

TECHNICAL CHARACTERISTICS

MATERIALS AND FINISHES

Casing:	stamped steel
Painting:	polyester grey RAL 7035
Reflector:	aluminium 99.85 polished and anodized/ high module glow wire test 650°C methacrylate
External nuts and bolts:	galvanized steel
Bowl:	transparent polycarbonate stabilized to U.V. rays/ high module methacrylate
Impact resistance:	PC 20 J / PMMA 5j
Glow wire test:	PC 850°C / PMMA 650°C
Flat shield:	tempered glass
Impact resistance:	5 J
Bowl closing trim:	galvanized and painted steel - grey RAL 7035

WIRING

Supply unit:	internal on a galvanized steel plate
Lampholder:	ceramic
Three-pole power supply terminal:	polyamide for cables of cross-section 2.5 mm ²
Cables:	flexible, silicone insulated and glass fibre braid
Cos φ:	≥ 0.9

ACCESSORIES SUPPLIED

Suspension clip:	galvanized steel
Retaining bands:	polyamide
Packaging:	corrugated cardboard

BEHAVIOUR WITH CHEMICAL AND CORROSIVE AGENTS*

Water	Sea air	Acids	Bases	Ketones	Spirits	Silicone oil	Oils/Greases	Petrol
Resistant	Limited resistance	Limited resistance	Limited resistance	Resistant	Resistant	Resistant	Resistant	Resistant

* Values referring to aluminium coated with thermosetting powders. For behaviour with other chemical agents, see the section "General technical information".

HERCULES RANGE

SUSPENSION REFLECTORS

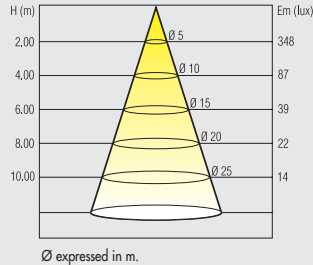
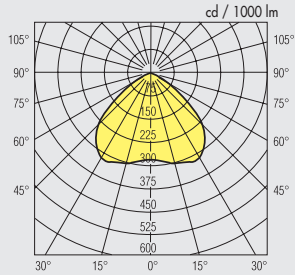


TECHNICAL CHARACTERISTICS

PHOTOMETRIC CURVES

HERCULES 250W QE - DIFFUSED OPTICS

GW 84 881Q

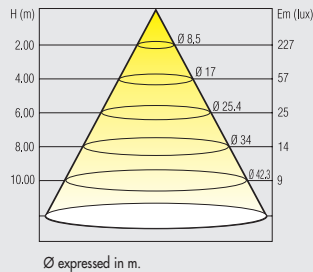
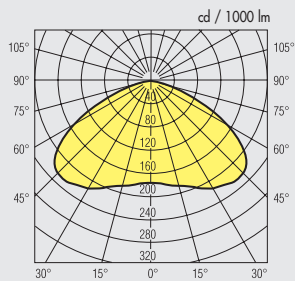


Utilization coefficients

		80	80	70	70	70	70	50	50	50	30	30
Ceiling Reflection		80	80	70	70	70	70	50	50	50	30	30
Wall Reflection		70	70	70	70	50	50	30	30	10	10	10
Floor Reflection		30	10	30	10	30	10	10	10	10	10	10
K Room Index	0.60	.52	.48	.51	.47	.41	.40	.35	.39	.34	.31	.34
	0.80	.61	.55	.59	.54	.50	.47	.43	.47	.42	.39	.42
	1.00	.67	.61	.66	.60	.57	.53	.49	.52	.48	.45	.48
	1.25	.73	.65	.71	.64	.63	.59	.55	.57	.54	.51	.53
	1.50	.77	.68	.75	.67	.68	.62	.59	.61	.58	.55	.57
	2.00	.83	.72	.80	.71	.74	.67	.64	.66	.63	.61	.63
	2.50	.86	.74	.83	.73	.78	.70	.68	.69	.67	.65	.66
	3.00	.88	.76	.85	.75	.81	.72	.70	.71	.69	.67	.68
	4.00	.91	.77	.88	.76	.84	.74	.73	.73	.71	.70	.69
	5.00	.92	.78	.89	.77	.86	.75	.74	.74	.73	.71	.70

