



**NORDLAND
LIGHTING®**



Management System
ISO 9001:2015
www.nlx.com
ID: 818009723



NCPLS

OVERVIEW

The NCP-LS 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(28watt and 36Watt), 4ft (53Watt and 68Watt) and 5ft (64Watt and 90Watt) versions, providing users with a selection of

lumen outputs to meet their specific requirements. Constructed using long life, high lumen LED strips, this luminaire requires low maintenance. Replaceable gear trays futureproof the fitting making it very cost effective. A special tool is required to open the luminaire when doing maintenance. This luminaire can be provided with an emergency option and or a nightlight as required.

APPLICATIONS



INDOOR
AREAS



SPORTS
FACILITIES



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PERFORMANCE

Model Name	NCPLS	NCPLS	NCPLS	NCPLS	NCPLS	NCPLS
Wattages	28W	36W	53W	68W	64W	90W
Nominal Lumens	4603,2lm	5918,4lm	8713,2lm	11179,2lm	10521,6lm	14796lm
System Lumens	3836lm	4932lm	7261lm	9316lm	8768lm	12330lm
System efficacy lm/W	137lm/W	137lm/W	137lm/W	137lm/W	137lm/W	137lm/W
Emergency Operation	6W @1hour 822lm EM version only					

LED AND OPTICS

Optics	120° standard
Expected lifetime	>80000
L70 rating	>80000 @25C L70 B10
Colour Rendering Index RA	>80
Colour Temperature	4000K standard, 3000K, 5000K and 6500K available on special request

ELECTRICAL AND OPERATING

Driver	Constant Current
Operating temperature	-20°C - +40°C
Input voltage/Frequency	220 - 240VAC \pm 10%, 50/60Hz
Input Current	0,134 @28W; 0,173 @36W; 0,254 @53W; 0,326 @68W; 0,307 @64W; 0,432 @90W;
Power Factor	>0.95
Surge Protection	2kV L/N to PE, 1kV L to N

PRODUCT MATERIALS AND INSTALLATION

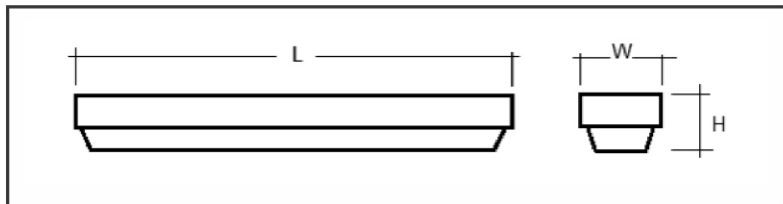
Housing	Folded and welded Sheet metal, Epoxy coated
Lens	2mm Polycarbonate, self extinguishing
Gasket	Foam gasket cemented into body
Finish	White Epoxy coated
Ingress Protection	IP54 after installation
IK Rating	IK08
Mounting Options	Wall, Ceiling

CERTIFICATIONS. STANDARDS

NON EX

Complies to SANS 60598-1

Complies to SANS 1464-22 (EM Version)

DIMENSIONS**DIMENSIONS AND PACKAGING**

Model	NCPLS 2ft	NCPLS 4ft	NCPLS 5ft
Wattage	28W; 36W	53W, 68W	64W, 90W
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:

Warranty - 5years

52 Fransen str, Chamdor
PO Box 2465
Noordheuwel Ext 4
1756
South Africa

T: 010 442 2809
E: sales@nordland.co.za
W: www.nordland-lighting.com



Nordland reserves the right to change any specification or design without prior notice.

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