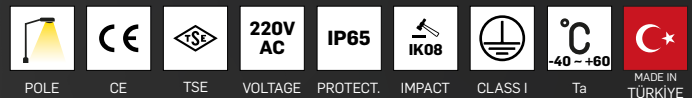




GR12

IP65 Landscape

LED Lighting



HOUSING

Electrostatic powder paint coated die cast aluminum housing
IP65 Protection
IK08 Impact Protection
Electrical Safety Class I

Body Color Options



OPTIC

PC diffuser with high transmissivity
UGR (CIE Pub.117):21
IEC/EN 62471 Photo-Biologic Protection RG1

Optic Options



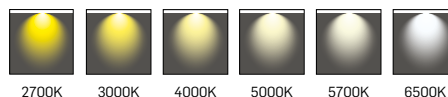
LED

SMD LED with a minimum lifetime of 100.000 hours
High color rendering (CRI>80)

Color Rendering Index



CCT



CONTROL

Rated Input Voltage
Range of Input Voltage
Frequency
Power Factor
Operating Temperature
Constant Current LED Driver

220~240VAC
90~305VAC
50~60Hz
PF>0.95
-40°C ~ +60°C

Additional Features



0-10V Prog.

Over Current Protection (OCP), Over Voltage Protectio (OVP),
Short Circuit Protection (SCP), Over Temperature Protection (OTP)

STANDARDS

Luminaire Standarts
Driver Standarts

EN 60598-1 - EN 60598-2-3
LVD (EN 61347-1, EN 61347-2-13)
EMC (EN 55015, EN 61547, EN 61000-3-2/3-3)

GR12

IP65 Landscape

LED Lighting



Power	Lum. Flux	Efficiency
60W	- lm	- lm/W
90W	5450 lm	60 lm/W

Packaging Sizes	
Width	- cm
Length	- cm
Height	- cm
Amount per ctn.	- pcs.
Ctn. weight	- kg
Deci	-

ORDER CODE EXPENSION

GR12-	060R-	090	-	8	40	S	-	9005-0120-	V	S	S	S	65
GROUP CODE	BODY CODE	POWER		CRI	CCT	EFFICIENCY	BODY COLOR	OPTIC	CONTROL	DRIVER	KIT	ACCESSORY	IP
GR12	060R	060: 60W 090: 90W		8: 80	27: 2700K 30: 3000K 40: 4000K 65: 6500K	S: Standart	9006: Gray 7016: Anthracite 9005: Black	0120: 120°	V: 0-10V Prog.	S: LAMPTIME	S: Standart	S: Standart	65: IP65