

# MINERVA INOX

Apparecchio stagno a sospensione o plafone adatto per l'illuminazione di grandi aree. Corpo costruito in lamiera d'acciaio inox AISI 304, vetro temperato resistente agli urti e agli shock termici, pressacavo in ottone nichelato, driver elettronico 220-240V 50/60Hz. Prodotto costruito in conformità alle vigenti norme EN/IEC 60598-1:2018.

Waterproof ceiling mounted or suspended fixture. AISI 304 stainless steel body, tempered protection glass, impacts and thermal shocks resistant, nickel-plated brass cable gland, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

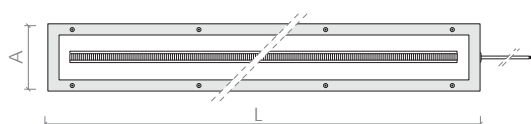
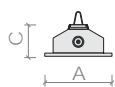
220 V<sub>≈</sub> 240 V | -25°C / +45°C | IP65 | IK08 | RG0 | CRI >80 | 3 step MacAdam | <3% flicker FREE | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)		+	W. tot.	+ Options
2052		VT	3	= 3000°K (CRI >80)	010	050	EL = on/off
		S5	4	= 4000°K (CRI >80)	021	053	LM = 1-10v
		EL	5	= 5000°K (CRI >80)	023	060	LD = dali
		VA	6	= 6500°K (CRI >80)	028	068	D1 = dali + em. 1h
			9	= 4000°K (CRI >90)	029	072	E1 = em. 1h
					037	100	E3 = em. 3h
					046	120	FC = fila continua/continuous row
							VA = vetro acidato / acid-etched glass
							VI = vetro infrangibile / shatterproof glass

## DIMENSIONI / DIMENSIONS

	A	L	C	Kg	mc	
<b>D1</b>	185	660	75	5,5	0,008	120
<b>D2</b>	185	1270	75	6,5	0,012	100
<b>D3</b>	185	1570	75	7,7	0,018	80



### Dotazione

Surge Protection da 10kV incluso.

### Equipment

10kV Surge Protection.

### Δ LUMEN

3000°K (CRI >80) =	<b>-5.15%</b>
4000°K (CRI >80) =	<b>standard</b>
5000°K (CRI >80) =	<b>+1.46%</b>
6500°K (CRI >80) =	<b>0%</b>
4000°K (CRI >90) =	<b>-15.08%</b>



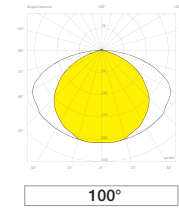
## Mod. VT

### Optica

Riflettore extra diffondente in alluminio verniciato bianco, vetro trasparente temperato.

### Optic

Extra wide beam prepainted white aluminium reflector, clear tempered glass.



### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 800mm. Connettori non inclusi.

### Equipment

Surface or suspension clip mounting system included. 800mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1104	110	1x18W fluo	660
21	4000K - CRI>80	1x64	3188	2614	124	2x18W fluo	660
23	4000K - CRI>80	1x64	3372	2765	120	1x36W fluo	1270
28	4000K - CRI>80	1x80	4438	3639	130	1x58W fluo	1570
29	4000K - CRI>80	2x64	4700	3854	133	2x24W fluo	660
37	4000K - CRI>80	1x128	6109	5009	135	2x36W fluo	1270
46	4000K - CRI>80	1x128	7999	6559	143	2x54W fluo	1270
50	4000K - CRI>80	1x128	8208	6730	135	2x54W fluo	1270
53	4000K - CRI>80	2x128	9065	7433	140	2x54W fluo	1270
60	4000K - CRI>80	1x160	9249	7584	126	2x58W fluo	1570
68	4000K - CRI>80	1x160	11152	9144	134	2x80W fluo	1570
72	4000K - CRI>80	1x160	11856	9721	135	2x80W fluo	1570
100	4000K - CRI>80	2x128	16612	13621	136	4x54W fluo	1270
120	4000K - CRI>80	2x160	20765	17027	142	4x58W fluo	1570



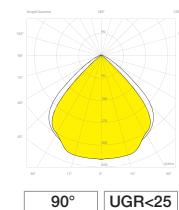
## Mod. S5

### Optica

Optica diffondente 90° in PMMA, vetro trasparente temperato.

### Optic

90° wide beam in PMMA optic, clear tempered glass.



### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 800mm. Connettori non inclusi.

