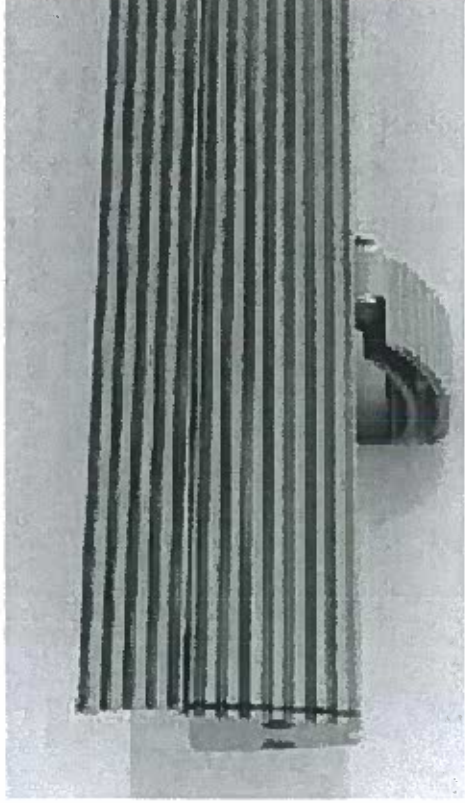
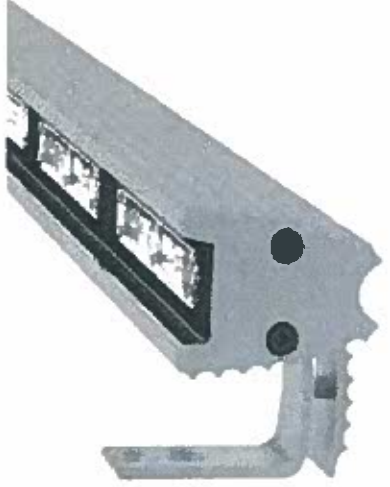
Final fixing location to be confirmed on site at focusing.
DMX Control Gear to be allocated one per luminaire for individual control. Control gear to be remotely located in accessible dry location within building core.

BAM Design	Comments	Approved	Date	Signed by
				Nick Neill
CMT				CMT

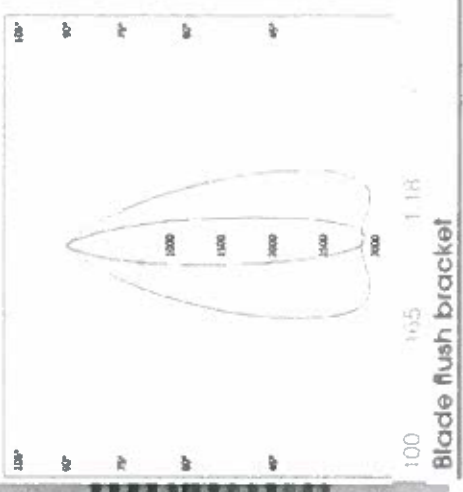
External Lighting Schedule

Luminaire reference

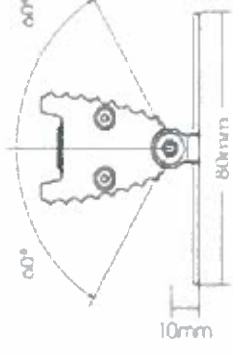
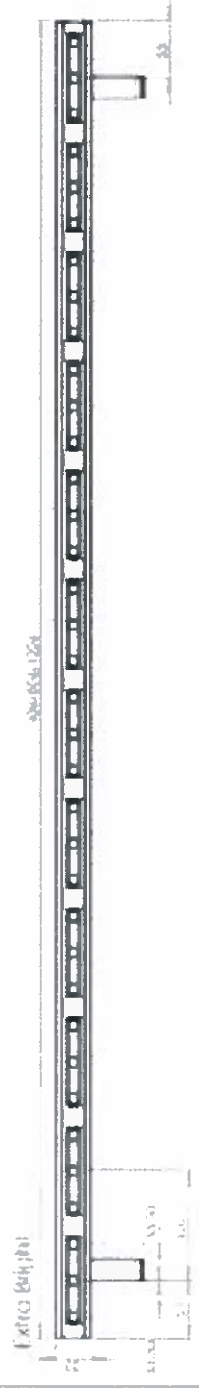
X2.3



Luminaire: ACDC Lighting 1104-27-4du 18W-423-026-V13 406mm Blade - 2700K 4000lm E2
Lamp: 1 x LED



100 105 110
Blade flush bracket



DESCRIPTION

406mm exterior rated bracket mounted narrow beam linear LED luminaire with remote DMX dimmable control gear. Luminaire to be mounted within specially detailed and integrated positions on the building facade. Remote control gear to be located in a dry location - to Electrical Engineers design and specification. Luminaire uses warm white 3000K Cree XPG Gen 2 LEDs with individual lenses to generate an elliptical beam distribution. Luminaire to be fitted with a cowl to reduce spill light.

