Datasheet

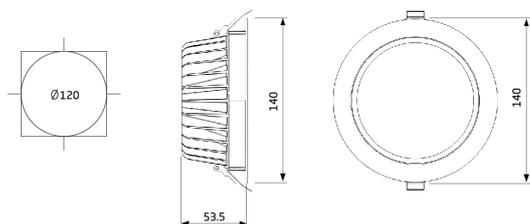**Type:** NS11 (12W or 15W)
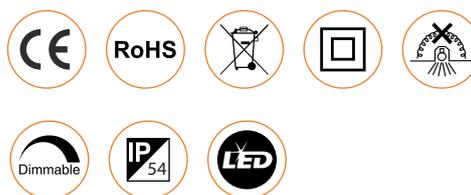**Itemnr.:** 2122300031

Product describtion

NS11 is a build-in lamp, LED downlight, with a simple standard design available in 5 variations. This makes it possible to find the right fit for any given size of hole. NS11 is presented with various lumen packages and can therefore be adjusted to all requirements. The product can be used in corridor spaces, common areas, at lavatories, working spaces and even in areas with possible vandalism such as in prisons. This is due to the product specifications, as it comes with IK10 which can withstand powerful knocks from the front. As the product is waterproof from beneath, it is also suitable in wetland environments. NS11 can be dimmed easily and stably with PUSH, DALI or 1-10V and thermal efficient cooling ensures a long lifetime. Furthermore, the product has a click-system which allows easy installation and an effective LED module from Samsung guarantees a stable product with a five-year guarantee.

Technical Data

Lumen	1008lm (12W) 1260lm (15W) LEDs 1.584lm
Beam Angle	90 (opal or microprismatic frontglass)
Colors Avaliable	Warm white, Neutral white, Cold white
Color Temperature	3000K, 4000K, 5000K (opt. tunable white)
Color Rendering	CRI80+ (option CRI90)
MacAdam	Step 3
Color Bin	V6 or T5
Consumption	12W or 15W (LEDs 14.4W)
Voltage Range	220 ~ 240VAC 50/60Hz external driver
Current LEDs	350mA or 500mA
10A Fuse	Max. 95 luminaires (Start Current limit)
Efficiency	84 LPW (LEDs 110 LPW)
Equal To	NS11 15W = Fluorescent tube TC-TEL 26W
Lifetime TM-21	50K hours at Ta = 25℃ (L80) B10
Lifetime LEDs	78K hours at Ta = 25℃ (L80) B10
Lifetime driver	213K hours at Ta = 25℃ (MTBF) B50
Dimmable	DALI, 0-10V, Triac/Leading edge, Push dim
IP Code	IP20 (Front IP54)
IK Class	IK10
Class	2, Double Insulated
Working temp	-30 to 50 degree Celsius
Size	Ø140 x H53,3 mm
Hole size	Ø120 mm
Installation	Recessed
Material used	Die cast aluminum, PMMA for frontglass
Weight	0,52 Kg
IES File	Yes
Certificates	CE, ROHS, TM21, LM80, IES
Warranty	5 years*
Housing	White or optional

Shipping

The products are to be delivered in package of 24 pcs.