




**TON 100**  
**6942-54-324**

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	<b>Power LED</b>
Number of LEDs	<b>12</b>
Light Source Lumen	<b>12840 lm</b>
Item Lumen	<b>11397 lm</b>
Light Source Efficiency	<b>135 lm/W @85°C</b>
Item Efficiency	<b>108 lm/W @85°C</b>
Color Temperature	<b>White 4000K</b>
Optics	<b>26°</b>
Minimum CRI	<b>80</b>
SDCM	<b>3 STEP</b>
Photobiological Risk	<b>RG1</b>
Luminous Flux Maintenance	<b>L70 Median useful life LED Ta25 100.000Hr</b>
Energy Efficiency Class	

Electrical features	
Input Voltage	<b>100/240V AC 50/60Hz</b>
Total Absorbed Power	<b>105W</b>
Power Factor	<b>&gt; 0,95</b>
Driver Lifespan	<b>100000h</b>
Driver	<b>Included</b>
Power Supply Type	<b>Constant Current</b>
Driver Output	<b>700mA</b>
Driver Input	<b>100/240V~ 50/60Hz</b>
Driver Protection	<b>Mains surge 6kV; (L/N - PE) 10kV</b>

Mechanical features	
Housing material	<b>Die-cast aluminum copper free EN AB 44100</b>
Surface treatment	<b>Polyester Painting</b>
Housing color	<b>White RAL 9016</b>
IP	<b>IP66 / IP67</b>
IK	<b>07</b>
Shock proof MIL-S 901D	<b>SI</b>
Diffuser / Protective shield	<b>Extra-clear tempered glass, 4mm thick</b>
Cable gland, cable Ø min-max	<b>M20x1.5 polyamide - Ø cable: min. 7mm - max. 12mm</b>
Mounting	<b>With stainless steel bracket AISI 316L; fixing with 2 M12 screws</b>
Corrosion category	<b>Salt Spray Resistance ASTM B117 &gt;1500 hours</b>
Operating ambient temperature	<b>-40°C / +55°C</b>
Storage ambient temperature	<b>-40°C / +80°C</b>
Item Dimensions	<b>370x142x319mm - 8,5kg</b>

Others	
Packaging Dimensions	<b>470x180x470mm - 9.5kg</b>
International standard compliance	<b>EN 60598-1; EN 60598-2-5; EN62471 + IEC TR 62778; EN 50581; IEC 60533; IEC 60092-306</b>
Eancode	<b>8019282538912</b>
Made In	<b>Italy</b>
Insulation Class	