

IRIS CLASSIC

General Information

Plate Type	Conventional positive working plate
Application	High-quality medium-run web or sheeted commercial and packaging offset printing
Substrate	Electrochemically Grained and Anodized Lithographic Aluminum
Alloy	Standard 1050 Alloy
Gauge Available	0.15 ¹ - 0.20 - 0.25 - 0.30 - 0.40 (mm)
Maximum Width	1240 mm
Run length	40.000 - 150.000 copies of impression ²
Colour Change	Blue green to pale green

Exposition

Light Source	Iodine-Gallium lamp, metal halogen lamp, also suitable for use with high-pressure mercury lamp and pulse xenon lamp
Power of light	380 V ; 3000-4000 W
Distance between lamp and plate	1 m — 1,2 m
Exposure Time	30 - 50 sec or 60 - 80 sec (depends on light source)
Resolution	2-98 %, lpi 200

Processing (automatic process is recommended)³

Processors	All the main brands in the market
Developer	Dongfang CDP-II is recommended, suitable for use with any other conventional developer
Processing Temperature	20 - 23°C
Dwell Time	30 - 40 seconds
Plate finisher	DF PF-II is recommended
Plate cleaner	All the main brands in the market

Storage and handling

Safelight	Handle under yellow safelight (UV free) until processed
Shelf Life	18-24 month under recommended storing conditions
Packaging	Available in all standard formats
Storage and handling	Unopened plates should be stored in the original pack in a cool and dry environment, away from excessive cold, heat and humidity. Use in a controlled environment of 30 - 70 % RH and 5 – 30°C

¹ For this type gauge, we can also provide punch (on demand)

² Actual run length may vary according to press, ink and paper conditions

³ For more information about process by hand, please contact your Sales Manager