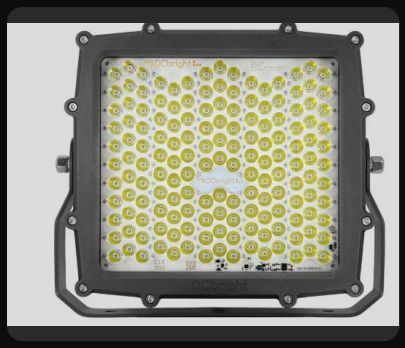


Ultra-High Output Industrial LED Floodlight

DCB95 ORCA

HEAVY DUTY LED FLOODLIGHT

IP67 • IK10 • 3 YEAR WARRANTY

★ IEC 61000-4-2 ★ ISO 10605 ★ ISO 7637-2 ★ ISO 16750-2 ★ AUSTRALIAN DESIGNED ★ 3 YEAR WARRANTY

300-800 W	46,200-111,300 lm	155 lm/W	IP67	IK10	18.2 kg
POWER RANGE	LUMEN RANGE	EFFICACY	INGRESS PROTECTION	IMPACT RATING	WEIGHT

TECHNICAL SPECIFICATIONS

ELECTRICAL	
WATTAGE RANGE	300W - 800W
LUMEN OUTPUT	46,200 - 111,300 lm
LUMINOUS EFFICACY	Up to 155 lm/W
INPUT VOLTAGE (DC)	10-60 VDC
INPUT VOLTAGE (AC)	100-277 VAC / 50-60 Hz
CCT	6500K (Standard)
CRI	>70
DRIVER	3 Independent Drivers
POWER FACTOR	>0.9

MECHANICAL	
DIMENSIONS (W×H×D)	515 × 440 × 95 mm
WEIGHT	18.2 kg
HOUSING MATERIAL	Marine Grade Aluminium
BRACKET	SS316 Stainless Steel
MOUNTING	Adjustable ±240° Rotation
LENS	Toughened Glass

OPTICAL	
BEAM ANGLE (NARROW)	14°
BEAM ANGLE (MEDIUM)	38°
BEAM ANGLE (WIDE)	70°
BEAM ANGLE (ASYMMETRIC)	14° × 46°
OPTIC TYPE	High-Purity PMMA/PC

ENVIRONMENTAL	
INGRESS PROTECTION	IP67
IMPACT RESISTANCE	IK10
AMBIENT TEMPERATURE	-40°C to +85°C
SURGE PROTECTION	10 kV / 5 kA
CORROSION RESISTANCE	Marine Grade (C5-M)
VIBRATION RESISTANT	Yes
WARRANTY	3 Years

KEY FEATURES

- 3 independent driver modules for redundancy
- Corrosion & vibration resistant construction
- Multiple beam angle options
- ±240° rotation for precise aiming
- SS316 stainless steel mounting bracket
- Tool-free lens access for maintenance

MODEL VARIANT MATRIX

Model	Wattage	Lumens	Input	Beam	CCT
DCB156-800DC	800 W	111,300 lm	10-60 VDC	14°/38°/70°/14×46°	6500K
DCB156-300DC	300 W	46,200 lm	10-60 VDC	14°/38°/70°/14×46°	6500K
DCB156-800AC	800 W	111,300 lm	100-277 VAC	14°/38°/70°/14×46°	6500K
DCB156-475AC	475 W	68,000 lm	100-277 VAC	14°/38°/70°/14×46°	6500K