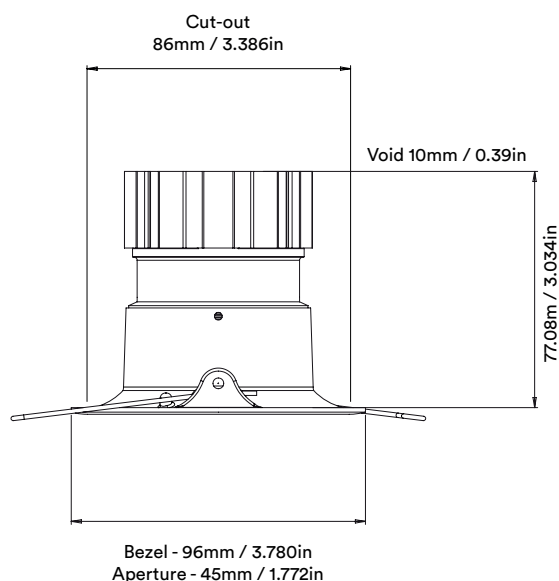


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curve fixed origin natural



curve fixed origin natural

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		2700K									
		SPOT			SOFT				SPECIALITY		
LIGHT VALUES	Beam Width FWHM	Ultra 8°	Spot 10°	Narrow 14°	Medium 27°	Wide 44°	Flood 53°	Wash 61°	Crisp 37°	Elliptical 10×45°	Elliptical 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	751	758	729	779	781	210	252
	Engine Lm/W	29	29	33	76	75	70	73	76	22	24
	Luminaire Cd	7065	9911	5797	1886	1098	840	739	1624	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	Beam Width FWHM	Ultra 8°	Spot 10°	Narrow 14°	Medium 27°	Wide 44°	Flood 53°	Wash 61°	Crisp 37°	Elliptical 10×45°	Elliptical 20×40°
	Initial Lumens	637	984	1138	1138	1138	1138	1138	1138	935	935
	Engine Lumens	223	368	401	947	944	897	909	943	235	274
	Luminaire Lumens	215	359	401	813	853	807	823	872	198	251
	Engine Lm/W	29	30	35	83	83	79	80	83	19	22
	Luminaire Cd	8274	9755	6702	2098	1254	946	798	1849	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	

DRIVER	Binning SDCM (Hot)	2									
	CRI (typ)(R9)	98 (99)									
DRIVER	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	Emergency packs available									

SPECIFICATION CODE

Engine type	Bezel	Colour Temp	Driver	Beam Width	Bezel Colour	Options
NL	- CVF -	27	M	S	- W -	F 54 E
		27 / 2700K 30 / 3000K 40 / 4000K	M / Mains Dim D / DALI O / 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	F / 60 min Fire Rated Plate 54 / IP54 65 / IP65 P / Sea & Spa IP65 E / 3hr Emergency Z / LSZH Cable K / Click Connector