



TON N.W. RAL9010 105W 90° IP66/7+JB-EMC
6942-54-001

Powerful and robust LED floodlight - Compact and low weight housing One lens for each LED assure intense and precise light beam

Lighting features	
LED Characteristics	Power LED
Number of LEDs	12
Light Source Lumen	12840 lm
Item Lumen	11350 lm
Light Source Efficiency	135 lm/W @85°C
Item Efficiency	108 lm/W @85°C
Color Temperature	White 4000K
Optics	90°
Minimum CRI	80
SDCM	3 STEP
Photobiological Risk	RG1
Energy Efficiency Class	

Electrical features	
Input Voltage	100/240V AC 50/60Hz
Total Absorbed Power	105W
Power Factor	> 0,95
Driver	Included
Power Supply Type	Constant Current
Driver Output	700mA
Driver Input	90/305V AC 50/60Hz
Driver Protection	Mains surge 6kV; (L/N - PE) 10kV

Mechanical features	
Housing material	Die-cast aluminum copper free EN AB 44100
Surface treatment	Polyester Painting
Housing color	White RAL 9010
IP	IP66 / IP67
IK	07
MIL-S 9001D Grade A- Class I – Type A	SI
Diffuser / Protective shield	Extra-clear tempered glass, 4mm thick
Cable gland, cable Ø min-max	N°1 PG M20x1.5 EMC, Øext. cable: min 9mm - max 16mm
Mounting	With stainless steel bracket AISI 316L; fixing with 2 M12 screws
Corrosion category	Salt Spray Resistance ASTM B117 >1500 hours
Operating ambient temperature	-40°C / +55°C
Storage ambient temperature	-40°C / +80°C
Item Dimensions	370x142x319mm - 8,5kg

Others	
Luminous Flux Maintenance	L80 100000h
Driver Lifespan	100000h
Packaging Dimensions	470x180x470mm - 9.5kg
International standard compliance	EN 60598-1; EN 60598-2-1; Lloyd's Register: 2020 + Notice 2021; EN 62471 + TR62778; EN50581
Eancode	8019282575634
Made In	Italy
Insulation Class	

CE

