

Technical Specification

STR-105

Product Name:	STR-105
Category:	Street Light
Description:	Pole mounted 105W LED street light with corrosion resistant IP66 housing



Photometrics:	Lumen Output = 12074 lumen	Construction:	IP66 rated
	Available in Cool White – 5700K		Powder coated cast aluminium heatsink
	CRI > 70		Assembled by LEDwise in South Africa
	Symmetrical & street light lenses available		Head tiltable through 30°
	L70 > 60,000 hrs at Ta = 35° Celsius		Gore™ vent for outgassing and pressure equalization
	High powered Osram LEDs		
Power:	IES Files available on request	Installation:	
Max System Power Consumption = 105 W			60mm pole mount
System efficacy of 114 lm/W			Internal LED driver and AC connection
Power factor > 0.99			Surge protection device available
	230VAC input voltage		

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Dimensions			
Product Code	Width (mm)	Length (mm)	Height (mm)
STR-105	289	738	116

Electrical Characteristics		
Parameter	Value	Unit
LED Drive Current	700	mA
Operating Voltage/Frequency	230/50-60	V AC/Hz
Dimming	On request	-
Power	105	W
Power Factor	>0.99	-
Driver Efficiency	>90	%

Optical Characteristics								
Product Code	LED Colour		Colour Temp (K)	Luminaire Intensity (lm) *	Bare LED Intensity (lm) **	Angle (°)	Min CRI	Fitting Colour
STR-105	<input type="checkbox"/>	W	5700	12074	14551	30,55,90,ME ,Oval,T1,T2,T3,VSM	70	Bk

