

DRAWING NO	SHEET	MODEL NAME	ISSUE
SPL8179	1 OF 2	SPL8179	1

ISSUE	MODIFICATION	DRN	DATE
1	ORIGINAL ISSUE	NJK	07.08.07



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730 SERIES SPOTLIGHT FIXTURE

SPECIFICATIONS

Overview

The 730 series is a range of internal or external, high brightness LED spotlight fixtures. Available in warm white, cold white and RGB with a choice of three beam patterns and three operating powers. The spotlights are designed to be mounted utilising the four mounting holes in the base. The head of the fixture has approximately 135° of adjustment. Due to the reduced power consumption and long operating life (50,000 hours), this range of spotlights are ideal replacements for conventional accent lighting. The 730 series spotlight fixtures require a constant current input. Please refer to Marl Creative Arc Solid State Lighting Product Selector catalogue for wiring options.

Mechanical

Dimensions: See sheet 2
 Housing: Cast aluminium
 Finish: Powder coated black or silver grey
 Lens: 5mm toughened glass
 IP rating: IP65
 Cable: 2m un-terminated flying lead

Electrical

Input voltage: 12Vdc, 24Vdc or 110-240Vac (see driver data)
 Input current (white): 350, 700 or 1000mA
 Input current (RGB): 350mA
 Operating power (white): 3W, 6W or 9W
 Operating power (RGB): 9W Max

Optical

LED colour: See LED data sheet (for LED part number see sheet 2)
 LED CRI: See LED data sheet (for LED part number see sheet 2)
 Linear optic: 4x25° (white only)
 Medium optic: 30°
 Wide optic: 45°

Thermal

Max. Ambient temperature: 40°C

Driver Options

A - Low voltage, 1 way, non dimmable (white only): See SPL8148
 B - Low voltage, 2-4 way non dimmable (white only): See SPL8148
 C - Low voltage, 1-8 way dimmable (white only): See data sheet DP1512D
 D - Mains, 1 way, non dimmable (white only): See data L07U
 E - 24Vdc, 1 way (RGB): See SPL8097
 F - DMX controller (white or RGB): See SPL8099

Wiring schematic: SPL8192



Benefits

- RGB colour mixing at source
- Industry leading efficacy from light engine
- Low power consumption
- Low maintenance
- Sealed to IP65
- UK manufacturing to ISO 9001

Applications

- Architectural lighting
- Product display
- Garden lighting
- Feature/accent lighting

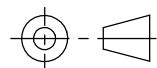


TOLERANCE/ SCALE UOS

LINEAR ± NA

ANGULAR ± NA°

ORIGINAL SCALE 1:1



ALL DIMENSIONS

IN MM

DRN: NJK

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CHK1:

CHK2:

