

## WIDE AREAS



# ERGO



Design  
Esse-ci

### DESCRIPTION

ERGO is a high brightness LED fixture designed to replace conventional discharge highbay fixtures in commercial, industrial and sports applications. Users can expect ultra-low energy consumption coupled with fast payback.

Performance optics are available including long, narrow distribution for aisle lighting in retail applications, ultra-wide for large open plan areas and symmetrical distribution for regular high level use. Versions with a protection grille are also offered.

Twin circuit wiring is offered as standard (not 64W) for the possibility of 50% lower energy consumption and resultant decrease in CO<sub>2</sub>. Dimming and emergency options are possible, as well as a wide range of accessories for surface, suspended, wall and even recessed applications.

Two colour options are offered for the extruded aluminium body. ERGO luminaires are supplied with 2 metres of power supply cable.

### SPECIFICATIONS

350mA integrated driver

Colour temperature: 3000K/4000K

CRI > 80; Mac Adams 3

Life Time with L70/B50 for 45.000 h - 5 years complete warranty

Eye safety: risk-free (risk group 0) in accordance with EN62471:2008

Temperature range: -25° / +45°

### FLUX MAINTENANCE

CURRENT	L90/B10	L90/B50	L80/B10	L80/B50	L70/B10	L70/B50*
350mA	22.000h	50.000h	44.000h	50.000h	50.000h	50.000h

\* E.g. L70 = guaranteed luminous flux of the entire luminaire 70%

B50 = 50% of the diodes may have a flux reduction below 70%

### OPTICS

Concentrating polycarbonate lens, diffusing, elliptical or with protective grid.

### BODY

Anodized aluminum body and die-cast end caps.

### LEGAL REFERENCES

Conforms to CEI EN 60 598-1, UNI EN 12464-1.

### CERTIFICATIONS

CE IP65

ErP class: A<sup>+</sup>

IK08; IK10

### COLOURS

Black RAL 9011

White RAL 9003 - Code: B

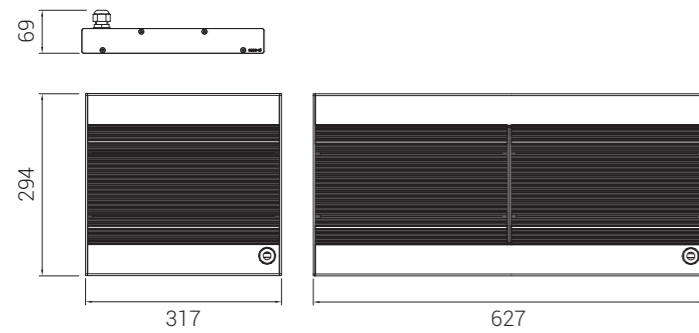
### ON REQUEST

- Colour temperature 5000K
- Wiring DALI dimmable - Code: RDD (verify the version available)
- Wiring with emergency kit - Code: EM for 1 hour / EM3H for 3 hour (verify the version available)

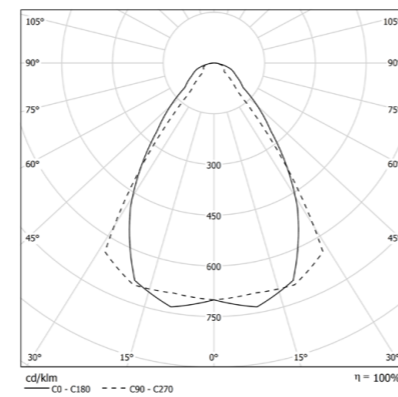
# ERGO PC

## OPTIC

Polycarbonate lens, symmetrical distribution.



IP 65 A+ IK08



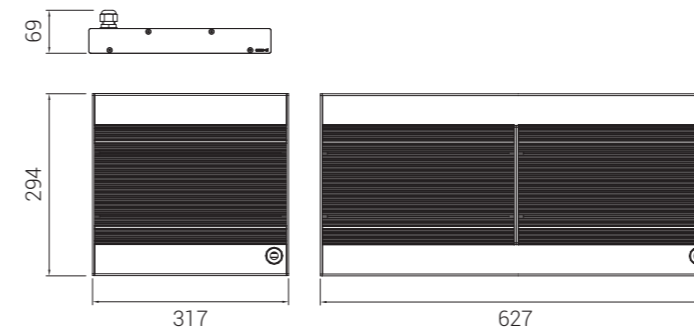
COD	💡	lm	mm
02PC64L465	64W 4000K	7442	317x294x69
02PC125L465	125W 4000K	14405	317x294x69
02PC252L465	252W 4000K	28610	627x294x69

