



Unit height increases by
21.65mm / 0.85in
for spot and elliptical beams

		2700K									
		SPOT			SOFT				SPECIALITY		
LIGHT VALUES	Beam Width FWHM	Ultra	Spot	Narrow	Medium	Wide	Flood	Wash	Crisp	Elliptical	Elliptical
	Initial Lumens	8°	10°	14°	26°	41°	48°	55°	35°	10x45°	20x40°
	Engine Lumens	533	953	1021	1021	1021	1021	1021	1021	953	953
	Luminaire Lumens	223	357	379	871	859	802	836	861	266	290
	Engine Lm/W	195	351	379	588	596	576	600	639	210	252
	Luminaire Cd	29	29	33	76	75	70	73	76	22	24
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	Beam Width FWHM	Ultra	Spot	Narrow	Medium	Wide	Flood	Wash	Crisp	Elliptical	Elliptical
	Initial Lumens	8°	10°	14°	26°	41°	48°	55°	35°	10x45°	20x40°
	Engine Lumens	637	984	1138	1138	1138	1138	1138	1138	984	984
	Luminaire Lumens	223	368	401	947	944	897	909	943	235	274
	Engine Lm/W	215	359	401	629	658	626	650	705	198	251
	Luminaire Cd	29	30	35	83	83	79	80	83	19	22
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
Protocols	Mains Dim / DALI / 0-10V / Non-dim
Dim to Dark	0.1% Lux
Distance from LED	20m / 65' (series wiring)
Emergency	Emergency packs available

SPECIFICATION CODE

Prefix	Colour Temp	Driver	Beam Width	Bezel Colour	Baffle Colour	Options
OTTO	27	M	S	W	BB	F 54 E
	27 / 2700K 30 / 3000K 40 / 4000K	M / Mains Dim D / DALI 0 / 0-10v N / Non Dim X / No Driver	U / Ultra S / Spot N / Narrow M / Medium W / Wide F / Flood H / Wash C / Crisp L / Elliptical Linear O / Elliptical Oval	W / White RAL 9010 D / White RAL 9003 E / White RAL 9016 B / Black RAL 9005 C / Other RAL G / Polished Brass J / Antique Bronze K / Brushed Chrome L / Polished Chrome I / Polished Copper Z / Other Metallic	BB / Black 9005 WB / White 9010 DB / White 9003 EB / White 9016 CB / Other RAL MB / Polished Brass JB / Antique Bronze KB / Brushed Chrome LB / Polished Chrome IB / Polished Copper ZB / Other Metallic	F / 60 min Fire Rated Plate 54 / IP54 65 / IP65 P / Sea & Spa IP65 *C / Constant Torsion J / Plaster-In Plate E / 3hr Emergency H / Honeycomb N / Frosted Lens Z / LSZH Cable K / Click Connector

*NOTE: Fire Hood if used with constant torsion springs