SPECIFICATION

- IP Rating IP68
- Lm Output 7146lm
- Wattage 87.3W
- Lm/Circuit Watt 81.85lm/W
- Colour Temperature 3000K
- Lm Maintenance LM70
- Colour Consistency 2 MacAdam Ellipse
- Beam Angle 18x48 Degrees
- ACCESSORIES
- Cowl

NOTES

- Final fixing location to be confirmed on site at focusing.
- DMX Control Gear to be allocated one per luminaire for individual control. Control gear to be remotely located in accessible dry location within building core.

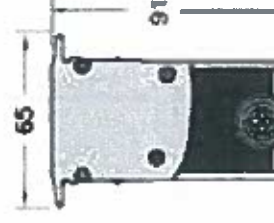
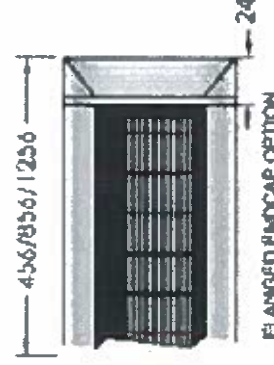
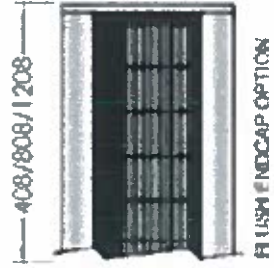
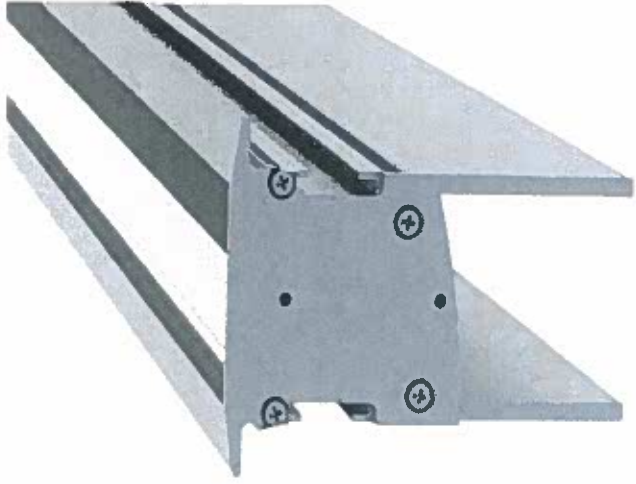
BAM Design	Comments	Approved	Date	Signed by
				Nick Neill
CMT				CMT

Kings cross, Zone B
Building B6

External Lighting Schedule

Luminaire reference

X3.1



DESCRIPTION

1256mm exterior rated ground recessed narrow beam linear LED luminaire with integral DMX dimmable control gear. Luminaire to be mounted within specially detailed and integrated positions on the building facade. Luminaire uses warm white 3000K Cree XPG Gen 2 LEDs with individual lenses to generate an elliptical beam distribution. Internal rotation of LEDs provide a 5 degree tilt to luminaire optics. Luminaire to be fitted with a micro louvre to reduce spill light.

