



**NORDLAND
LIGHTING®**



Management System
ISO 9001:2015
www.nlx.com
ID: 818080723



NCPLT

OVERVIEW

The NCP-LT is an LED vandal/tamper proof luminaire designed for use in prisons, police station holding cells, court holding cells, subways and railway stations and hostel living quarters. The body of this specialized fitting is manufactured from 0,8mm gauge steel sheet combined with a 2mm thick clear polycarbonate lens with an internal prism to eliminate glare. The polycarbonate lens is self

extinguishing in the case of a fire. The frame and body are secured via tamper proof round headed screws to prevent unauthorised access. This extremely robust impact resistant luminaire can withstand the physical abuse expected in the working environment. This versatile range of high lumen output luminaires are manufactured in 2ft (18Watt), 4ft (36Watt) and 5ft (48Watt) versions

providing users with a selection of lumen outputs to meet their specific requirements. Constructed to use long life T8 LED tubes as a light source, this luminaire requires low maintenance. A special tool is required to open the luminaire when doing maintenance. This luminaire can be provided with an emergency option and or a night light as required.

APPLICATIONS



INDOOR
AREAS



SPORTS
FACILITIES



ANTI VANDAL

LINEAR • VANDAL PROOF • SECURITY

PERFORMANCE

Model Name	NCPLT (2x9W)	NCPLT (2x18W)	NCPLT (2x24W)
Wattages	18W	35W	48W
Nominal Lumens	2160lm	4320lm	5760lm
System Lumens	1800lm	3600lm	4800lm
System efficacy lm/W	100lm/W	100m/W	100lm/W
Emergency Operation	9W@1hour EM version	18W@1hour EM version	24W@1hour EM version

LED AND OPTICS

Optics	120° standard
Expected lifetime	>30000
L70 rating	>30000 @25C L70 B10
Colour Rendering Index RA	>80
Colour Temperature	4500K

ELECTRICAL AND OPERATING

Driver	AC to DC Converter
Operating temperature	-10°C - +45°C
Input voltage/Frequency	110 - 240VAC ans VDC \pm 10%, 50/60Hz
Input Current	0,082 @18W; 0,164 @36W
Power Factor	>0.9
Surge Protection	Inline Fuse
Other Options	Night light option available

PRODUCT MATERIALS AND INSTALLATION

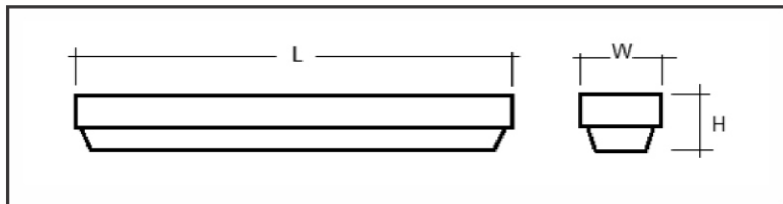
Housing	Folded and welded Sheet metal
Lens	2mm Polycarbonate, self extinguishing
Gasket	Foam gasket cemented into body
Finish	White Epoxy coated
Ingress Protection	IP54 after installation
IK Rating	IK08
Mounting Options	Wall, Ceiling
Spigot size	N/A

CERTIFICATIONS. STANDARDS

NON EX

Complies to SANS 60598-1

Complies to SANS 1464-22 (EM Version)

DIMENSIONS**DIMENSIONS AND PACKAGING**

Model	NCPLT 2ft	NCPLT 4ft	NCPLT 5ft
Wattage	18W	36W	48W
Dimensions mm (LxWxH)	740x215x115mm	1340x215x115mm	1640x215x115mm
Weight Kg (Unit / packaged)	4kg / 4,2kg	5kg / 5,2kg	6kg / 6,2kg

ACCESSORIES

Oval head screws Anti Vandal

PHOTOMETRIC PERFORMANCE:

As photometric data and IES files differ according to the selected optics and wattages, these are available on request

LIGHTING DESIGN SERVICES:

On request we can do lighting design for your application.

WARRANTY:

Lamps - 1 years

Luminaire - 5 years

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