

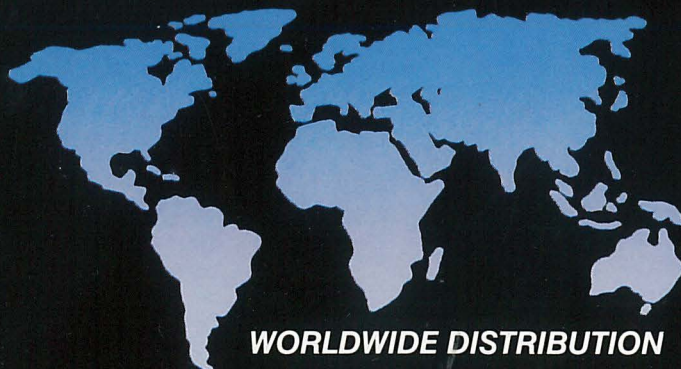
CCT

LIGHTING

The Minuette Range for Small to Medium Stages



A family of small 500/650 watt luminaires with individual but complimentary characteristics, to be found all over the world, lighting features as diverse as Notre Dame Cathedral to Legoland.



WORLDWIDE DISTRIBUTION

CCT Lighting – Sales Sutton, Surrey, U.K. **CCT Lighting – Projects** Nottingham, U.K. **CCT Lighting Inc.** New York State, U.S.A.



Z0611 Minuette 26° Non Zoom Profile

An ideal spotlight for fixed positions or on stands for Drama - Dance Workshops. An improved version of the Minuette TT Profile.

The Minuette Profile Spotlight has a fixed beam angle of 26 degrees. This beam can be precisely shaped by the use of the four retained (but removable when the cut out is engaged into the side extrusion) shutter blades which have heat resisting handles for ease of use. As optional accessories there are a drop in Iris and, for Gobo

projection (patterns), a rotatable Gobo holder. A full range of Gobos are available. The Heat resistant rear handle and the "T" shaped tilt locking handle give easy cool control when adjusting the unit's position.

Typical performance based on calibrated T27 650W, 240V, C13D bi-plane 400Hr, 3100K, 14,500 Lumen

Hard Edge Focus T27 650W

Peak Setting	Cut Off Angle	1/2 Peak Angle	Peak Candela
Narrowest Spread	26°	19°	32,500

Z0602 Minuette 21° ↔ 36° Reflector Variable Beam Profile

A versatile unit used for medium throw front of house positions where hard cut off on the stage edge is required, or soft edge for merging of beams for on stage wash.

The two lens zoom system is adjusted by the heat resistant knobs under the front of the unit between 21° to 36° hard edge, the soft edge range is greater. This beam can be precisely shaped by the use of the four retained (but removable when the cut out is engaged into the side extrusion) shutter blades which have heat resisting handles for ease of use. As optional accessories there are a drop in Iris and, for Gobo projection (patterns), a rotatable Gobo

holder. To give a "Peaked" or "Flat" beam the lamp position is adjustable. The Heat resistant rear handle and the "T" shaped tilt locking handle give easy, cool control when adjusting the unit's position.

Typical performance based on calibrated T26 650W Monoplane 400hr, 3050K Lamp giving 15,000 Lumen set at Hard edge focus

Peak Setting	Cut Off Angle	1/2 Peak Angle	Peak Candela
Narrowest Spread	21°	10°	41,500
Widest Spread	36°	16°	33,000

Flat Setting	Cut Off Angle	1/2 Peak Angle	Peak Candela
Narrowest Spread	21°	17°	30,000
Widest Spread	36°	25°	20,000



Z0602P Minuette 17° ↔ 36° Condenser Variable Beam Profile

An excellent unit for High definition Gobo (Pattern) projection with its wide Zoom range and for medium throw front of house positions.

The two lens zoom system is adjusted by the heat resistant knobs under the front of the unit between 17° to 36°. The closer the two lenses are to one another the wider the beam angle, the further apart the narrower. This wide range of beam angles and extremely sharp definition of the beam edge and Gobos is achieved by using an extra, high quality,

Bi-Convex condensing lens behind the gate. This coupled with the polished reflector gives this unit its unique quality. In all other respects it is similar to the Z0602 Zoom profile.

Typical performance based on calibrated T27 650W, 240V, C13D bi-plane 400Hr, 3100K, 14,500 Lumen

Hard Edge Focus T27 650W

Peak Setting	Cut Off Angle	1/2 Peak Angle	Peak Candela
Narrowest Spread	17°	15°	38,000
Widest Spread	36°	30°	8,600

Flat Setting	Cut Off Angle	1/2 Peak Angle	Peak Candela
Narrowest Spread	17°	15°	24,400
Widest Spread	36°	35°	7,000



Z0603P Minuette 30° ↔ 48° Condenser Variable Beam Profile

This Profile Zoom Spotlight with its wide beam angle is ideal for on-stage and high definition Gobo (pattern) work on short throws. This improved version of the Z0603P was released in 1993.