COD	💡	lm	mm
02PC64L365	64W 3000K	6648	317x294x69
02PC125L365	125W 3000K	12238	317x294x69
02PC252L365	252W 3000K	24999	627x294x69

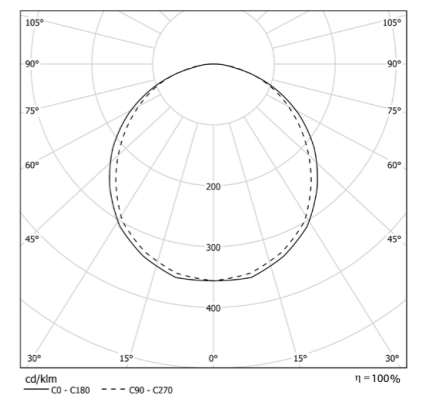
# ERGO DS

## OPTIC

Polycarbonate lens, wide diffused symmetrical distribution.



IP 65 A+ IK08



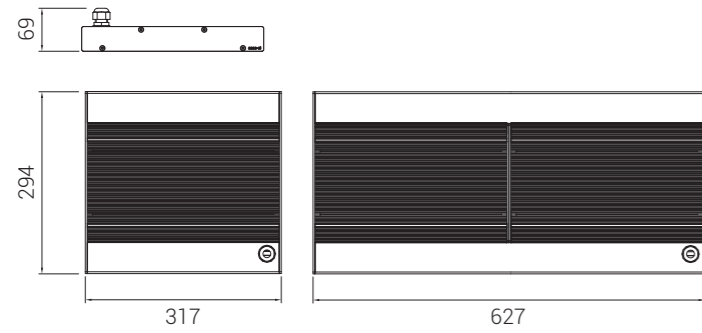
COD	💡	lm	mm
02DS64L465	64W 4000K	6348	317x294x69
02DS125L465	125W 4000K	12804	317x294x69
02DS252L465	252W 4000K	25615	627x294x69

COD	💡	lm	mm
02DS64L365	64W 3000K	5771	317x294x69
02DS125L365	125W 3000K	11188	317x294x69
02DS252L365	252W 3000K	22382	627x294x69

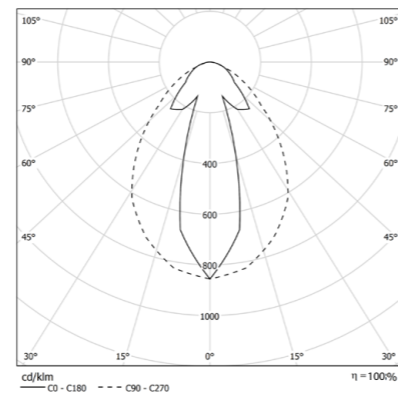
# ERGO EL

## OPTIC

Polycarbonate lens, elliptical distribution.



IP 65 A+ IK08



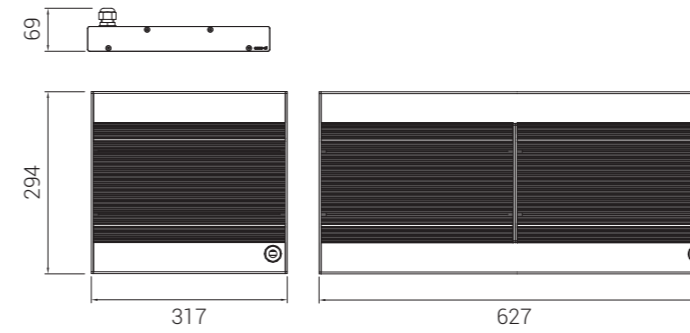
COD	Light Bulb Icon	lm	mm
02EL64L465	64W 4000K	6642	317x294x69
02EL125L465	125W 4000K	12910	317x294x69
02EL252L465	252W 4000K	25684	627x294x69

COD	Light Bulb Icon	lm	mm
02EL64L365	64W 3000K	5977	317x294x69
02EL125L365	125W 3000K	11281	317x294x69
02EL252L365	252W 3000K	22442	627x294x69

