



IP20




## ZENDRA


Zendra is a professional square directional trimless LED luminaire, with a deep recessed COB LED light source and features high efficiency reflector technology for excellent glare control and uniformity. Zendra offers a choice of three colour temperatures as standard (2700K, 3000K and 4000K) and delivers 90 CRI for excellent colour rendering. With binning-free LEDs carefully selected from two-step MacAdam's ellipses, colour consistency is assured throughout the unonovesette portfolio.

*Zendra è un proiettore quadrato direzionabile professionale a Led da incasso, mediante una posizione molto recessa della sorgente luminosa COB LED. Grazie alla tecnologia a riflettore restituisce un eccellente controllo dell'uniformità e dell'abbagliamento. Zendra offre una scelta fra tre temperature di colore standard (2700K, 3000K e 4000K) tutte con CRI maggiore di 90 per una eccellente resa cromatica. Binning-free e due-step MacAdam's ellipses LED, assicurano consistenza del colore in tutte le versioni previste da unonovesette.*

### TECHNICAL DATA / DATI TECNICI:


 IP20


 Up to 12,9W @ 500mA  
Up to 11,8W (Dim to Warm)

 1154 lm (3000K)  
1045 lm - 28 lm (DTW)

 >90




 2700K / 3000K / 4000K  
Dim to warm (3000K - 1800K)

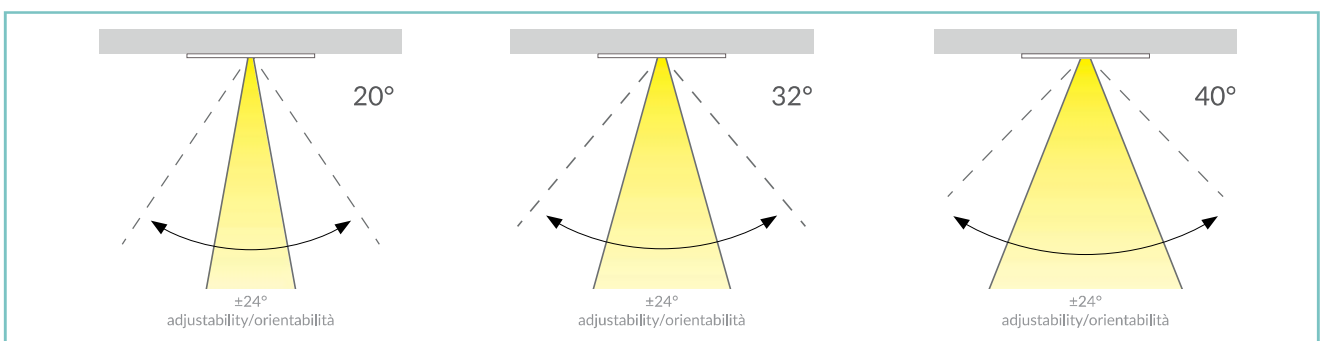
 20° / 32° / 40° / (20° / 40° DTW)

### FINISHES / FINITURE:

 White RAL 9003  
Bianco RAL 9003

 Black RAL 9005  
Nero RAL 9005


### OPTICS / OTTICHE:





# unonovesette

## PRODUCT CODE / CODICE PRODOTTO:

ZEN = ZENDRA		Select one component from each column to specify a complete configuration: <i>Selezionare un componente per ogni colonna per la configurazione completa:</i>		
		LED colour / Colore LED	Optics / Ottiche	Finish / Finiture
		27 = 2700K 30 = 3000K 40 = 4000K DW = Dim to warm	N = 20° (20° DTW) M = 32° W = 40° (40° DTW)	01 = White RAL 9003 / Bianco RAL 9003 02 = Black RAL 9005 / Nero RAL 9005

Standard configuration example/  
*Esempio di configurazione standard:* **ZEN.30.N.01 Zendra 3000K 20° optics white / bianco**

## POWER SUPPLIES 500mA CONSTANT CURRENT / ALIMENTATORE CORRENTE COSTANTE 500mA:

On / Off

Code / Codice	Input	I Out	V Out	Watt	IP	#Zendra
PSU.CX.003	110+240V / 50/60 Hz	500mA	47 V	24	IP20	Max 1
PSU.CX.004	110+240V / 50/60 Hz	500mA	43 V	20	IP20	Max 1