SPECIFICATION

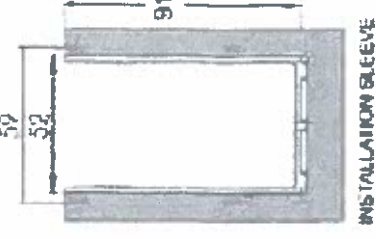
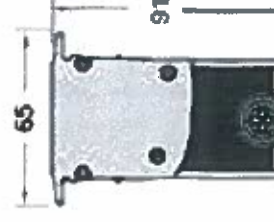
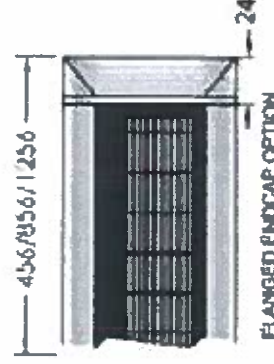
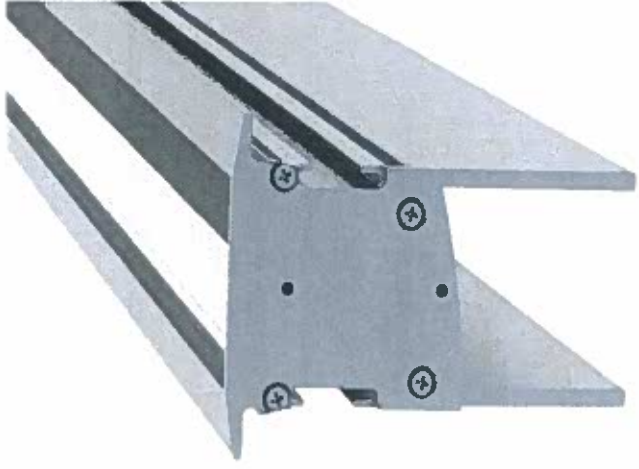
IP Rating IP67
 Lm Output 3624lm (approx)
 Wattage 46.2W
 Lm/Circuit Watt 78.44m/W
 Colour Temperature 3000K
 Lm Maintenance LM70
 Colour Consistency 2 MacAdam Ellipse
 Beam Angle 50x20 Degrees
ACCESSORIES
 Installation Sleeve

Comments	Approved	Date	Signed by
BAM Design			Nick Neill
CMT			CMT

Internal Emergency Schedule

Luminaire reference

X3.2



DESCRIPTION

808mm exterior rated ground recessed narrow beam linear LED luminaire with integral DALI dimmable control gear. Luminaire to be mounted within specially detailed and integrated positions on the building facade at ground, level 2,8&9. Luminaire uses warm white 3000K Cree XPG Gen 2 LEDs with individual lenses to generate an elliptical beam distribution. Internal rotation of LEDs provide a 5 degree tilt to luminaire optics. Luminaire to be fitted with a micro louvre to reduce spill light.

SPECIFICATION

IP Rating IP67
 Lm Output 2416lm (approx)
 Wattage 30.8W
 Lm/Circuit Watt 78.44lm/W
 Colour Temperature 3000K
 Lm Maintenance LM70
 Colour Consistency 2 MacAdam Ellipse
 Beam Angle 50x20 Degrees
ACCESSORIES
 Installation Sleeve

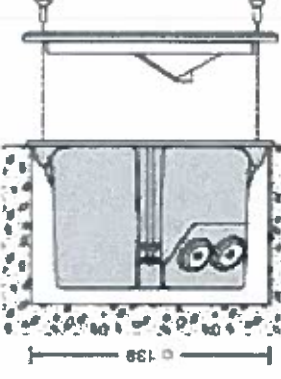
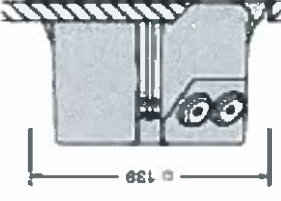
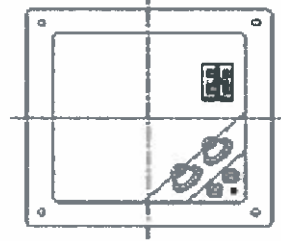
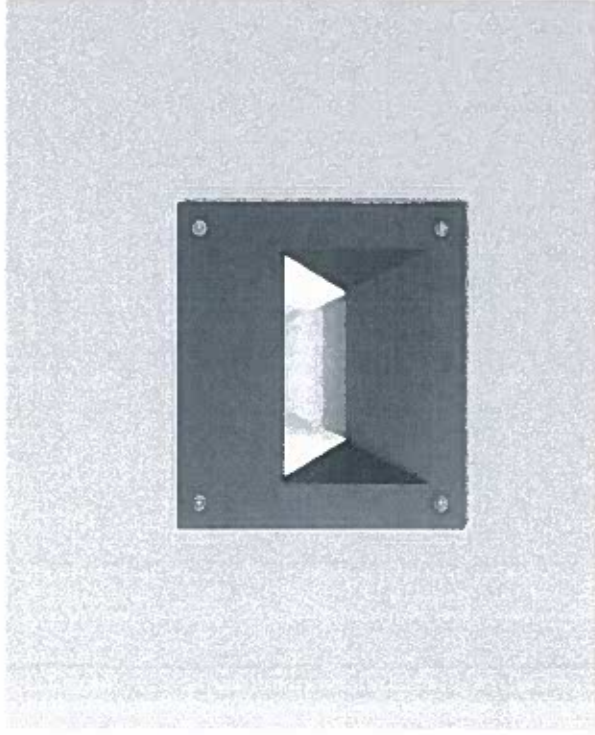
BAM Design	Comments	Approved	Date	Signed by
				Nick Neill
CMT				CMT

