

# Datasheet

Type: NS83  
Itemnr.: 8300470830002



## Technical Data

Lumen	2.900lm or 5.800lm ± 5 %
Beam Angle	60, 90, 120 ,T2/T3/T4
Colors Available	Warm white, Neutral white
Color Temperature	2700K, 3000K, 4000K
Color Rendering	CRI80 (Option CRI90)
MacAdam	Step 5 (Option Step 3)
Consumption	20W or 40W
Voltage Range	220 ~ 240VAC 50/60Hz
Current LEDs	700mA - 1.25A
PF Power Factor	>95 @ Full load
Flicker	<5 % Flicker free (IEEE Std. 1789-2015)
10A Fuse Type C	Max. 11 luminaires (Start Current limit)
Leakage current	<0.75mA @ 277V AC
Efficiency	145 lm/W (LEDs 220 lm/W)
Equal To	NS83 20W = Metal halide 35W
Lifetime TM-21	65K hours at Ta = 25°C (L80) B50
Lifetime LEDs	100K hours at Ta = 25°C (L80) B50
Lifetime driver	100K hours at Ta = 25°C (MTBF) B50
Driver Options	DALI, IoT or Motion sensor
IP Code	IP66
IK Class	IK10
Class	2, Double Insulated or Class 1 option
Working temp	-30 to 50 degree Celsius
Size	Ø500 x H557 mm
Installation	Poles 48, 60 or 78mm
Linkable cables	No, comes with fixed power cords
Material used	Aluminum, Steel, Glass, PC
Weight	6 Kg
Shipping	Package of 1 pc
IES File	Yes
Certificates	CE, ROHS, TM21, LM80, IES
Other	ENEC, only for driver unit
Warranty	5 years*
Housing	White, Antracit, Grey, Black or optional RAL
Included	Complete lamp housing, LEDs, driver



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