FACTORYLUX®

NINETY-NINE™ – DATA SHEET

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PRODUCT DESCRIPTION

Ninety-Nine is a simple, modernist spotlight made from heavy-gauge, extruded aluminium. Remote / integrated driver options. Configurable high-performance light engine with comprehensive BIM and photometry data. Available in VOC free Eco paint finishes , black anodised or Stone Rumbled for maximum Circular Economy. (Swivel component stone rumbled on painted finishes.) Made in the UK and tested to BS EN 60598 | CE | UKCA.

Small Monopoint   Large Monopoint   Track Adapter

Disc Monopoint
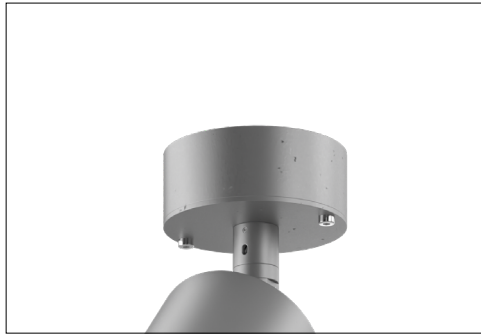
SPECIFICATION

Supply Voltage:	100-250V AC to driver
Primary Material:	Aluminium
Finish:	Stone Rumbled™ Aluminium, Black
Weight:	0.7kg
Mounting:	Small Monopoint, Large Monopoint, Disc Monopoint, Track Adapter
IP Rating:	IP20
CRI:	90 CRI
Luminous Flux:	0-2000 lm / 2700K
	0-2120 lm / 3000K
	0-2270 lm / 3500K (by request)
	0-2340 lm / 4000K
Luminaire Efficacy:	up to 109 lm/W
Current (mA max.):	425 mA
Power Consumption (max. typ.):	16.0 W
Colour Temperature:	2700K, 3000K, 3500K (by request), 4000K
Colour Consistency:	≤ 1x2 MacAdam Ellipses
Colour Stability:	<0.003 Δ u',v' 50,000 hrs
Lumen Maintenance:	50,000 hrs L70/B0/F0
Optics / Beam Angles:	21°, 38°, 59°, Spreader (22°x63°), Wall Wash
Accessories:	Honeycomb Louvre
Operating Temp:	Ambient -20°C/+25°C
Control:	Switched, 1-10V, DALI, Casambi
Standard / Certification:	CE	UKCA [BS EN 60598]	Manufactured in line with UL1598
Manufacture:	UK

Designed, made & tested in the UK
1_DAT_NINETY-NINE-SPOTLIGHT_2308
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Factorylux | Greenhill Mills | Hebden Bridge | HX7 5QF | UK

SPECIFICATION / PRODUCT CODE

EXAMPLE: NMS-SR-SM-2700-DA-WW-NA

FINISH		MOUNTING		CCT		CONTROL		BEAM ANGLE		ACCESSORIES	
Stone Rumbled	[SR]	Small Monopoint	[SM]	2700K	[2700]	Switched	[SW]	21°	[21]	No Accessories	[NA]
Black	[BL]	Large Monopoint	[LM]	3000K	[3000]	DALI	[DA]	38°	[38]	Honeycomb Louvre	[HL]
		Disc Monopoint	[DM]	3500K	[3500]	1–10V	[AN]	59°	[59]		
		Track Adapter	[TA]	4000K	[4000]	CASAMBI	[CA]	Spreader Lens	[SL]		
								Wall Wash	[WW]		

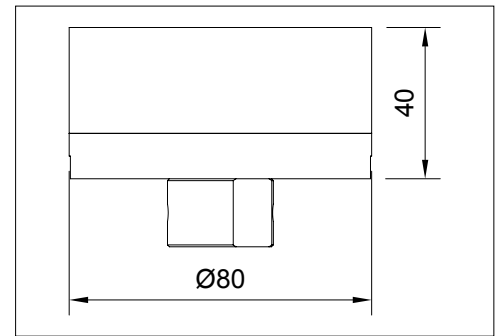## MOUNTINGS

SMALL MONOPOINT

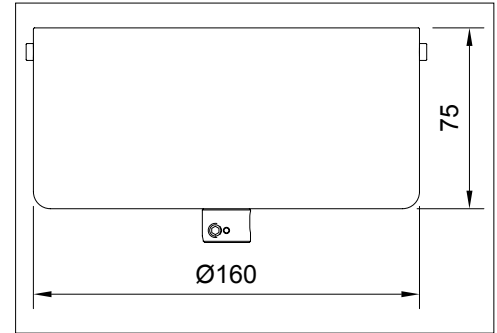Standard mounting with room for electrical connections. Driver to be mounted in remote location