Kings cross, Zone B
 Building B6

Internal Emergency Schedule

Luminaire reference

X4



145

150

139
100
110
5

DESCRIPTION

Exterior rated wall recessed LED path light. Luminaire comes complete with integral switched control gear. Luminaire to be recessed into walls on the 7&9th floor terraces. Pre-installation sleeve available if required.

SPECIFICATION

IP Rating IP65
Lm Output 670lm
Wattage 8.4W
Lm/Circuit Watt 79.76lm/W
Colour Temperature 3000K
Lm Maintenance LM70
Colour Consistency 2 MacAdam Ellipse
ACCESSORIES
Installation Sleeve (if required)

	Comments	Approved	Date	Signed by
BAM Design				Nick Neill
CMT				CMT



WALL MOUNTED TAXI DROP OFF LIGHTING

DESCRIPTION

EXTERIOR QUALITY, IP 66. SURFACE MOUNTED FLOODLIGHT WITH AN ASYMMETRICAL FORWARD THROW BEAM DISTRIBUTION UTILISING 230V/20W HIT-CE LAMP. FIXTURE TO BE DIE CAST ALUMINIUM HOUSING WITH CLEAR SAFETY GLASS DIFFUSER. RAL COLOUR TO BE SPECIFIED ON ORDERING. INTEGRAL ELECTRONIC CONTROL GEAR. REARWARD CUT-OFF SHIELD INCLUDED IN PRODUCT.

APPLICATION NOTES

NOT APPLICABLE

REFER TO DRAWINGS

3532-LA-001, 3532-LD-107

ENSURE THAT ALL ITEMS LISTED BELOW ARE ORDERED

LUMINAIRE

MANUFACTURER: WE-EF LIGHTING UK, + 44 (0) 844 880 5346
PRODUCT NAME: PIA230 SERIES ASYMMETRIC FORWARD THROW FLOODLIGHT
CATALOGUE NO: 108-0758
SUPPLIER: WE-EF LIGHTING UK, + 44 (0) 844 880 5346

ORDERING NOTES: ALL WIRING, CONDUITS, CONTAINMENT ROUTES ETC TO ELECTRICAL ENGINEER'S DRAWINGS DETAILS AND SPECIFICATIONS.
 ALL ASSOCIATED FIXINGS AND MOUNTING TO ARCHITECT'S DRAWINGS, DETAILS AND SPECIFICATION.
 FIXTURE FINISH TO MATCH AQ FIXTURE FINISH.

ACCESSORIES

NOT APPLICABLE

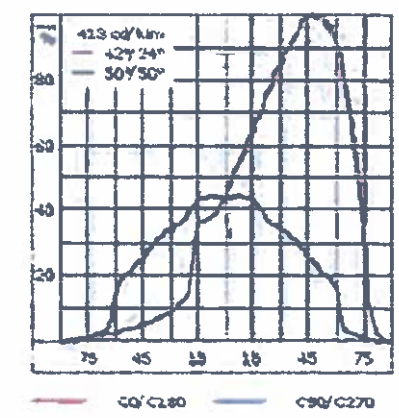
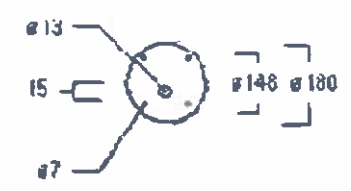
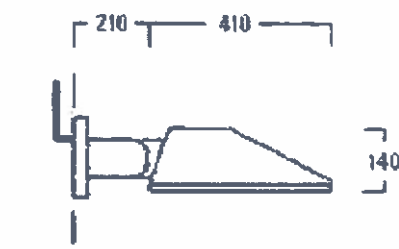
LAMP(S)

MANUFACTURER:	PHILIPS	CAT NO:	20CDMT830
DESCRIPTION:	MASTER COLOUR CDM-T 20W/830 G12	WATTS:	20 W
LAMP TYPE:	HIGH INTENSITY DISCHARGE	BASE:	G12
QTY PER LUMINAIRE:	1		

LAMP NOTES:

CONTROL REQUIREMENTS

SEE SAMA LOGICAL CONTROL SCHEDULES FOR CONTROL REQUIREMENTS.



