## **NIRO 20S**



## ROUND ADJUSTABLE LED DOWNLIGHT • S-SERIES

### **DESCRIPTION**

**Trim:** Die-cast Aluminium (white standard) **Body:** Die-cast Aluminium (white standard)

Safety Cover: Clear PC Reflector: Aluminium Weight: 0.50kg Cutout: Ø120mm

## **FEATURES**

- 5-year Electrical System Warranty
- High Colour Consistency (MacAdam 3 SDCM)
- Future-proof: Interchangeable LED Modules (Zhaga) — www.zhagastandard.org
- Passive Cooling
- Dimmable<sup>1</sup>
- CRI >80
- Tiltable 20°
- Also available in 2700K and 5000K











ORDERING CODE <sup>2</sup>	DESCRIPTION	POWER WATTAGE	LUMEN OUTPUT	
			CRI>80	CRI>90
112000-XX-YY-ZZ	NIRO 20S ROUND ADJ. LED DOWNLIGHT 3000K 15°	20	2154	1711
112001-XX-YY-ZZ	NIRO 20S ROUND ADJ. LED DOWNLIGHT 3000K 28°	20	2141	1748
112002-XX-YY-ZZ	NIRO 20S ROUND ADJ. LED DOWNLIGHT 3000K 36°	20	2115	1411
112003-XX-YY-ZZ	NIRO 20S ROUND ADJ. LED DOWNLIGHT 4000K 15°	20	2211	1797
112004-XX-YY-ZZ	NIRO 20S ROUND ADJ. LED DOWNLIGHT 4000K 28°	20	2208	1835
112005-XX-YY-ZZ	NIRO 20S ROUND ADJ. LED DOWNLIGHT 4000K 36°	20	2178	1482

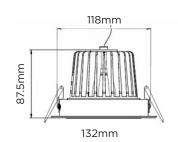
<sup>1</sup> Phase-dimming - please contact your local representative for further information.

XX = CRI (refer to table)

YY = Control Options (ND = Non-Dim, PD = Phase Dim, DA = DALI, DMX = DMX512)

ZZ = LED module (BL = Bridgelux)

Specifications subject to change without notice. Updated 23 Jan 2017.







<sup>2</sup> Ordering codes:

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1.31m

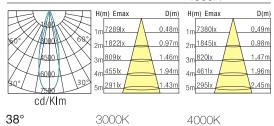
1.97n

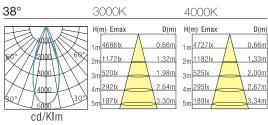
2.63m

3.28m

## **PHOTOMETRICS**

#### **CRI>80** 15° 3000K 4000K H(m) Emax D(m) H(m) Emax D(m) 1m 18354lx 0.26m 2m 4574lx 2m 4588lx 0.52m 0.53m 3m 2039lx 3m 2033lx 0.78m 0.79m 4m 1143lx 4m 1147lx 1.04m 1.06m 5m 734lx 5m 731lx 1.32m cd/Klm 28° 3000K 4000K H(m) Emax D(m) H(m) Emax 1m 7289lx 1m 7380lx 0.48m 0.49m





### 15° 3000K H(m) Emax D(m) 1m 14890lx 0.25m 2m 3723lx 0.51m 3m 1654lx 0.77m 4m 930lx 1.03m 5m 595lx 1.29m cd/Klm 28° 3000K H(m) Emax D(m) 1m 6034lx 0.48m 2m 1509lx 0.96m 3m 670lx 1.45m 4m 377lx 1.93m 5m 241lx 2.42m cd/KIm 38° 3000K H(m) Emax D(m) 1m 3809lx 0.66m 2m 952lx

3m 423lx

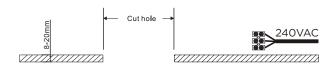
4m 238lx

5m 152lx

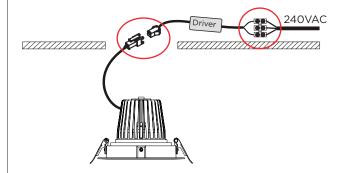
**CRI>90** 

## **INSTALLATION INSTRUCTIONS**

STEP 1: Cut hole to suit - refer cutout size first.



STEP 2: Ensure power is off - never connect live! Connect and terminate accordingly.



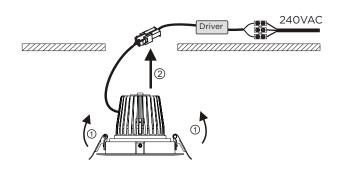
Note: Installation to be carried out by a licensed electrician in accordance with relevant local regulations only. Do not connect live!



STEP 3: Fit and secure luminaire into hole.

1*6*0d

cd/KIm



STEP 4: Installation complete. Let there be LED!