HERCULES 400W QE - DIFFUSED OPTICS

GW 84 882Q

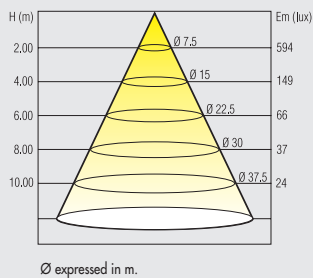
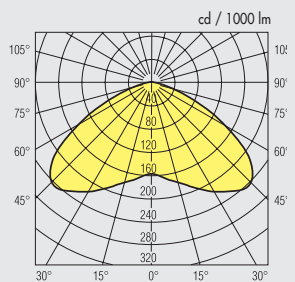


Utilization coefficients

		80	80	70	70	70	70	50	50	50	30	30
Ceiling Reflection		80	80	70	70	70	70	50	50	50	30	30
Wall Reflection		70	70	70	70	50	50	30	30	10	10	10
Floor Reflection		30	10	30	10	30	10	10	10	10	10	10
K Room Index	0.60	.47	.43	.46	.42	.34	.32	.26	.31	.26	.21	.25
	0.80	.57	.52	.55	.50	.44	.41	.35	.40	.34	.30	.34
	1.00	.64	.58	.62	.56	.51	.48	.42	.47	.41	.37	.40
	1.25	.71	.63	.69	.62	.59	.54	.48	.53	.48	.44	.47
	1.50	.76	.67	.73	.66	.64	.59	.54	.57	.53	.49	.52
	2.00	.83	.72	.80	.71	.72	.66	.61	.64	.60	.57	.59
	2.50	.87	.75	.84	.74	.78	.70	.66	.68	.65	.62	.64
	3.00	.90	.78	.87	.76	.81	.73	.69	.71	.68	.65	.67
	4.00	.94	.80	.91	.79	.86	.76	.73	.74	.72	.70	.69
	5.00	.96	.82	.93	.80	.89	.78	.76	.76	.74	.72	.73

HERCULES 400W SE - DIFFUSED OPTICS

GW 84 885S



Utilization coefficients

		80	80	70	70	70	70	50	50	50	30	30
Ceiling Reflection		80	80	70	70	70	70	50	50	50	30	30
Wall Reflection		70	70	70	70	50	50	30	30	10	10	10
Floor Reflection		30	10	30	10	30	10	10	10	10	10	10
K Room Index	0.60	.46	.43	.45	.42	.34	.32	.26	.31	.25	.21	.25
	0.80	.56	.51	.54	.50	.43	.41	.35	.40	.34	.30	.34
	1.00	.64	.57	.62	.56	.51	.48	.42	.46	.41	.37	.40
	1.25	.71	.63	.68	.61	.58	.54	.49	.53	.48	.44	.47
	1.50	.75	.66	.73	.65	.64	.59	.54	.57	.53	.49	.52
	2.00	.82	.72	.79	.70	.72	.65	.61	.64	.60	.57	.59
	2.50	.86	.75	.83	.73	.77	.69	.65	.67	.64	.62	.63
	3.00	.89	.77	.86	.75	.81	.72	.69	.70	.67	.65	.66
	4.00	.93	.79	.89	.78	.85	.75	.72	.73	.71	.69	.70
	5.00	.95	.80	.91	.79	.88	.77	.75	.75	.73	.71	.72

HERCULES RANGE

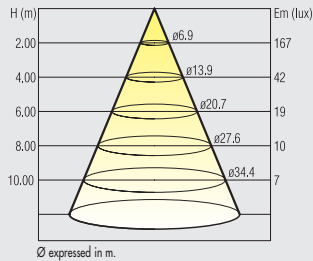
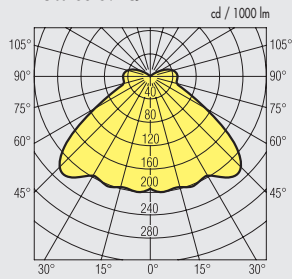
SUSPENSION REFLECTORS