Dimmable / Dimmerabile

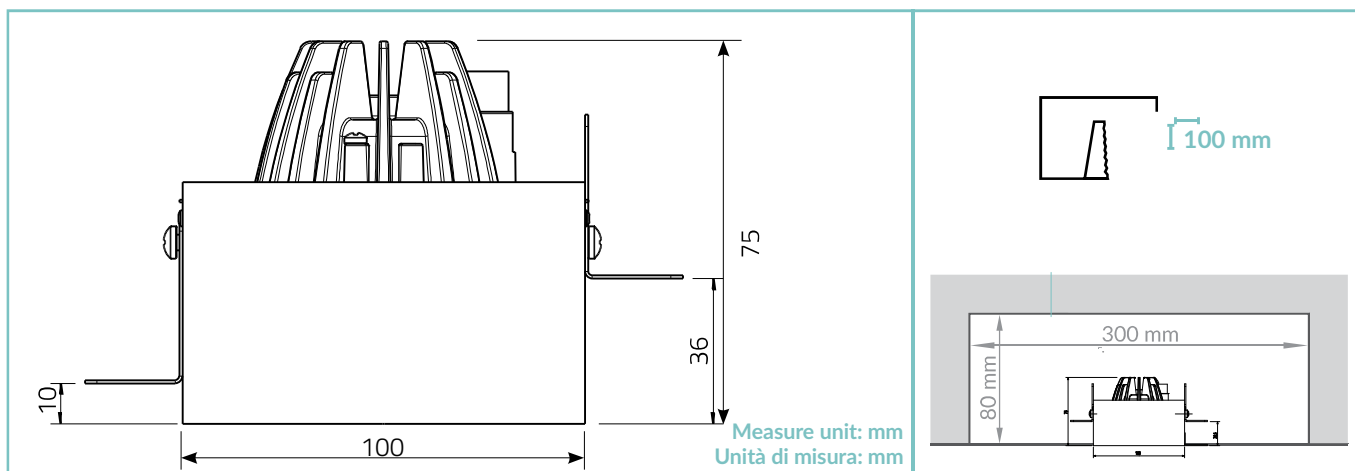
Code / Codice	Input	I Out	V Out	Watt	IP	#Zendra
PSU.CX.001 1-10V/PUSH	100+240V / 50/60 Hz	500mA	47 V	15	IP20	Max 1
PSU.CX.011 DALI	220+240V / 47/53 Hz	500mA	40 V	20	IP20	Max 1
PSU.CC.022 DTW / DALI	220+240V / 47/53 Hz	350mA	40 V	20	IP20	Max 1

## ACCESSORIES / ACCESSORI

	
Honeycomb louver <i>Schermo alveolare</i> ACC.001	Micro prismatic diffuser <i>Filtro diffondente microprismato</i> ACC.002

TECHNICAL DRAWING / DISEGNO TECNICO:

RECESSED HOLE / FORO INCASSO:



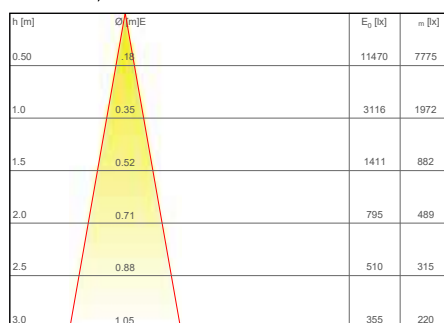
TECHNICAL SHEET / SCHEDA PRODOTTO:

**Body:** Die-cast aluminium  
**Finishes:** White RAL 9003 / Black RAL 9005  
**Installation:** Housing box  
**Power supply cables:** 30 cm PVC + PVC 2x0,5 mm<sup>2</sup>  
**Power supply:** Constant current 500mA Max / (350mA-14mA Dim to warm)  
**Power consumption:** 12,9 Watt Max  
**CRI:** >90  
**Bin selection:** Binning free 2 step MacAdam's  
**Lumenoutput (source):** 1154 lm (3000K) / 1045 lm - 28 lm (DTW)  
**Operating temperature:** -20°C +50°C  
**IP rating:** IP20  
**Insulation class:** Class III  
**Weight:** 610 g  
**Optics:** 20° / 32° / 40° / (20° / 40° DTW)  
**LED colour temperature:** 2700K / 3000K / 4000K / (3000K-1800K DTW)  
**Lifetime LED:** 100000 hrs  
**Photo biological risk:** RG0 / RG1

**Corpo:** Pressofusione di alluminio  
**Finiture:** Bianco RAL 9003 / Nero RAL 9005  
**Fissaggio:** Cassaforma  
**Cavo di alimentazione:** 30 cm PVC + PVC 2x0,5 mm<sup>2</sup>  
**Alimentazione:** Corrente costante 500mA Max (350mA-14mA Dim to warm)  
**Potenza assorbita:** 12,9 Watt Max  
**CRI:** >90  
**Selezione bin:** Binning free 2 step MacAdam's  
**Flusso luminoso (sorgente):** 1154 lm (3000K) / 1045 lm - 28 lm (DTW)  
**Temperatura di funzionamento:** -20°C +50°C  
**Grado di protezione:** IP20  
**Classe d'isolamento:** Classe III  
**Peso:** 610 g  
**Ottiche:** 20° / 32° / 40° / (20° / 40° DTW)  
**Temperatura colore LED:** 2700K / 3000K / 4000K / (3000K-1800K DTW)  
**Vita media LED:** 100000 hrs  
**Rischio fotobiologico:** RG0 / RG1

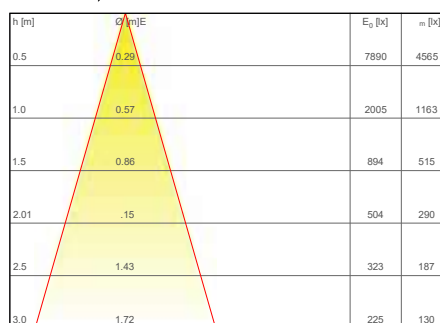
PHOTOMETRICS / CURVE FOTOMETRICHE:

20° - 12,9 Watt



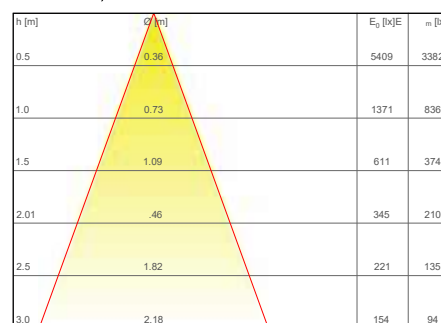
— C0 - C180 (20,0°)

32° - 12,9 Watt



— C0 - C180 (32,0°)

40° - 12,9 Watt



— C0 - C180 (40,0°)