

Characteristic

Voltage	230V, AC
Frequency	50 Hz
Insulation class	II
Protection degree	IP 65
Material	• base - die cast aluminium alloy • control gear cover— polycarbonate
Colour	black, possibility to paint with other colours
Mounting	upwards only
Assembly	on columns, extension arms, aluminium and steel wall brackets i with spigot ending $\varnothing 60$ mm, 50 mm deep
Control gear	mounted on gear frame, magnetic ballast with thermal protection for luminaires 50W-150W, metal halide lamps MH 70W (EL) optionally available with electronic ballast



Stainless steel louvre reflector



lamp



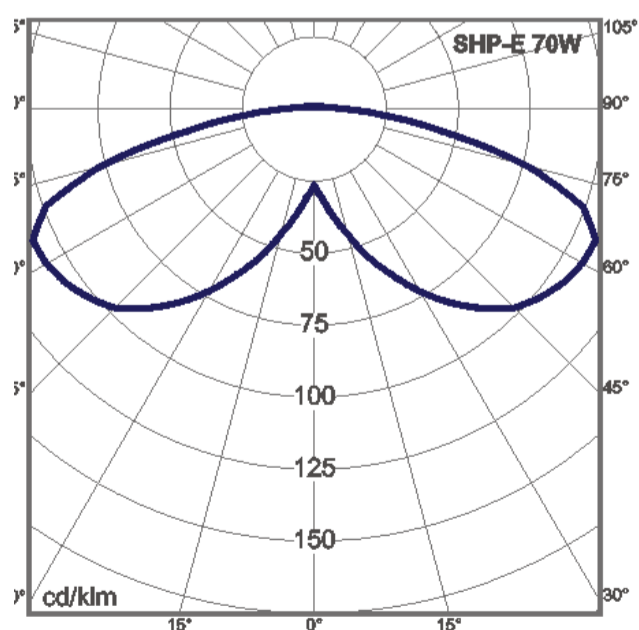
cover (PC)



universal gear frame with electromagnetic or electronic gear



aluminium luminaire base



Distribution curve for luminaire OPA-1 S-70W, lamp diffuser Sphere painted 400



Technical data

Luminaire type		OPA-1 S-50W	OPA-1 S-70W	OPA-1 S-100W	OPA-1 S-150W	OPA-1 MH-70W	
Painted—natural colour	code	211701	211702	211703	211704	211707	
Painted—black		211801	211802	211803	211804	211807	
Painted—other colour		212701	212702	212703	212704	212707	
Power [W]		50	70	100	150	70	
Light source type / holder		sodium E-27		sodium E-40		metal halide E-27	
Net weight [kg]		2,6	2,9	3,1	3,8	2,9	
Unit volume [m ³]		0,01					
Windage [m ²]		0,21					
Diameter of diffuser neck [mm]		Ø150					
Type / diameter of diffuser [mm]		Auris Normal and Maxi, Atlantis 500, Kula 400-500, Kiara 360			Auris Maxi, Atlantis 500, Kula 450-500	Auris Normal and Maxi, Atlantis 500, Kula 400-500, Kiara 360	
Exemplary lamp types		Philips	SON 50W-E	SON 70W-E CDO-ET (-TT) 70W	SON(T) 100W-E CDO-ET (-TT) 100W	SON(T) 150W-E CDO-ET (-TT) 150W	-
		Osram	NAV-E 50W	NAV-E 70W	NAV-E(T) 100W	NAV-E(T) 150W	HQI-E 70W

Luminaire type		OPA-1 MH-100W	OPA-1 MH-150W	OPA-1 R-125W	OPA-1 E/Z	
Painted—natural colour	code	211708	211709	211713	211715	
Painted—black		211808	211809	211813	211815	
Painted—other colour		212708	212709	212713	212715	
Power [W]		100	150	125	23	
Light source type / holder		metal halide E-27		mercury E-27	compact fluorescent lamp E-27	
Net weight [kg]		3,1	3,7	2,6	1,3	
Unit volume [m ³]		0,01				
Windage [m ²]		0,21				
Diameter of diffuser neck [mm]		Ø150				
Type / diameter of diffuser [mm]		Auris Normal and Maxi, Atlantis 500, Sphere 400-500, Kiara 360	Auris Maxi, Atlantis 500, Sphere 450-500	Auris Normal and Maxi, Atlantis 500, Sphere 400-500, Kiara 360		
Exemplary lamp types		Philips	-	-	HPL 125W	23W
		Osram	HQI-E 150W	HQI-E 100W	HQL 125W	23W

- Low Voltage Directive LVD 2006/95/WE, norm PN-EN 60598-1
- Directive EMC 2004/108/WE, norms: PN-EN 55015, PN-EN 61547, PN-EN 61000-3-2, PN-EN 61000-3-3