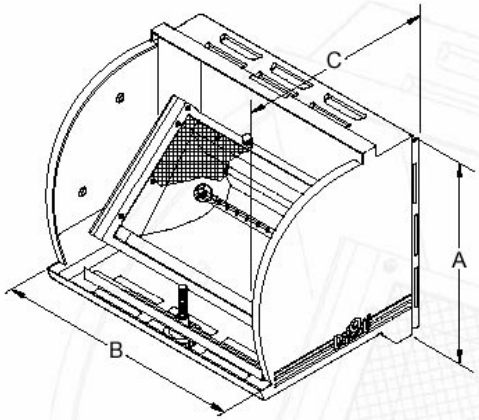
DUCCIO

Quartz - Halogen GROUND-ROW CYCLORAMA Lights

DATA SHEET
03/10/03

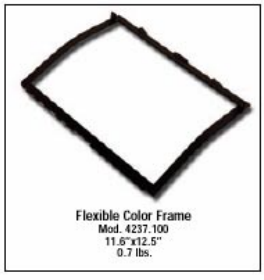


Mod. 4230

DIMENSIONS & WEIGHTS

			Inches		lbs.
Model	Model n°	A	B	C	
Duccio 1	4230	10.4	11.8	8.6	8.1
Duccio 2	4232	10.4	23.6	8.6	16.3
Duccio 3	4233	10.4	35.4	8.6	24.5
Duccio 4	4234	10.4	47.2	8.6	32.6

Mod. 4232



Flexible Color Frame
Mod. 4237.100
11.6"x12.5"
0.7 lbs.

Mod. 4233

Multipin versions available on request

Mod. 4234

The DUCCIO is a compact, high quality & modular ground-row lighting fixture, with an exceptionally even output over the projected area, achieving a uniform distributed illumination of backgrounds.
Its modular construction allows various configuration by combining 2, 3 or 4 pieces of the basic compartment. Each compartment accepts linear quartz-halogen lamps with R7s caps and there are three different overall length versions (that must be specified on order):

- 189 mm (Mod. N° xxxx.110) 230-240V lamps available Max. Power 1.250W per lamp
- 118 mm (Mod. N° xxxx.210) 120 V & 230-240V lamps available Max. Power 1.000W per lamp
- 167 mm (Mod. N° xxxx.410) 120V lamps available Max. Power 1.500W per lamp

The standard compartments are equipped with individual power cord of 1 m., but multi-pin versions are available on request for multiple compartments configurations.

FEATURES

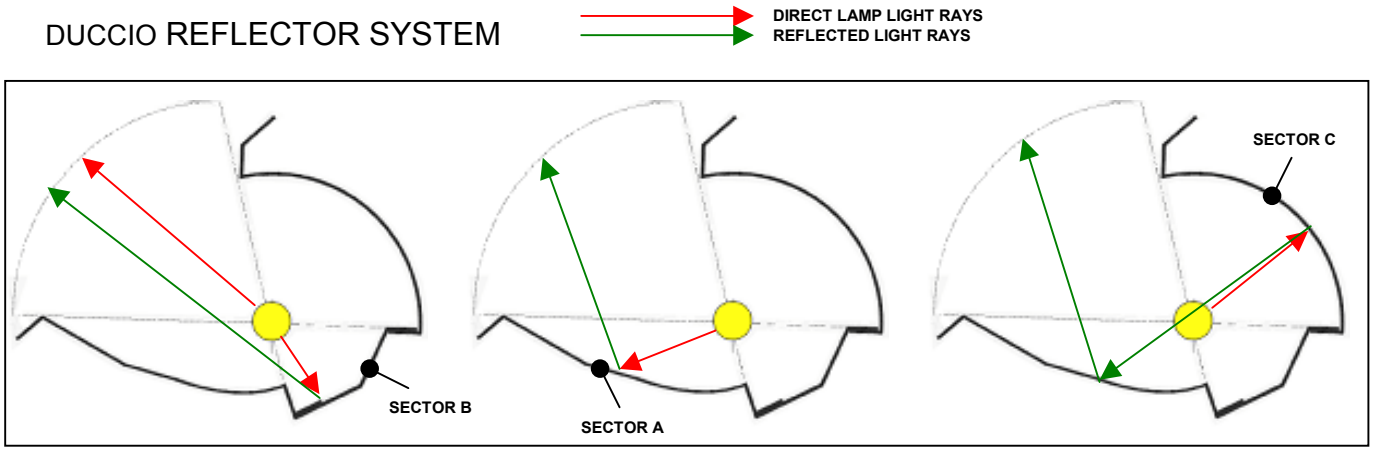
- Compact, construction and modular design for cyclorama ground-row illumination, using linear tungsten-quartz-halogen filament lamps having R7s sockets and length of either 118mm., 167 mm. or 189 mm.
- Rugged and Lightweight Carbon Steel housing with low glare black epoxy powder coating, with front curved supports for filter frame, in order to hold the colored filters almost perpendicular to the output light rays and guarantee best output energy transmission and no color aberration.
- Compact overall housing with tilt adjustable foot, hinges on sides and bottom cam-locks to attach compartments together in either linear or corner arrangments.
- High efficiency convection cooling.
- High Efficiency and innovative optycal system for homogeneous illumination of backgrounds. The reflector of the Duccio is formed by three different sectors:

  SECTOR B: this portion of reflector is formed by a diffused material and is contributing for lighting the lower/medium region of the cyclorama heigth and has a special shape to avoid the lamp filament immage projection on the background.