TECHNICAL CHARACTERISTICS

HERCULES 250W QE - TRANSPARENT OPTICS

GW 85 892Q

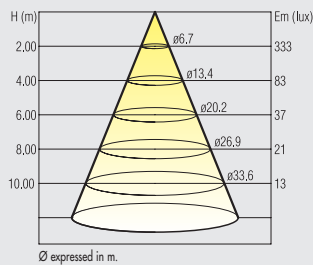
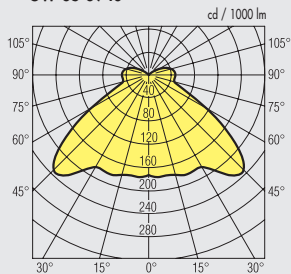


Utilization coefficients

		80	80	70	70	70	70	70	50	50	50	30	30
Ceiling Reflection		80	70	70	70	70	70	70	50	50	50	30	30
Wall Reflection		70	70	70	70	50	50	30	30	30	10	10	10
Floor Reflection		30	10	30	10	30	10	10	10	10	10	10	10
K Room Index	0.60	.52	.48	.50	.46	.37	.36	.29	.34	.27	.23	.26	.22
	0.80	.63	.57	.60	.55	.47	.45	.38	.42	.36	.31	.34	.30
	1.00	.70	.63	.67	.61	.55	.52	.48	.49	.43	.38	.41	.37
	1.25	.78	.69	.74	.66	.63	.58	.52	.55	.49	.45	.47	.43
	1.50	.83	.73	.79	.70	.68	.63	.57	.59	.54	.50	.51	.48
	2.00	.90	.78	.86	.76	.77	.69	.64	.65	.61	.57	.58	.55
	2.50	.95	.82	.90	.79	.82	.73	.69	.69	.65	.62	.62	.60
	3.00	.98	.84	.93	.81	.86	.76	.72	.72	.69	.66	.65	.63
	4.00	1.00	.87	.97	.84	.91	.80	.76	.76	.73	.70	.69	.70
	5.00	1.00	.88	.99	.86	.94	.82	.79	.78	.75	.73	.71	.69

HERCULES 250W SE - TRANSPARENT OPTICS

GW 85 894S

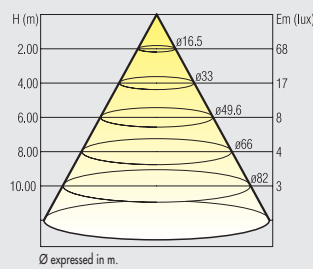
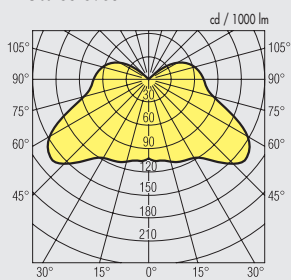


Utilization coefficients

		80	80	70	70	70	70	70	50	50	50	30	30
Ceiling Reflection		80	70	70	70	70	70	70	50	50	50	30	30
Wall Reflection		70	70	70	70	50	50	30	30	30	10	10	10
Floor Reflection		30	10	30	10	30	10	10	10	10	10	10	10
K Room Index	0.60	.50	.46	.48	.45	.35	.34	.27	.32	.26	.21	.25	.20
	0.80	.61	.55	.58	.53	.46	.43	.36	.41	.34	.30	.33	.29
	1.00	.69	.62	.65	.59	.54	.50	.43	.47	.41	.37	.39	.35
	1.25	.76	.67	.72	.65	.61	.57	.50	.53	.48	.43	.46	.42
	1.50	.81	.71	.77	.69	.70	.61	.55	.58	.53	.49	.50	.47
	2.00	.88	.77	.84	.74	.75	.68	.63	.64	.60	.56	.57	.54
	2.50	.93	.80	.88	.77	.80	.72	.67	.68	.64	.61	.61	.58
	3.00	.96	.82	.91	.80	.84	.75	.71	.71	.67	.64	.64	.62
	4.00	1.00	.85	.95	.82	.89	.78	.75	.74	.71	.69	.68	.66
	5.00	1.00	.87	.97	.84	.92	.81	.78	.76	.74	.71	.70	.68