DRAWING NO SHEET MODEL NAME ISSUE
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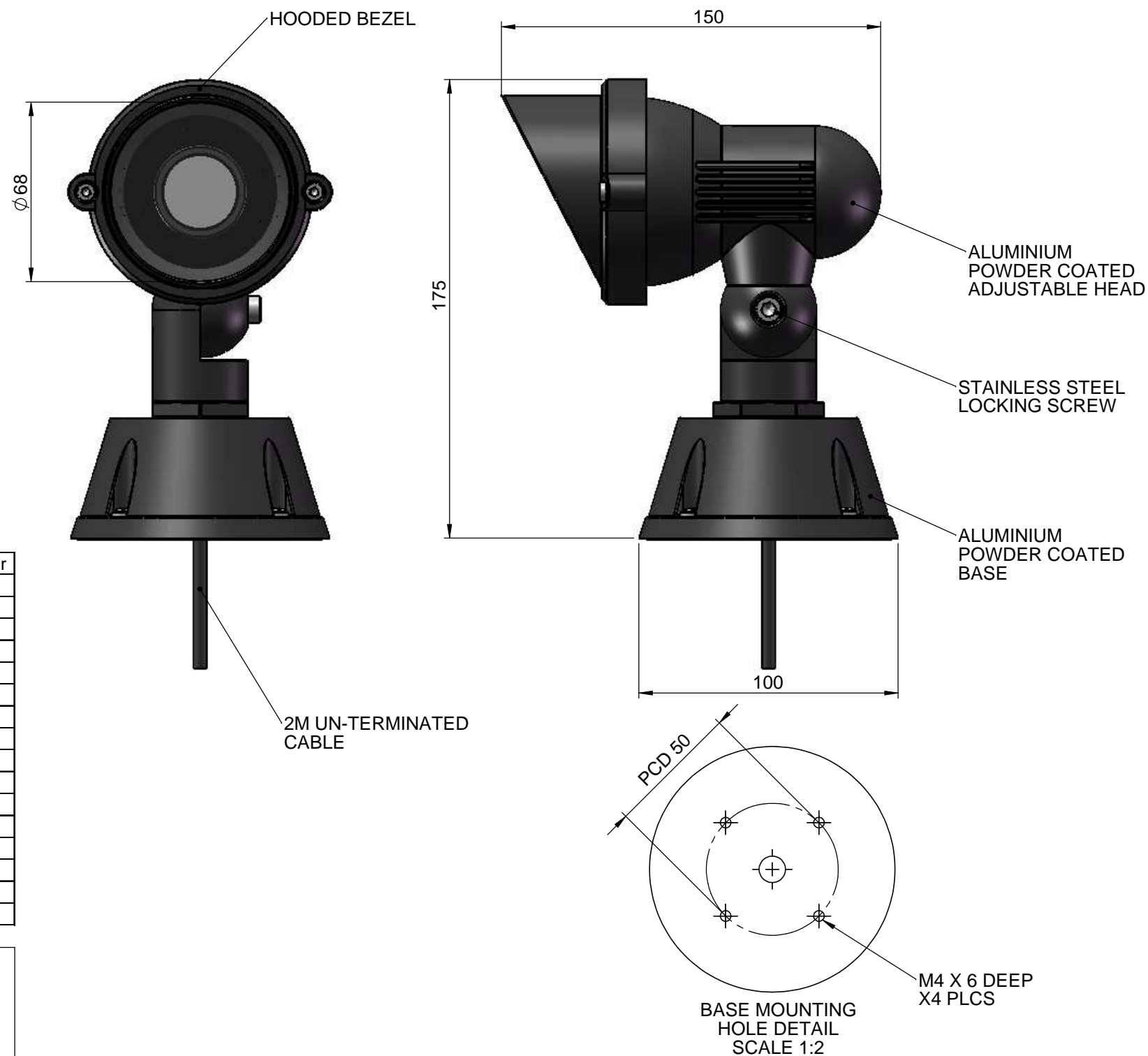
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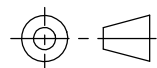
Part Number	Optic	LED Colour	Housing Colour	LED part number
730-615-00-51	Medium	Cold white	Black	NT-42D0-0426
730-615-00-52	Wide	Cold white	Black	NT-42D0-0426
730-615-00-53	Linear	Cold white	Black	NT-42D0-0426
730-616-00-51	Medium	Warm white	Black	NT-42D1-0425
730-616-00-52	Wide	Warm white	Black	NT-42D1-0425
730-616-00-53	Linear	Warm white	Black	NT-42D1-0425
730-617-00-51	Medium	RGB	Black	NT-43F0-0424
730-617-00-52	Wide	RGB	Black	NT-43F0-0424
730-615-00-51-60	Medium	Cold white	Silver grey	NT-42D0-0426
730-615-00-52-60	Wide	Cold white	Silver grey	NT-42D0-0426
730-615-00-53-60	Linear	Cold white	Silver grey	NT-42D0-0426
730-616-00-51-60	Medium	Warm white	Silver grey	NT-42D1-0425
730-616-00-52-60	Wide	Warm white	Silver grey	NT-42D1-0425
730-616-00-53-60	Linear	Warm white	Silver grey	NT-42D1-0425
730-617-00-51-60	Medium	RGB	Silver grey	NT-43F0-0424
730-617-00-52-60	Wide	RGB	Silver grey	NT-43F0-0424

TOLERANCE/ SCALE UOS

LINEAR ± NA

ANGULAR ± NA°

ORIGINAL SCALE 1:2



ALL DIMENSIONS

IN MM

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