Condenser Zoom Profiles are ideal for projection work as the zoom range between 30° to 48° allows the operator to match the projected image size of two units even when they are not able to be hung at equal distances from the Screen or Cyclorama.

In all other respects this unit is similar to the Z0602P Zoom Condenser Profile.

Typical performance based on calibrated T27 650W, 240V, C13D bi-plane 400Hr, 3100K, 14,500 Lumen

Hard Edge Focus T27 650W

Peak Setting	Cut Off Angle	1/2 Peak Angle	Peak Candela
Narrowest Spread	30°	27°	15,000
Widest Spread	48°	32°	10,000

Flat Setting	Cut Off Angle	1/2 Peak Angle	Peak Candela
Narrowest Spread	30°	28°	13,000
Widest Spread	48°	40°	8,000





Z0642 Minuette 18° x 57° Fresnel Spotlight

The smallest, lightest and most versatile luminaire in the Minuette range. It is equally at home on the stage of the largest Theatre, School drama stage, or lighting an exhibition. Its soft edged controllable beam is very even and well defined.

The fresnel lens has been specially designed for the unit and is very efficient. The large beam angle range from 18 - 57 degrees and the optional accessory of a rotatable four leaf barn door, give complete control of the beam shape. The Beam angle

is adjusted by a heat resistant knob under the unit. Sliding this toward the lens increases the beam angle - away from the lens reduces it. The Heat resistant rear handle and the "T" shaped tilt locking handle give easy, cool control when adjusting the unit's position.

Typical performance based on calibrated T27 650W, 240V, C13D bi-plane 400hr, 3100K 14,500 Lumen

T27 650W

	Cut off angle	1/2 Peak Angle	Peak Candela
Spot	18°	8.5°	41,000
Flood	57°	47°	8,750

Z0644 Minuette 10° x 59° Pebble Convex Spotlight

The Pebble Convex Luminaire was pioneered by CCT in the early 1980's. It was developed to overcome the problem of Filament Striation at the narrow beam angle on Plano Convex spotlights. This latest version with increased light output achieves this with a smooth, even light through the complete beam angle range, with practically no halation outside the beam.

Making this an ideal unit for Auditorium Box positions, and front of house bars as well as

its on stage use. The Beam angle is adjusted by a heat resistant knob under the unit. Sliding this toward the lens increases the beam angle - away from the lens reduces it. A four leaf rotatable barn door is an optional accessory which can be used to further shape the beam.

Typical performance based on calibrated T27 650W, 240V, C13D bi-plane 400hr, 3100K 14,000 Lumen

	Cut off Angle	1/2 Peak Angle	Peak Candela
Spot	10°	7.5°	107,700
Flood	58°	47°	6,300



Z0607P Minuette 6° x 10° Condenser Variable Beam Profile

This long throw Front of House unit with its narrow precise beam is ideal for positions where the throw is 50ft or more, and the general lighting on stage is provided by the Minuette range, or is mainly of 500/650w output.

The beam can be precisely shaped by the use of the four retained (but removable

when the cut out is engaged into the side extrusion) shutter blades which have heat resisting handles for ease of use. As optional accessories there are a drop in Iris and, for Gobo projection (patterns), a rotatable Gobo holder. To give a "Peaked" or "Flat" beam the lamp position is adjustable. The Heat resistant rear handle and the "T" shaped tilt locking handle combined with the quadrant balancing stay give easy, cool control when adjusting the unit's position.

Photometrics are the same as those given for Z0607FS

Z0607FS Minuette 6° x 10° Pursuit Follow Spot

The smallest and for its size the most efficient Follow Spot on the market. The 150mm front lens coupled with condenser optics ensures a performance which is surprising in a 650 watt unit. Ideal for small venues, schools and clubs.

Features on this unit include:-

Built in Iris and blackout with the lever beneath the unit for ease of operation.

Four beam shaping shutters.

Quadrant friction balancing.

Side and rear operators handles.

Optional Extra Accessory Colour change magazine (as shown on the photograph, not part of the standard unit).