Finish:	Stone Rumbled™ Black
Material:	Aluminium
Voltage Type:	AC / DC
Certification:	CE / UKCA

40

Ø80

LARGE MONOPOINT

Built to house drivers locally to the luminaire.

Finish:	Stone Rumbled™ Black
Material:	Aluminium
Voltage Type:	AC / DC
Certification:	CE / UKCA

75

Ø160

DISC MONOPOINT

50.8mm mounting holes for UK conduit boxes. Other sizes available on request.

Finish:	Stone Rumbled™ Black
Material:	Aluminium
Voltage Type:	AC / DC
Certification:	CE / UKCA

1.5

Ø65
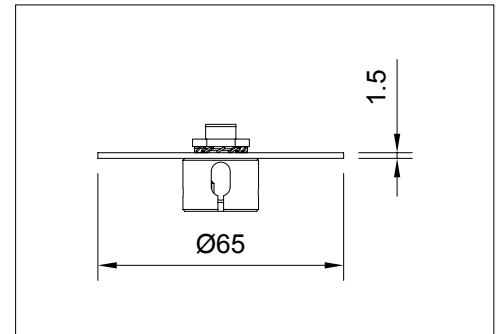
MOUNTINGS
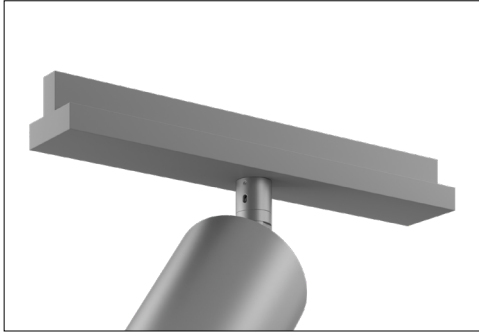
TRACK ADAPTER

Multiple track adapter options to suit your installed system. Mains voltage. Built in drivers.
Contact us to discuss your specific requirements.

Finish:	Grey / Silver
	Black
	White
Voltage Type:	AC

DRIVERS – AC VOLTAGE (100-250V AC)

The following constant current driver types are used.

Typically, for remote drivers: 20W SOLOdrive; for integral drivers (Large Monopoint): 30W SOLOdrive

MAXIMUM WIRING DISTANCE AT FULL LOAD – for 0.5mm2 CSA (20 AWG).

AWG VALUE	20	19	18	17	16
Distance (m)	14	18	22	28	36
Distance (ft)	46	59	72	92	118

EldoLED 20W SOLOdrive

Nominal input voltage:	220-240V AC		Control Protocol:	DALI	
Maximum input current:	0.15 A			0-10V / 1-10V	
Maximum inrush current:	1 A^{2}s @230V / 50Hz			CASAMBI	
Efficiency at full load:	80%		Dimming range:	100% - 0.1%	
Power factor at full load:	> 0.95		Size:	160 x 42 x 31 mm	
Maximum output power:	20 W		Weight:	125 g	
LED output range:	150-1050 mA				

ACB Loading:	Type	B/C10	B/C13	B/C16
	Max driver qty	66	86	106

EldoLED 30W SOLOdrive

Nominal input voltage:	100-250V AC		Control Protocol:	DALI	
Maximum input current:	0.35 A @120V / 60Hz			0-10V / 1-10V	
Maximum inrush current:	< 200 mA^{2}s @120V / 60Hz			CASAMBI	
Efficiency at full load:	85%		Dimming range:	100% - 0.1%	
Power factor at full load:	> 0.9		Size:	130 x 72 x 28 mm	
Maximum output power:	30 W		Weight:	286 g	
LED output range:	150-1400 mA				

ACB Loading:	Type	B/C10	B/C13	B/C16
	Max driver qty	33	43	53