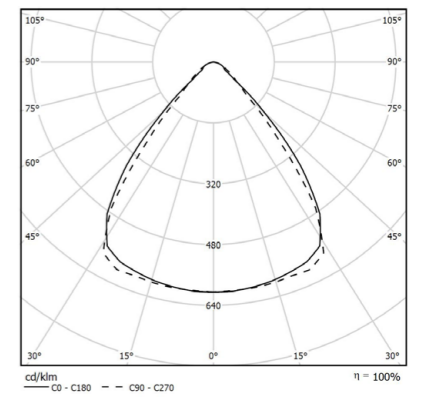
# ERGO VT

## OPTIC

Polycarbonate lens, symmetrical distribution. Additional clear tempered safety glass.



IP 65 A+ IK08



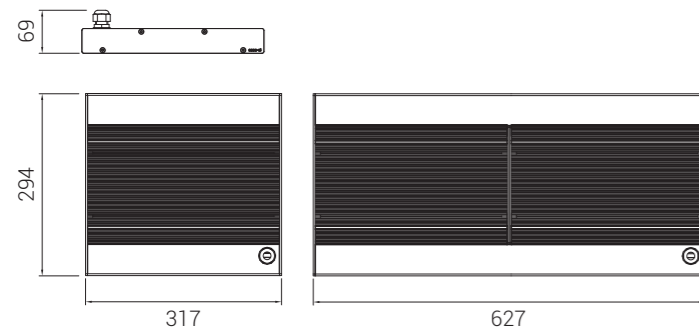
COD	Light Bulb Icon	lm	mm
02VT64L465	64W 4000K	6432	317x294x69
02VT125L465	125W 4000K	12389	317x294x69
02VT252L465	252W 4000K	24778	627x294x69

COD	Light Bulb Icon	lm	mm
02VT64L365	64W 3000K	6228	317x294x69
02VT125L365	125W 3000K	12229	317x294x69
02VT252L365	252W 3000K	24618	627x294x69

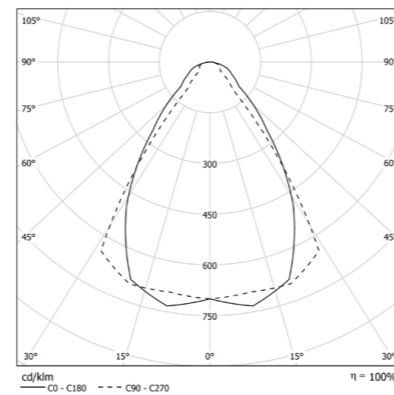
# ERGO GP

## OPTIC

Polycarbonate lens, symmetrical distribution. Additional protection grid.



IP 65 A+ IK10



COD	Light Bulb	lm	mm
02GP64L465	64W 4000K	7442	317x294x69
02GP125L465	125W 4000K	14405	317x294x69
02GP252L465	252W 4000K	28610	627x294x69

COD	Light Bulb	lm	mm
02GP64L365	64W 3000K	6648	317x294x69
02GP125L365	125W 3000K	12238	317x294x69
02GP252L365	252W 3000K	24999	627x294x69

# TECHNICAL NOTE

ERGO Type		PC 125W		EL 125W		DS 125W	
Halving angle	C0 - C180	68°		12°		106°	
	C90 - C270	55°		75°		105°	
Height (mt)	Step (mt)	Emission (lx)	Grid (mt)	Emission (lx)	Step (mt)	Emission (lx)	
8,0	10,0	180	12,0x1,5	330	20,0	75	
7,0	9,0	220	11,0x1,4	400	18,0	90	
6,0	8,0	300	9,5x1,2	520	16,0	120	
5,0	7,0	500	7,5x1,0	910	13,0	200	
4,0	4,0	700	7,0x0,9	1500	8,5	500	

# ACCESSORIES



**02AA13**  
Wire suspension kit with clutch operated adjustment mechanism. Cable length 3000mm.



**02AA1330**  
Wire suspension kit with clutch operated adjustment mechanism. Cable length 3000mm.



**02AA14BS**  
Brackets for busbar.



**02AA15**  
Wall bracket for 64W and 125W.



**02AA17**  
Housing for recessed installation.