Datasheet

Type: NS13
Itemnr.: 1300510930001

NS13

A flexible lighting solution with different color tempratures and frame options to choose from

lenses

straight | adjustable | elipticle | circular

Frames

Ø60*H70MM

Ø86*H100MM

Ø105*H118MM

Ø133*H140MM
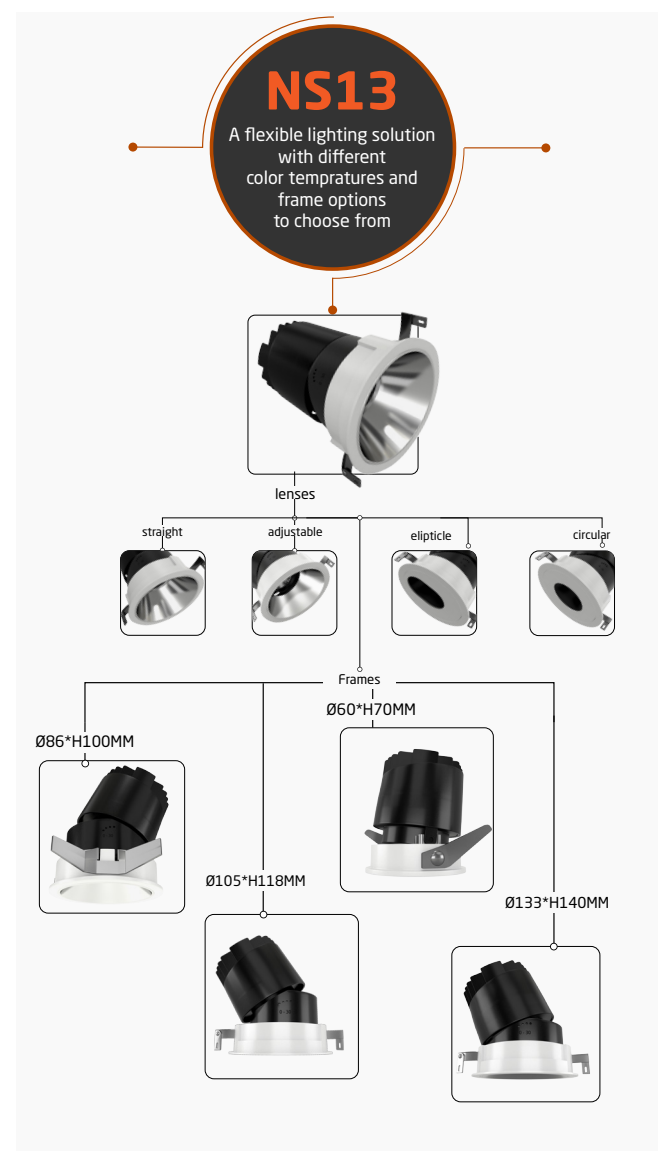
Technical Data

Lumen	660lm, 1320lm, 2200lm or 2750lm ± 5 %
Beam Angle	10, 15, 24, 38 antiglare ring (No or Rotate)
Colors Avaliable	Warm white, Neutral white, Cold white
Color Temperature	3000K, 4000K, 5000K (Opt Tunable White)
Color Rendering	CRI80 (Option CRI90)
MacAdam	Step 3 (Option step 2)
Consumption	6W, 12W, 20W or 25W ± 2 %
Voltage Range	180 ~ 264VAC 50/60Hz external driver
Current LEDs	350mA or 700mA (adjustable)
PF Power Factor	>95 @ Full load
Flicker	<1 % Flicker free (IEEE Std. 1789-2015)
10A Fuse Type C	Max. 25 luminaires (Start Current limit)
Leakage current	< 0,5mA @ 240V AC (custom possible)
Efficiency	110 lm/W (LEDs 185 lm/W) - Custom possible
Equal To	NS13 25W = Metal halide HIT 35W
Lifetime TM-21	50K hours at Ta = 25°C (L90) B10
Lifetime LEDs	100K hours at Ta = 25°C (L80) B50
Lifetime driver	100K hours at Ta = 25°C (MTBF) B50
Driver Options	DALI, DALI V2 DT8, 1-10V, Push dim or CLO
IP Code	IP20 (Front IP44)
IK Class	N/A
Class	2, Double Insulated
Working temp	-20 to 45 degree Celsius
Size	Ø60, 86, 105 or 133mm (H70,100,118,140)
Hole size	Ø50, 75, 95, 120mm
Installation	Recessed, one driver for each luminaire
Typical UGR	<19 (option UGR15)
Linkable cables	Yes 5 pol terminal box for two cables
Material used	Die cast aluminum, PMMA for frontglass
Weight	0.9 - 2.1 Kg
Shipping	Package of 8 - 22 pcs
IES File	Yes
Certificates	CE, ROHS, TM21, LM80, IES
Other	ENEC, only for driver unit
Warranty	5 years*
Housing	White, silver, black or optional
Included	Complete lamp housing, LEDs, driver

CE RoHS Dimmable IP44