  SECTOR A: this section is reflecting and conveying a big amount of light to the top part of the cyclorama, in order to compensate the longer distance of such part from the fixture and to obtain the even illumination of the background. This sector is built using a special semi-diffused aluminum.

  SECTOR C: this portion of reflector is shaped as a spherical sector and it is built with a high reflectivity aluminum. The light rays emitted by the lamp are reflected by the SECTOR C back to SECTOR A and therefore used to lit the top of the cyclorama.

DUCCIO REFLECTOR SYSTEM



Such a unique optycal system is guaranteeing not only the asymmetrical emission required, but an higher efficiency of the DUCCIO if compared with other competitive products. Also the special shape of the optycal system is permitting the savings on the overall heigth of the lighting fixture.

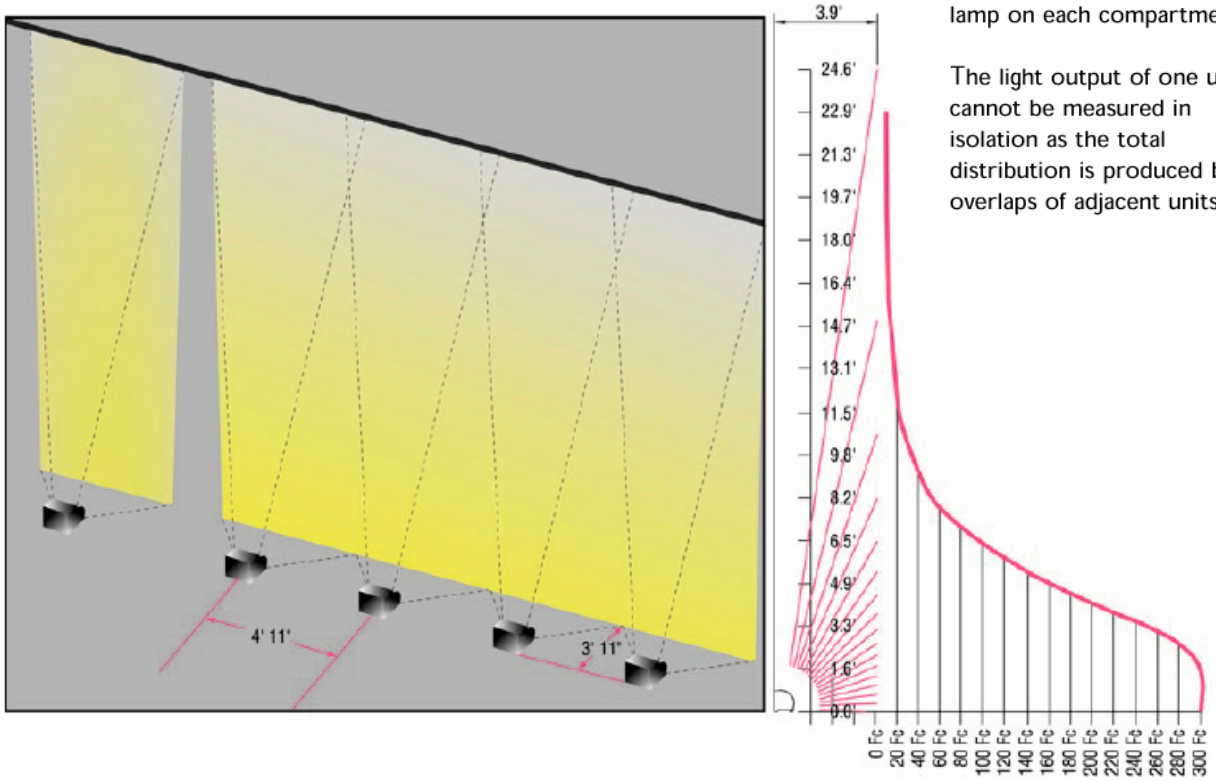
- Flexible filter frame per compartment, to keep the gel tangential to the light output rays so as to achieve the best coefficient of transmission of the color filters, avoiding their overheating and eliminating color aberration on the projection.
- Each lamp compartment is equipped with a stainless steel wire guard.
- The accessories are secure regardless of the orientation of the fixture.

USABLE LAMPS

USABLE LAMPS - length-watt-filament	230 v		120 v	
	ANSI	LIF	ANSI	LIF
189 – 625 – sc 8	-	P2/10	Not available	
189 -1000- sc 8	EKM	P2/7	Not available	
189 – 1250 – sc 8	-	P2/12	Not available	
167 – 1000 – sc 8	Not available		FFT	-
167 – 1500 – sc 8	Not available		FDB	-
119 – 1000 – sc 8	-	P2/20	FCM	P2/28

PHOTOMETRIC DATA

Duccio Photometrics



Measurements are taken with photocell facing the horizontal axis and using FCM 1 kW lamp on each compartment.

The light output of one unit cannot be measured in isolation as the total distribution is produced by overlaps of adjacent units.