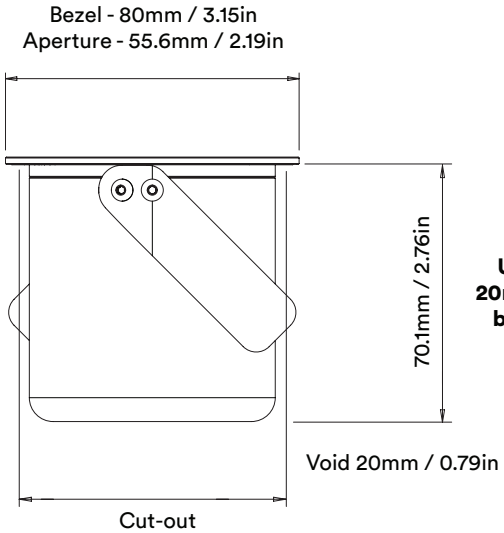
orluna

toto plus
origin natural

IP67
IP54



Unit height increases by 20mm / 0.79in for SPOT and both ELLIPTICAL BEAMS

ORLUNA LED Technologies Limited,
Unit C, Holly Industrial Park,
Ryan Way, Watford,
Hertfordshire WD24 4YP
United Kingdom

info@orluna.com

+44 (0) 1923 889 712

toto plus
origin natural

orluna

2700K

		SPOT			SOFT				SPECIALITY		
LIGHT VALUES		Ultra	Spot	Narrow	Medium	Wide	Flood	Wash	Crisp	Elliptical	Elliptical
	Beam Width FWHM	8°	10°	14°	30°	47°	53°	60°	35°	10×45°	20×40°
	Initial Lumens	533	953	1021	1021	1021	1021	1021	1021	953	953
	Engine Lumens	223	357	379	871	859	802	836	861	266	290
	Luminaire Lumens	195	351	379	593	665	616	632	726	210	252
	Engine Lm/W	29	29	33	76	75	70	73	76	22	24
	Luminiare Cd	7065	9911	5795	1400	953	753	650	1757	768	1414
POWER	Voltage	36V	36V	34V						36V	
	Drive Current	180mA	300mA	300mA						300mA	
	Circuit Power (typ)	7.8W	12.2W	11.4W						12.2W	

3000K

		SPOT			SOFT				SPECIALITY		
LIGHT VALUES		Ultra	Spot	Narrow	Medium	Wide	Flood	Wash	Crisp	Elliptical	Elliptical
	Beam Width FWHM	8°	10°	14°	27°	47°	53°	60°	35°	10×45°	20×40°
	Initial Lumens	637	984	1138	1138	1138	1138	1138	1138	984	984
	Engine Lumens	223	368	401	947	944	897	909	943	235	274
	Luminaire Lumens	215	359	401	577	681	633	642	754	198	251
	Engine Lm/W	29	30	35	83	83	79	80	83	19	22
	Luminiare Cd	8274	9755	6702	1528	979	784	650	1851	744	1408
POWER	Voltage	36V	36V	34V						36V	
	Drive Current	180mA	300mA	300mA						300mA	
	Circuit Power (typ)	7.8W	12.2W	11.4W						12.2W	

	Binning SDCM (Hot)	2
	CRI (typ)(R9)	98 (99)
	TM30 Rf Rg	Rf 97.7 Rg 100.4
	Lifetime (TM21)	L90 B5 50,000hrs (inc driver)
	Lifetime (Calculated)	L70 426,000hrs
DRIVER	Protocols	Mains Dim / DALI / 0-10V / Non-dim
	Dim to Dark	0.1% Lux
	Distance from LED	20m / 65' (series wiring)
	Emergency	N/A

NUMBER OF LIGHTS PER DRIVER

Protocols	Code	No of lights per driver
DALI	D - 300	1
0-10	0 -300	1
Mains <1% Dimming	M - 300	1

SPECIFICATION CODE

Engine type		Bezel		Colour Temp	Driver	Beam Width		Bezel Colour		Baffle Colour		Options
NL	-	TP	-	27	X	M	-	SS	-	BB	-	54
				27 / 2700K 30 / 3000K *40 / 4000K	**X / No Driver**	**M / Medium** W / Wide F / Flood H / Wash U / Ultra S / Spot N / Narrow C / Crisp L / Elliptical Linear O / Elliptical Oval		**SS / Stainless steel*1** W / White 9010*1 D / White 9003*1 A / Black anodised*1 G / Polished Brass*2 J / Antique Bronze*2 K / Brushed Chrome*2 L / Polished Chrome*2 F / Satin grey*3 P / Brushed Brass*3 Z / Other Metallic *3 C / Other RAL *3		**BB / Black anodised**		**54 / IP54** 67 / IP67* P / Sea & Spa IP67 Z / LSZH Cable K / Click Connector I / Installation sleeve H / Honeycomb N / Frosted Lens Q / Kicker optic Y / 10m Cable - 1m standard
				*NOTE:increase 3000k by 7%				*1 – standard, in stock *2 - premium, in stock *3 – premium, non-stock				*NOTE: IP67 only available in Stainless Steel, Anodised Black, Satin Grey and Brushed Brass

ORLUNA LED Technologies Limited,
Unit C, Holly Industrial Park,
Ryan Way, Watford,
Hertfordshire WD24 4YP
United Kingdom

info@orluna.com

+44 (0) 1923 889 712