Typical performance based on calibrated T27 650W, 240V, C13D bi-plane 400hr, 3100K 14,500 Lumen

Hard edge focus T27 650W

Peak Setting	Cut Off Angle	1/2 Peak Angle	peak Candela
Narrowest Spread	6°	5°	216,000
Widest Spread	10°	8°	130,000



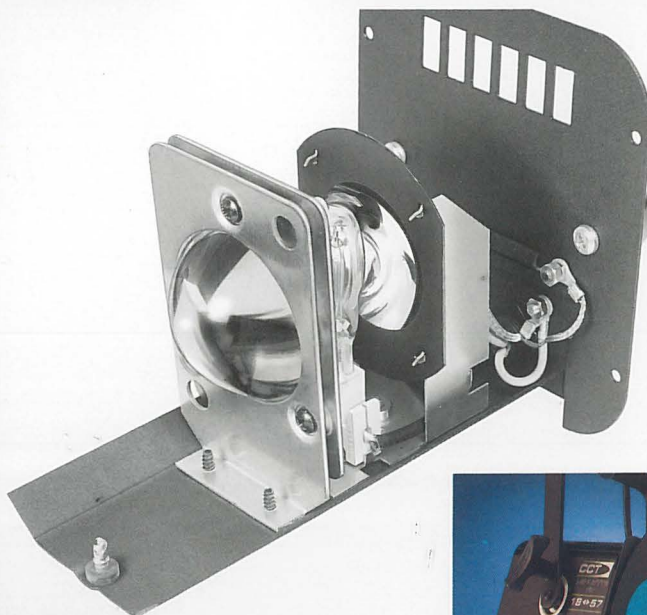
MINUETTE



Gobo holders, drop in iris and barn doors



Floodlight with full safety features



Condenser lens chassis



Easy access for lens cleaning



Lenses independently adjustable

Front runners for colour frame and barn door

DMX512 colour wheel



RECOMMENDED LAMPS 220/240V

Minuette Fresnel and Pebble Convex

Y0018/Y0018E, T26/T27 650W

Y0016/Y0016E, T18/T25 500W

Y0014/Y0014E, M38 300W, M40 500W

Minuette Profile and 'Pursuit' As above

Minuette Floods

Y0046/Y0046E, K1 500W, Y0045,

K11 200W, Y0044, K9 300W

ACCESSORIES

- Z0431** Extra Colour Frames - all except 'Pursuit' and Flood
- Z0013** Extra Colour Frame 'Pursuit'
- Z0083** Hook Clamp
- Y0085** Safety Chain
- Y0057** 10mm Spigot (for when using stand)
- Z0043** 4 Leaf Barn door (for Fresnel and P.C. Spots) except 'Pursuit'
- Z0433** Drop-in Iris (for Profiles)
- Z0100** Rotatable Gobo Holder
- Y0122** Scenic Gobo
- Z0B46** Flood Straight-edged Barn door
- Z0B47** Flood Toothed-edged Barn door
- Z0C43** Safety mesh as alternative to Safety Glass
- Z0C45** Extra Flood Colour Frame
- Z0019** Hand-operated Colour Magazine for 'Pursuit'
- Y0058** 12mm Spigot for Pursuit

The Minuette Range



The Minuette Floodlight Series 2 is ideal for the efficient lighting of vertical surfaces such as cycloramas and backcloths in the asymmetrical version and for general floodlighting in its symmetrical form.

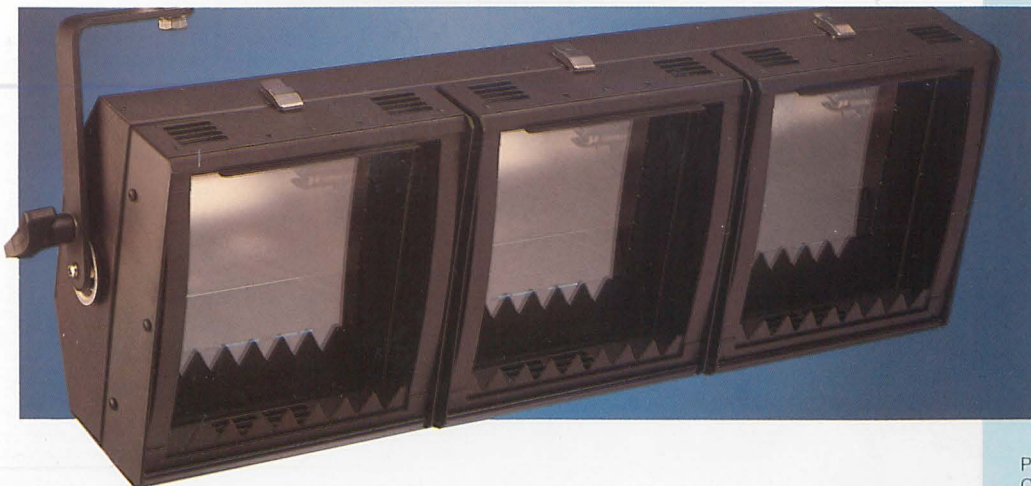
Both types of floodlight use double ended tungsten halogen lamps. Each compartment has a maximum rating of 500 Watts although smaller Wattage lamps are available. For the first time a small floodlight now incorporates unique safety features including a

tempered safety glass and an auto eject CEE22 connector which eliminates any risk of internal access with the supply connected. Colour filters are retained by a spring steel frame and separate colour cassette is not required. A safety mesh is available as an alternative to the safety glass. (transmits less light than safety glass)

