

STREETLIGHT / STL-COMPACT

OUTDOOR

APEX COMPACT

by eLighting

INGRESS
IP66

LUMINOUS FLUX

7600_{lm}

SYSTEM POWER

50_W

EFFICACY

152_{lm/W}

COLOUR RENDERING

>80_{CRI}

OVERVIEW

A high-performance outdoor lighting solution engineered for roads, parking areas, industrial facilities, estates, and public spaces. Constructed from a durable die-cast aluminium housing with an advanced heat dissipation design, the Apex delivers reliable illumination, excellent energy efficiency, and long service life. Available with adjustable mounting options and optional photocell control, the Apex is designed to withstand harsh outdoor environments and deliver dependable performance year after year.

OPTICAL & PHOTOMETRIC

Luminous Flux	7600 lm
Efficacy	152 lm/W
Correlated CCT	4000K - 6500K
Colour Rendering (CRI)	>80
Beam Angle	140x70
Distribution	Assyemtric Type II/ III
Colour Notes	SDCM 3

PHYSICAL & ENVIRONMENTAL

Dimensions	503x169x88mm (42mm -64mm Pole Entry)
Weight	2.5 kg
Housing Material	Aluminium
Lens / Diffuser	High Impact polycarbonate
Finish / Colour	Grey
IP Rating	IP66
IK Rating	IK09
Operating Temp	-20°C to +45°C

ELECTRICAL

System Power	50 W
Input Voltage	220 - 240V (100-277V AC)
Frequency	50/60 Hz
Power Factor	>0.95
Driver Type	Constant Current
THD	<13%
Surge Protection	10kV with indicator
Dimmable	No
Battery Backup	Yes
Backup Duration	3 Hour (Available on request)

LIFESPAN & WARRANTY

Rated Lifespan	L80 B10 70,000h @ 25°C
Warranty	5 Years
Lumen Maintenance	LM80 tested

COMPLIANCE

SANS 60598-2-1;SANS475

MODELS / VARIANTS

MODEL	POWER	LUMENS	EFFICACY	CCT	CRI	BEAM	DIMENSIONS	WEIGHT
APEX30	30 W	4600lm lm	153 lm/W	4000 - 6500K	80	140°x70°	503x169x70	2.5Kg
APEX40	40 W	6080 lm	152 lm/W	4000 -6500K	80	140°x70°	503x169x70	2.5Kg
APEX50	50 W	6800 lm	152 lm/W	4000 - 6500K	80	140° x70°	503x169x70	2.5Kg

LIGHT DISTRIBUTION CURVE