### Equipment

Surface or suspension clip mounting system included. 800mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1064	106	1x18W fluo	660
21	4000K - CRI>80	1x64	3188	2518	120	2x18W fluo	660
23	4000K - CRI>80	1x64	3372	2663	116	1x36W fluo	1270
28	4000K - CRI>80	1x80	4438	3506	125	1x58W fluo	1570
29	4000K - CRI>80	2x64	4700	3713	128	2x24W fluo	660
37	4000K - CRI>80	1x128	6109	4826	130	2x36W fluo	1270
46	4000K - CRI>80	1x128	7999	6319	137	2x54W fluo	1270
50	4000K - CRI>80	1x128	8208	6484	130	2x54W fluo	1270
53	4000K - CRI>80	2x128	9065	7161	135	2x54W fluo	1270
60	4000K - CRI>80	1x160	9249	7306	122	2x58W fluo	1570
68	4000K - CRI>80	1x160	11152	8810	130	2x80W fluo	1570
72	4000K - CRI>80	1x160	11856	9366	130	2x80W fluo	1570
100	4000K - CRI>80	2x128	16612	13123	131	4x54W fluo	1270
120	4000K - CRI>80	2x160	20765	16404	137	4x58W fluo	1570



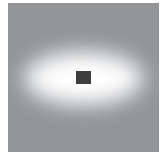
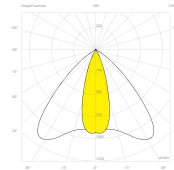
## Mod. EL

### Ottica

Ottica ellittica 90/30° in PMMA, vetro trasparente temperato.

### Optic

Elliptical 90/30° PMMA optic, clear tempered glass.



90/30° UGR<25

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 800mm. Connettori non inclusi.

### Equipment

Surface or suspension clip mounting system included. 800mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1081	108	1x18W fluo	660
21	4000K - CRI>80	1x64	3188	2559	122	2x18W fluo	660
23	4000K - CRI>80	1x64	3372	2707	118	1x36W fluo	1270
28	4000K - CRI>80	1x80	4438	3563	127	1x58W fluo	1570
29	4000K - CRI>80	2x64	4700	3774	130	2x24W fluo	660
37	4000K - CRI>80	1x128	6109	4905	133	2x36W fluo	1270
46	4000K - CRI>80	1x128	7999	6423	140	2x54W fluo	1270
50	4000K - CRI>80	1x128	8208	6591	132	2x54W fluo	1270
53	4000K - CRI>80	2x128	9065	7279	137	2x54W fluo	1270
60	4000K - CRI>80	1x160	9249	7426	124	2x58W fluo	1570
68	4000K - CRI>80	1x160	11152	8955	132	2x80W fluo	1570
72	4000K - CRI>80	1x160	11856	9520	132	2x80W fluo	1570
100	4000K - CRI>80	2x128	16612	13339	133	4x54W fluo	1270
120	4000K - CRI>80	2x160	20765	16674	139	4x58W fluo	1570



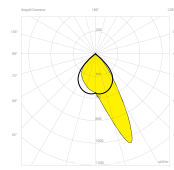
## Mod. VA

### Ottica

Ottica asimmetrica 45° in PMMA, vetro trasparente temperato.

### Optic

Asymmetric 45° PMMA optic, clear tempered glass.



45°

### Dotazione

Sistema di fissaggio a plafone o sospensione a clip incluso. Cavo in neoprene H07RN-F 3x1mm<sup>2</sup> già cablato, lunghezza 800mm. Connettori non inclusi.

### Equipment

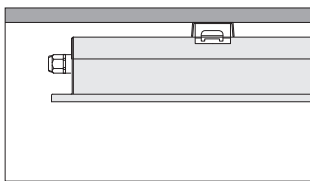
Surface or suspension clip mounting system included. 800mm long H07RN-F 3x1mm<sup>2</sup> neoprene cable included.



W tot.	°K - CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	L (mm)
10	4000K - CRI>80	1x32	1347	1077	108	1x18W fluo	660
21	4000K - CRI>80	1x64	3188	2550	121	2x18W fluo	660
23	4000K - CRI>80	1x64	3372	2697	117	1x36W fluo	1270
28	4000K - CRI>80	1x80	4438	3550	127	1x58W fluo	1570
29	4000K - CRI>80	2x64	4700	3760	130	2x24W fluo	660
37	4000K - CRI>80	1x128	6109	4887	132	2x36W fluo	1270
46	4000K - CRI>80	1x128	7999	6399	139	2x54W fluo	1270
50	4000K - CRI>80	1x128	8208	6566	131	2x54W fluo	1270
53	4000K - CRI>80	2x128	9065	7252	137	2x54W fluo	1270
60	4000K - CRI>80	1x160	9249	7399	123	2x58W fluo	1570
68	4000K - CRI>80	1x160	11152	8921	131	2x80W fluo	1570
72	4000K - CRI>80	1x160	11856	9484	132	2x80W fluo	1570
100	4000K - CRI>80	2x128	16612	13289	133	4x54W fluo	1270
120	4000K - CRI>80	2x160	20765	16612	138	4x58W fluo	1570



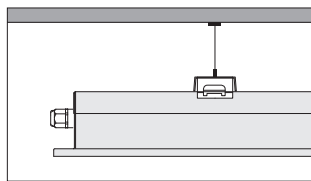
Installazione a plafone  
Surface mounting installation



Apparecchio adatto per installazione a plafone

Surface mounting installation

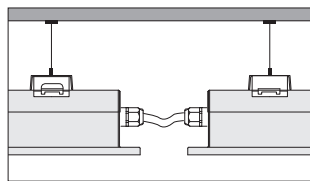
Installazione a sospensione  
Suspended installation



Apparecchio adatto per installazione a sospensione.