Z0C46/8/9 **Minuette**
Single/Triple/Quad
Asymmetric Flood

Z0S46 **Minuette**
Symmetric Flood

	Asymmetric	Symmetric	
1 light	Z0C46	Z0S46	Weight 3.4Kg
3 light	Z0C48		Weight 10.2Kg
4 light	Z0C49		Weight 13.6Kg



- Designed to take 500w and 650w tungsten halogen lamps or long life 2000 hour 300w and 500w tungsten halogen lamps. This range offers improved performance and beam angle at no extra cost.
- Ruggedly constructed from aluminium extrusion, steel and stainless steel with an extremely tough and durable baked epoxy black paint finish. The luminaires are easily maintained, only a screwdriver and an adjustable spanner needed.
- Accessories, colour frame, drop in iris, barndoor, colour wheel, colour magazine, are universal.
- Beam angles from 6° ∇ 48° are covered by the profiles and the fresnels and pebble convex units cover 10° ∇ 59° angles.
- Colour runner retaining springs are provided for safe use of accessories and all stainless steel shutter blades work in separate single planes.
- Fixed beam angle or zoom lens luminaires with either reflector or condenser optics and a high performance follow spot.

- Single or multiple symmetrical/ asymmetrical floodlights built to meet all current safety standards.

Photometric data is available on request
CCT reserve the right to change specification
and materials without prior notice.
All photometric data given is typical only.

The Minuette Range is part of a wide choice of luminaires and accessories made by CCT for Theatre and Entertainment lighting.

Turbo Silhouette

The worlds most successful Profile Spotlights based upon a choice of lamphouses and interchangeable zoom and non-zoom lenses.

Starlette

A series of lead screw focus Fresnel and

Pebble Convex spotlights having unique safety features and excellent performance.

Remote Control Colour Change

CCT's Semaphore Colour changes are found in many theatres in the U.K. and overseas. There are two standard sizes: 6" (152mm) and 8" (229mm). Various control systems are available including memory. DMX intelligent wheel changers are an economic way of having up to five colour

selections with nothing more than 3 core 'daisy chained' wiring.

Effects Projector 2000/2500W suitable for standard theatrical effects or universal slide carriers.

Full details on all Product groups and expanded photometric information along with detailed technical specifications are available.

Minuette Profile Spotlight Z0611

26° Non Zoom
Weight 3.6kg.

Minuette Profile Spotlight Z0602P **Z0603P**

Variable angles 17° \diamond 36°
Weight 4.0kg.

Variable angles 30° \diamond 48°
Weight 3.6kg.

Minuette Profile Spotlight Z0602

Variable angles 21° \diamond 36°
Weight 3.6kg.

Minuette Fresnel Spotlight Z0642 **Pebble Convex Spotlight Z0644**

Variable angles 18° \diamond 57°
Weight 2.2kg.

Variable angles 10° \diamond 59°
Weight 2.5kg.

Minuette Profile Spotlight Z0607P

Variable angles 6° \diamond 10° Weight 8.0kg.

Minuette Pursuit Spotlight Z0607FS

Variable angles 6° \diamond 10° Weight 8.0kg.

Minuette Series 2 Floodlights

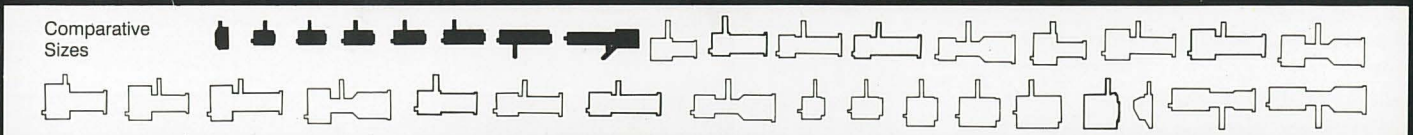
ASymmetric SYMMETRIC

1000 LUX 800 LUX

PLAN

Asymmetric	Symmetric	unit weight	3.4 Kg
Z0C46	Z0S46		
Z0C48	Z0S48	unit weight	10.2 Kg
Z0C49	Z0S49	unit weight	13.6 Kg

Photometric Data on alternative lamp types suitable for use with this product, including 120v, available on request.



CCT LIGHTING

4 TUDOR COURT, BRIGHTON ROAD, SUTTON, SURREY, SM2 5AE, U.K.

TEL: 44(0)181 770 3636

FAX: 44(0)181 643 9848