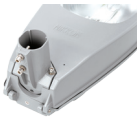
S419



features

electrical system
- built-in control gear suitable for HID lamps from 70W - 400W

housing
- high pressure die-cast aluminium with AKzo Nobel Interpon outdoor epoxy powder coating

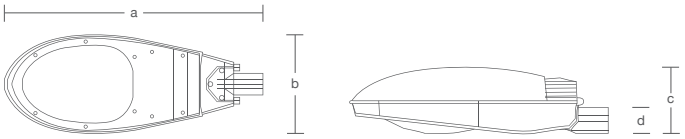
glass bowl
- thermal resistant tempered glass bowl

reflector
- deep draw high purity anodized aluminium reflector

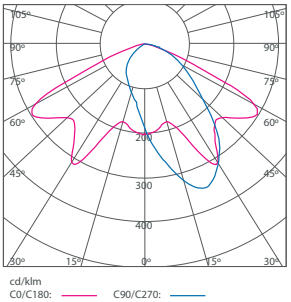
spigot
- standard spigot: 7°
  suitable for side entry mounting & post-top mounting (upon request)
- customized spigot: 0° (Upon Request)
  only suitable for side entry mounting

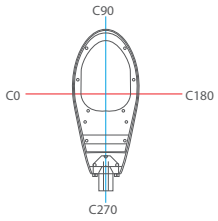
compliance and approvals
- sirim general requirement & test — IEC60598-1:2003
- sirim particular requirement (street lantern) — IEC60598-2-3
- TUV photometry — CIE 121:1996, CIE 70 :1987
- CE marking
- TUV type test — EN55015:2006 + A1 2007, EN61547:1995 + A1:2000, EN61000-3-2:2006 (class c), EN61000-3-3:1995 + A1, :2001 + A2, :2005, IEC60598-2-3:2002, EN60598-2-3:2003

dimension



photometric curve





note : photometric result tested based on 48000lm HPS 400W clear tube

technical data

ingress protection • IP66 (lamp compartment) & IP66 (gear compartment)
insulation class • class I (note : class II is available upon request)
voltage • 220 - 240 Vac 50 / 60Hz
lamp wattage • 70W - 400W
holder type • E27 & E40
maximum weight • 15.5kg
designed standards • IEC 60598-2-3
spigot size • ø50 mm - S419-70 & S419-150
• ø65 mm - S419-250 & S419-400

IP66 lamp compartment

IP66 gear compartment

key for standard order coding

S419 - 150 - S 0150

- capacity code : example = 150W
- lamp type : S = high pressure sodium
- housing model

matching table

housing model	lamp type					lamp holder	casing dimension (mm)				weight (kg)	carton dimension	order code
	high pressure sodium						a	b	c	d		(L x W x H) mm	
	70W	100W	150W	250W	400W								
S419-70	√					E27	500	200	136	50	5.0	455 x 230 x 140	S419-70-S0070
S419-150	√	√	√			E27 & E40	639	269	170	50	7.5	580 x 290 x 195	S419-150-S0150
S419-250			√	√		E40	764	302	189	65	10.5	690 x 330 x 210	S419-250-S0250
S419-400				√	√	E40	880	354	260	65	15.5	820 x 375 x 230	S419-400-S0400

* metal halide & mercury vapor street lantern are available upon request.

note : Due to rapid change and continuous improvement in technology, all specifications are subject to change without prior notice to improve reliability, function or design in order to supply the best product possible.

website : syntech-solutions.my email : general@syntech-solutions.my whatsApp : +6010 - 8820717 tel : +6082 - 529717/ 456717

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