Suspended installation.

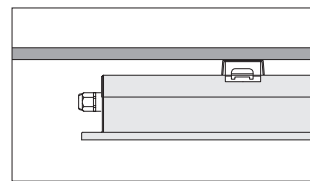
Installazione in fila continua  
Continuous row installation



Apparecchio adatto per installazione in fila continua (Opzione FC)

Continuous row installation (FC option)

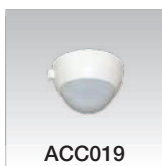
Installazione a blindosbarra  
Busbar installation



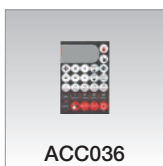
Apparecchio adatto per installazione a blindosbarra.

Busbar installation.

ACCESSORI / ACCESSORIES



ACC019



ACC036



ACC132



ACC133



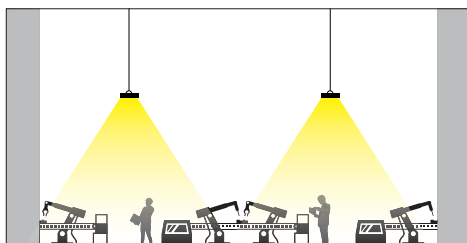
ACC134



ACC135

- ACC019** Sensore per apparecchi industriali DALI  
Sensor for DALI industrial fixtures
- ACC036** Telecomando per sensori industriali (opzionale)  
Remote control for industrial sensors (optional)
- ACC132** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 17m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC133** Multisensore di luminosità e movimento IP65 wireless 868 MHz per apparecchi DALI per altezze fino a 10m. (Regola fino a 32 apparecchi con ACC134).  
Brightness and movement wireless multi sensor 868 MHz for DALI fixture IP65 for heights up to 10m. (Up to 32 fixtures with ACC134).
- ACC134** Nodo IP65 per controllo wireless 868MHz di apparecchi DALI IP65. (da accoppiare con ACC132 o ACC133). Da installare su singolo apparecchio.  
Node for 868MHz wireless control of DALI fixture IP65. (with ACC132 or ACC133). Installed on single fixture.
- ACC135** Gateway portatile per la configurazione dei dispositivi wireless 868 MHz.  
Gateway for wireless sensor configuration 868 MHz.

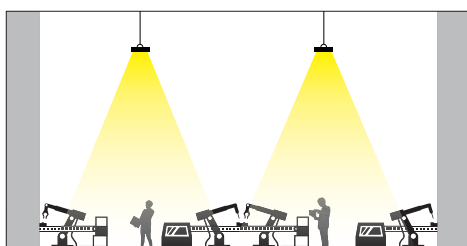
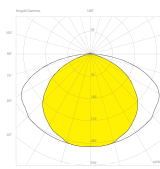
APPLICAZIONI / APPLICATION



Utilizzo dell'ottica extra diffondente per l'illuminazione un'area di lavoro con installazione tra i 5 e i 9 metri.

Wide beam fixture used in a large work area up to 5/9 meter height.

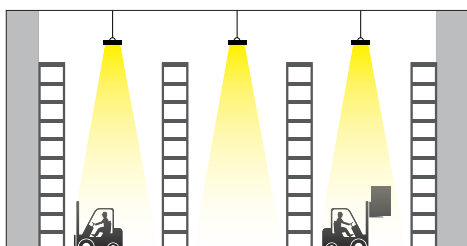
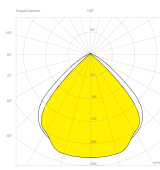
Mod. VT



Utilizzo dell'ottica media per l'illuminazione un'area di lavoro con installazione elevata.

Medium beam fixture used in work areas with high height.

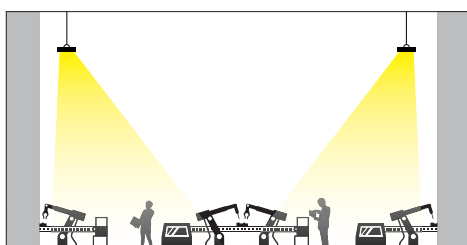
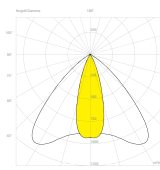
Mod. S5



Utilizzo di un ottica ellittica per l'illuminazione di corsie per garantire un'illuminazione corretta senza dispersione di luce.

Elliptical beam fixture to avoid light dispersion within lanes installation.

Mod. EL



Utilizzo dell'ottica asimmetrica per l'illuminazione un'area di lavoro con file di luci esterne.

Asymmetric fixture used in work areas with external lights' rows.

Mod. VA