* Values accurate to within 10%

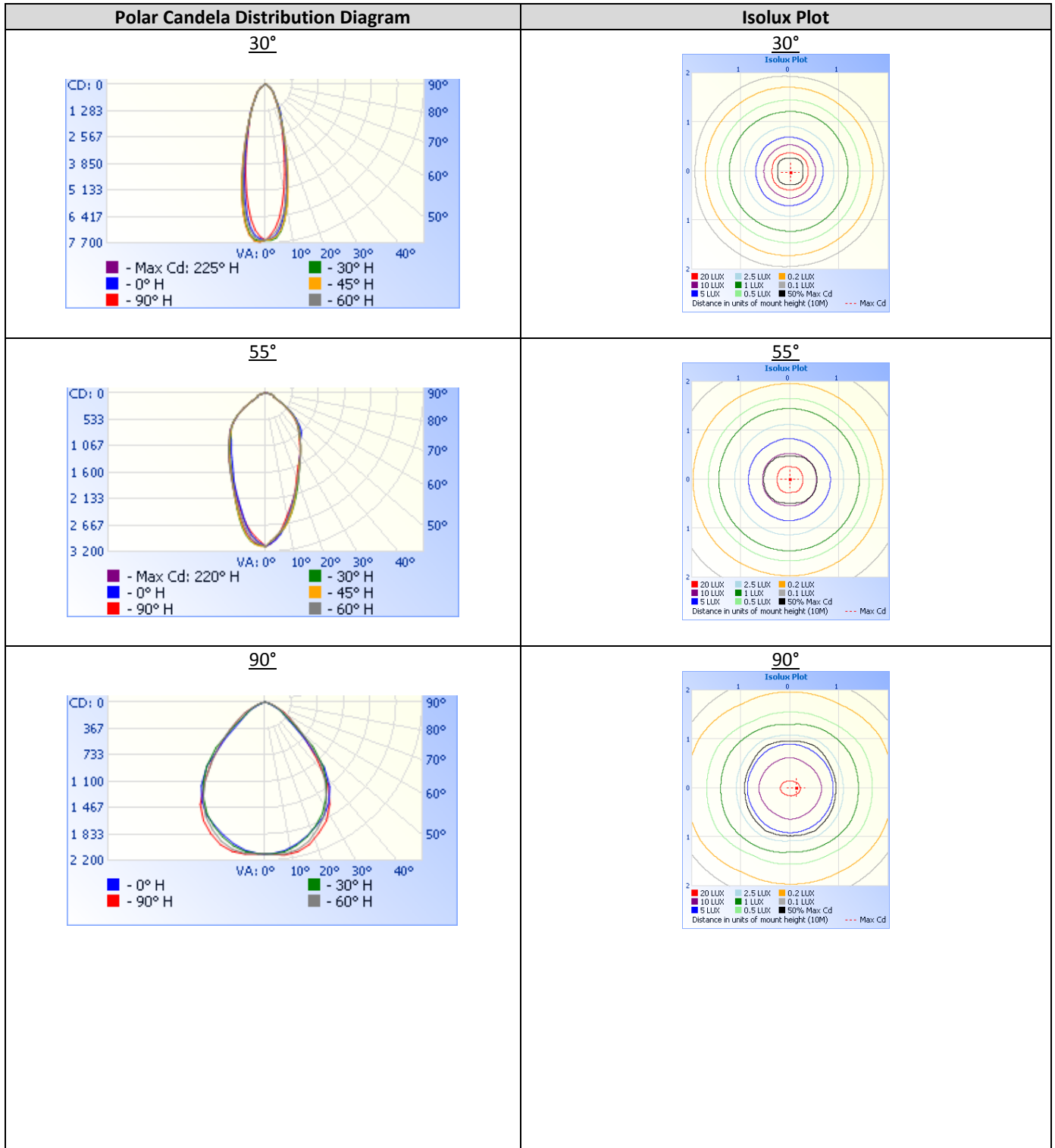
W - Cool White LED Colour

Bk - Black

** At normal operating conditions (Tc = 85°C)

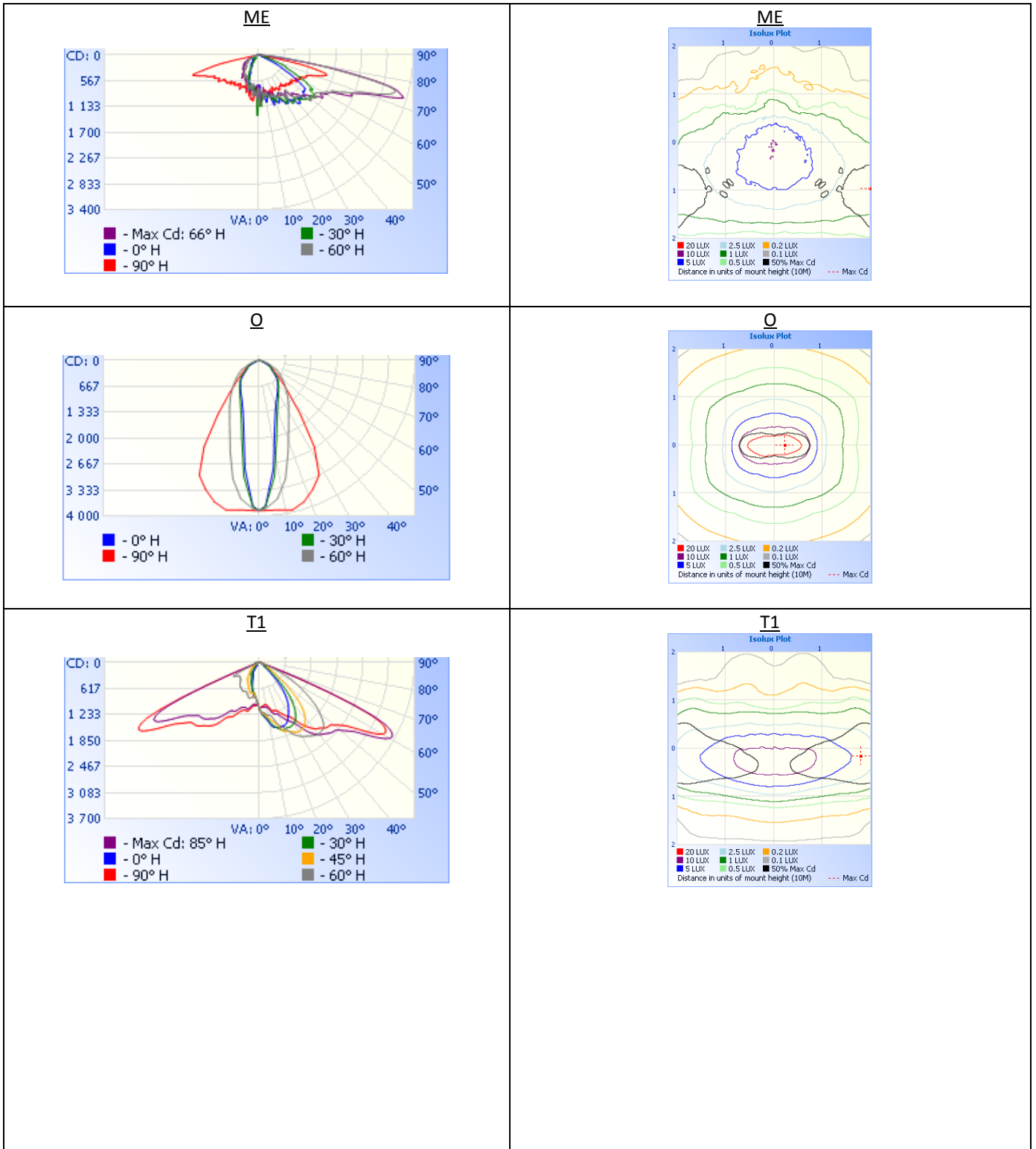
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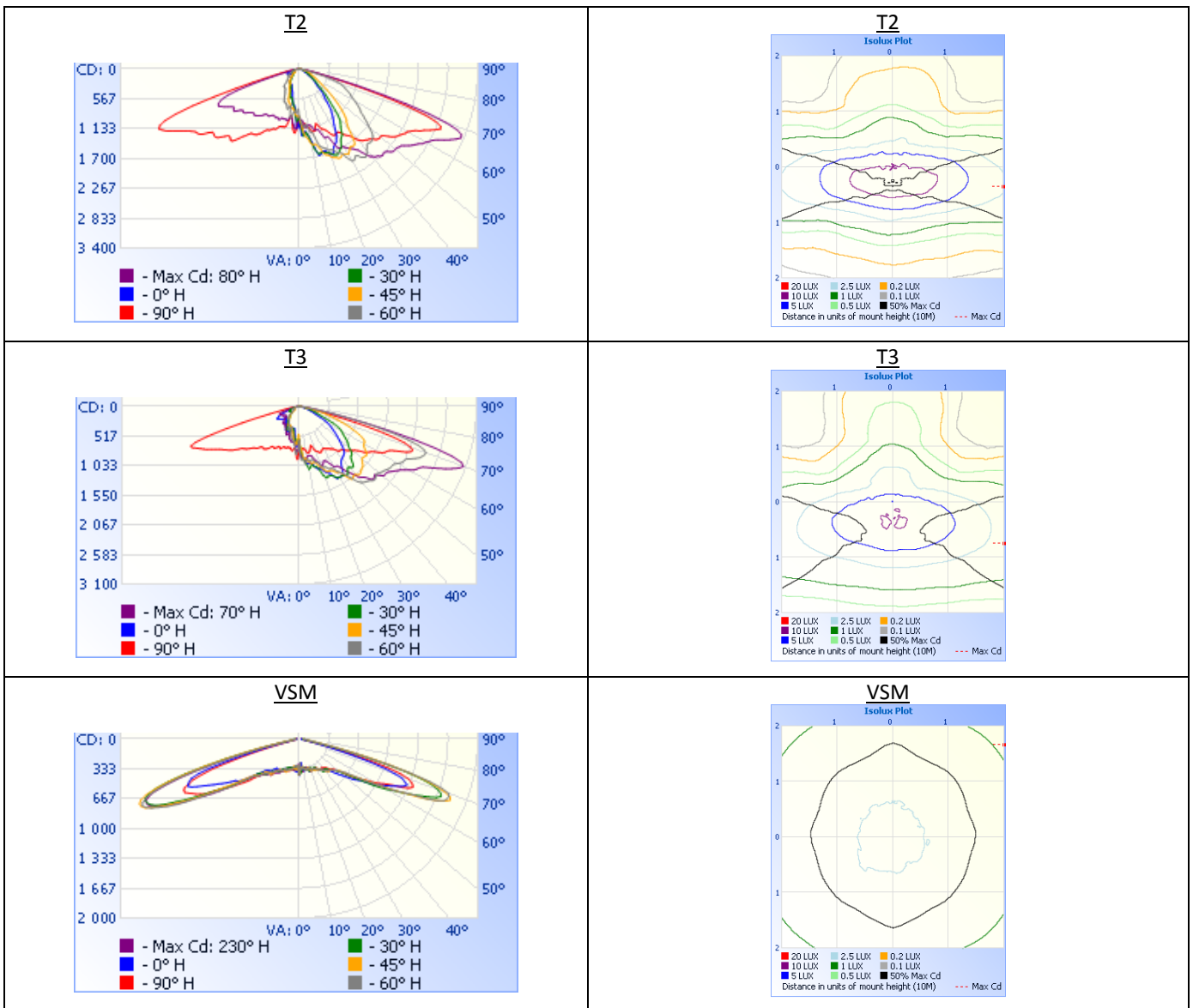
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Product Ordering Code

Example: STR-105-W-T1-Bk-N

STR-105	W	T1	Bk	N
Product Code	Cool White LED Colour	Distribution	Fitting Colour	Non Dimmable

Document Info

STR-105 Rev 6