

Characteristic

Voltage	230V, AC
Frequency	50 Hz
Insulation class	II
Protection degree	IP 65
Material	base - poliamide control gear cover - polycarbonate
Colour	black
Mounting	upwards or downwards
Assembly	on columns, extension arms, aluminium and steel wall brackets, arm systems with spigot ending $\varnothing 60$ mm, 45 mm deep and on plastic poles type S and SP with spigot ending type „B”
Control gear	mounted on gear frame, magnetic ballast with thermal protection for luminaire 50W-150W, metal halide lamps MH 70W (EL) optionally available with electronic ballast



stainless steel louvre reflector upwards



lamp



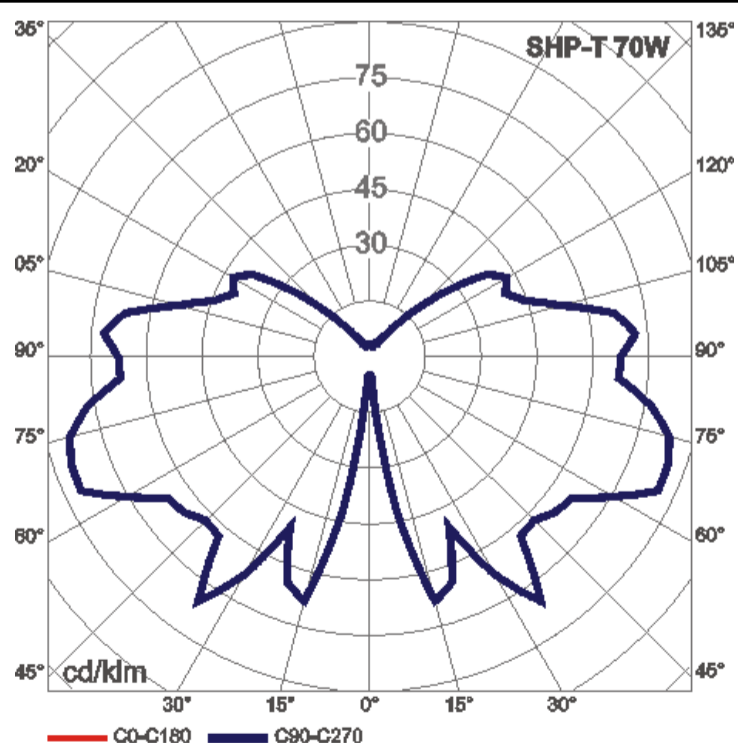
cover (PC)



universal gear frame with electromagnetic or electronic gear



luminaire base (PA)



Distribution curve for luminaire OP S-70W/400, lamp diffuser sphere transparent with stainless steel louvre reflector



Technical data

luminaire OP type		OP S-50W	OP S-70W	OP S-100W	OP S-150W	OP MH-70W
Lamp diffuser diameter 400	code	210101	210102	210103	-	210107
Lamp diffuser diameter 450		-	210202	210203	210204	210207
Power [W]		50	70	100	150	70
Light source type / holder		sodium E-27		sodium E-40		metal halide E-27
Lamp diffuser diameter 400	Net weight [kg]	2,1	2,4	2,6	-	2,4
Lamp diffuser diameter 450		-	2,7	2,9	3,5	2,7
Unit volume [m ³]		0,01				
Windage [m ²] 400/450		0,14/0,17				
Diameter of diffuser neck 400/450 [mm]		Ø180/Ø200				
Lamp diffuser diameter 400	Diffuser type	Atlanta 400, Sphere 400, Klio 400		Kula 400	-	Atlanta 400, Sphere 400, Klio 400
Lamp diffuser diameter 450		Sphere 450				
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 OP type		OP MH-100W	OP MH-150W	OP R-80W	OP R-125W	OP E/Z
Lamp diffuser diameter 400	code	210108	-	210112	210113	210115
Lamp diffuser diameter 450		210208	210209	-	210213	210215
Power [W]		100	150	80	125	23
Light source type / holder		metal halide E-27		mercury E-27		compact fluorescent lamp E-27
Lamp diffuser diameter 400	Net weight [kg]	2,6	-	1,9	2,1	1,0
Lamp diffuser diameter 450		2,8	3,5	-	2,4	1,3
Unit volume [m ³]		0,01				
Windage [m ²] 400/450		0,14/0,17				
Diameter of diffuser neck 400/450 [mm]		Ø180/Ø200				
Lamp diffuser diameter 400	Diffuser type	Sphere 400	-	Sphere 400, Klio 400	Sphere 400	Atlanta 400, Sphere 400, Klio 400
Lamp diffuser diameter 450		Sphere 450				
Exemplary lamp types	Philips	-	-	HPL 80W	HPL 125W	23W
	Osram	HQI-E 100W	HQI-E 150W	HQL 80W	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