DIMENSIONS
CUT-OUT

RECESS

WEIGHT
8.5 Kg

Zone B, King's Cross Central
London, UK

Comments	Approved	Date	Signed by
BAM Design			Nick Neill
CMT			CMT

Kings cross, Zone B
Building B6

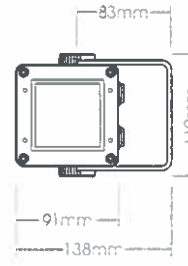
PLAZA

acdc1185

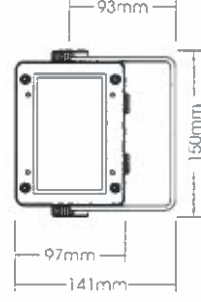
acdc[®]
Bringing light to life

A family of dimmable, architectural LED surface mounted uplighters, delivering 20W & 35W CDMT & 35W halogen output with in built driver. IP66

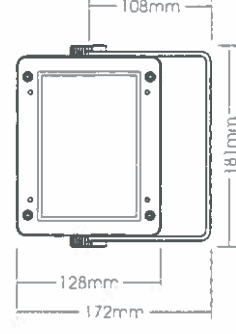
PLAZA 10



X5



PLAZA 35



X7

Luminaire

Material: Robust luminaire housings made from high pressure, die cast aluminium.

Finish: White, black, grey, RAL.

Format: Available in 3 sizes: PLAZA 10, PLAZA 20, PLAZA 35.

Beam angles: 10°, 16°, 30°, 12° x 40°, 64°

Accessories: Cowl, snoot, louvre, protection grill, garden spike, wall bracket (PLAZA 20 & PLAZA 35), barn door.

Installation: On-board driver with built-in thermal protection for applications in challenging external environments. Loop in and out wiring option.

Adjustability: Tilts through 180°. Lockable bracket with angle increments for on site focusing, with tilt mechanism.

Temperature range: From -20 C to 50 C

Thermal protection: Aerodynamic heat sink design for optimal heat management

Performance

Lumen Maintenance: High efficiency LEDs tested to LM80 standards, 50,000hrs lifetime with lumen maintenance at L70.

Initial lamp Lumen output*: PLAZA 10 796lm, PLAZA 20 1167lm, PLAZA 35 2189lm

Lamp lumens inc thermal and optical losses*: PLAZA 10 746lm, PLAZA 20 1108lm, PLAZA 35 2079lm

Luminaire Lumens output*: PLAZA 10 731lm, PLAZA 20 1078lm, PLAZA 35 1904lm

Power consumption (inc 85% efficient driver): PLAZA 10 9.9W, PLAZA 20 16W, PLAZA 35 28W

Efficacy (lm/W)*: PLAZA 10 74, PLAZA 20 69, PLAZA 35 69

CRI: 80

Binning: Colour consistency ensured across a project - 2 step MacAdam ellipse.

LED Colour: 2700°K, 3000°K, 4200°K, 6000°K

Driver: Switched, 1-10v

Listings: CE, ETL us/c**

IP rating: IP66

Warranty: 5 years

Weight: PLAZA 10 1.3kg, PLAZA 20 1.95kg, PLAZA 35 2.9kg

*Based on 3000 K with 10 optics

**PLAZA 10 pending

Specification Codes

Product	Product Size	Finish	Colour Temp	Optics	Control	Electrical termination	Accessories
acdc1185 → 20	PLAZA 10	White	2700 K	10R	Non Dimmable	Standard - None	No Accessories
	PLAZA 35	Black	4200 K	16R	NDIM	1m Flying Lead	Cowl
→ 30	→ TBC	Grey (RAL9006)	6000 K	64R	→ DIM	→ TBC	Snoot
		RAL	12 x 40	12x40r			Louvre
→ 30R	→ 30	→ TBC	→ 30	→ 30R	→ DIM	→ TBC	Protection Grill
							→ 30R
→ 30R	→ 30	→ TBC	→ 30	→ 30R	→ DIM	→ TBC	Wall Bracket
							→ 30R

This acdc product is

• Dual binned within a 2 step MacAdam ellipse to guarantee colour consistency

• Supplied with a 5 year guarantee