HERCULES 400W SE - TRANSPARENT OPTICS

GW 85 896S



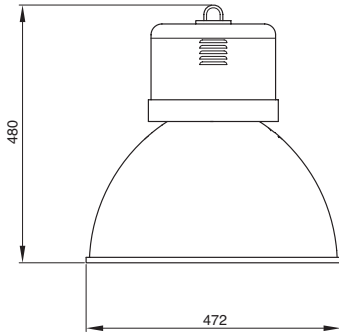
Utilization coefficients

		80	80	70	70	70	70	70	50	50	50	30	30
Ceiling Reflection		80	70	70	70	70	70	70	50	50	50	30	30
Wall Reflection		70	70	70	70	50	50	30	30	30	10	10	10
Floor Reflection		30	10	30	10	30	10	10	10	10	10	10	10
K Room Index	0.60	.47	.43	.44	.41	.31	.29	.22	.27	.20	.15	.18	.14
	0.80	.57	.51	.53	.49	.40	.37	.30	.34	.27	.22	.25	.21
	1.00	.64	.57	.60	.54	.47	.44	.36	.40	.33	.28	.30	.26
	1.25	.71	.63	.67	.60	.54	.50	.43	.46	.39	.34	.36	.32
	1.50	.76	.67	.71	.64	.60	.55	.48	.50	.44	.39	.40	.36
	2.00	.84	.73	.79	.70	.68	.62	.55	.57	.51	.47	.47	.43
	2.50	.89	.77	.83	.73	.74	.67	.61	.61	.56	.52	.52	.48
	3.00	.93	.79	.87	.76	.78	.70	.65	.64	.60	.56	.55	.52
	4.00	.97	.83	.91	.79	.84	.74	.70	.68	.65	.61	.60	.57
	5.00	1.00	.85	.94	.81	.88	.77	.73	.71	.68	.65	.63	.60

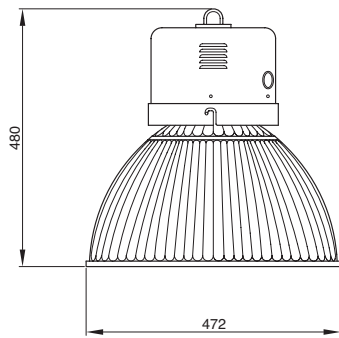
DIMENSION TABLES

HERCULES

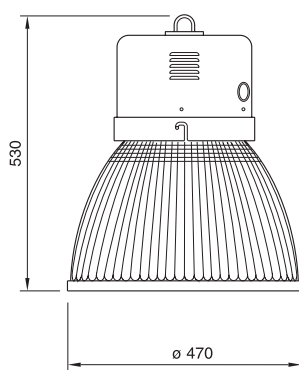
STANDARD DISH



DIFFUSED DISH

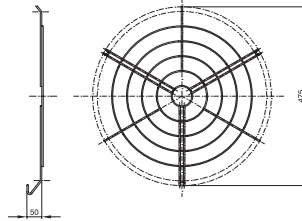


TRANSPARENT DISH

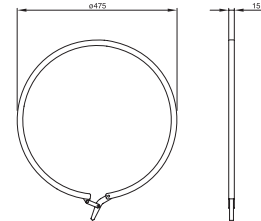


COMPLEMENTARY ITEMS

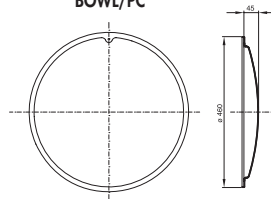
PROTECTIVE WIRE GUARD



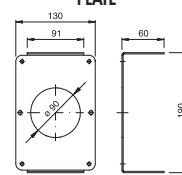
TRIM



BOWL/PC



PLATE



BOWL/PMMA

