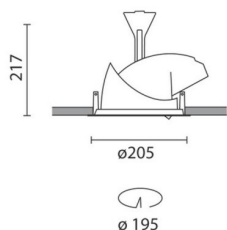


Last information update: May 2024

Product configuration: 4275+1601

4275: Adjustable recessed sodium vapour luminaire 35 W HST 50 W HST 100 W HST Flood

**Product code**4275: Adjustable recessed sodium vapour luminaire 35 W HST 50 W HST 100 W HST Flood **Attention! Code no longer in production****Technical description**

Die-cast aluminium and thermoplastic recessed luminaire. Comprising a die-cast aluminium support rim fixed to the rotating internal casing onto which the optical assembly is hinged. The latter features a dual positioning mechanism: internal to 40° and external to 65°, with a continuous friction device and rotating to 355°. The reflector, fitted inside the optical assembly, is made of super-pure aluminium. A sheet steel rod at the top is fastened to the support rim and houses the power supply terminal board. The luminaire is recessed into false ceilings by means of appropriate steel torsion springs acting on the hinged clips. The springs are suitable for false ceilings measuring at least 0.1 mm in thickness.

Installation

Fastened to false ceilings by means of steel springs, (hole diameter 195 mm).

Colour

White (01) | Grey (15)

Mounting

ceiling recessed

Wiring

Accessory control gear complete with capacitor for 35-50-100W; contained inside the component-holding box (codes 4474-4475-4476), also featuring the F seal.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	4016	CRI:	80
W system:	117	Colour temperature [K]:	2500
Im source:	5000	Voltage [Vin]:	230
W source:	100	Lamp code:	1601
Luminous efficiency (Im/W, real value):	34.3	Socket:	PG12-1
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	HST
Light Output Ratio (L.O.R.) [%]:	80	Number of optical assemblies:	1
Beam angle [°]:	44°		

Polar

Imax=4492 cd		Lux			
90°	180°	90°	h	d	Em Emax
			2	1.6	824 1123
			4	3.2	206 281
			6	4.8	92 125
			8	6.5	52 70
$\alpha = 44^\circ$					

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	64	59	55	52	58	54	54	50	62
1.0	69	64	60	57	63	59	59	55	69
1.5	75	71	68	65	70	67	66	63	78
2.0	78	75	73	71	74	72	71	68	85
2.5	80	78	76	74	77	75	74	71	88
3.0	82	80	78	77	78	77	76	73	91
4.0	83	82	80	79	80	79	78	75	94
5.0	84	83	81	81	81	80	79	76	95

Luminance curve limit

