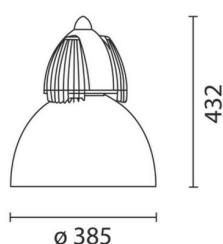


Last information update: September 2020

**Product configuration: 4348+4462.12+L192**

4348: Model with glass reflector complete with superpure aluminium flow director 150 W QT32 250 W QT32

4462.12: Superpure aluminium flow director - Aluminium



**Product code**

4348: Model with glass reflector complete with superpure aluminium flow director 150 W QT32 250 W QT32 **Attention! Code no longer in production**

**Technical description**

Internal lighting fixture designed for use with 150W and 250W QT32 halogen lamp. Control gear box in die-cast aluminium made up of box and covering flange, complete with cooling fins and fixed with no. 2 steel suspension cables for easy maintenance. Aluminium element supporting the lampholder fixed to the flange by means of no. 3 M3 screws. Focusing device for precise adjustment of the light source by means of 3 nickel-plated brass screws with steel spring. Glass reflector fixed to the flange with M5 hexagonal screws on silicone seal. Metal suspension element. PG11 nickel-plated brass cable-clamp located near the suspension element to guarantee IP65 protection.

**Installation**

Fixed to the ceiling by means of a base with fischer screws and steel suspension cable with fast-coupling system. The kit for ceiling installation is supplied as an accessory together with the two versions of power supply cable in colour 04 (spiral code 4449 or straight cable code 4447).

**Colour**

Metallic grey / Nitric (A1)

**Mounting**

ceiling pendant

**Wiring**

230 V mains power supply by means of terminal block contained in the ceiling attachment.

**Notes**

The following accessories are available: safety screen complete with silicone seal for IP 65 (code 4442), safety grill comprising concentric rings (code 4444).

Complies with EN60598-1 and pertinent regulations



**Accessory code**

4462.12: Superpure aluminium flow director - Aluminium **Attention! Code no longer in production**

**Technical description**

Superpure aluminium flow director for Berlino fixtures with medium optical assembly code 4350.

**Installation**

Recessed installation between the light source and the reflector.

**Colour**

Aluminium (12)

**Weight (Kg)**

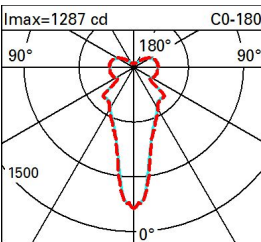
0.1

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	2770.4	CRI:	100
W system:	150	Colour temperature [K]:	2900
Im source:	2870	Ballast losses [W]:	0
W source:	150	Lamp code:	L192
Luminous efficiency (lm/W, real value):	18.5	Socket:	E27
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	909.8	ZVEI Code:	QT 32 ES
Light Output Ratio (L.O.R.) [%]:	97	Number of optical assemblies:	1
Beam angle [°]:	30°		

# Polar

		<b>C0-180</b> <b>CIE</b> nL 0.98 42-65-82-67-98 <b>DIN</b> B.31 <b>UTE</b> 0.65H+0.32T F*1=424 F*1+F*2=646 F*1+F*2+F*3=817 <b>CIBSE</b> LG3 L<200 cd/m² at 65°		<b>Lux</b>				
$\alpha = 30^\circ$			h	d1	d2	Em	Emax	
		1	0.5	0.5	951	1287		
		2	1.1	1.1	238	322		
		3	1.6	1.6	106	143		
		4	2.1	2.1	59	80		

## Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	55	45	38	33	41	35	31	23	35
1.0	60	51	44	38	46	40	36	26	40
1.5	69	60	54	49	54	49	44	33	51
2.0	74	67	61	56	60	55	49	38	58
2.5	77	71	65	61	64	59	53	41	63
3.0	79	74	69	65	66	62	56	44	67
4.0	82	78	74	70	70	66	60	47	72
5.0	84	80	77	73	72	69	62	50	76