

Powerlux

Powerlux is a high performance enclosed luminaire suitable for large commercial and industrial applications.



Specification

- High performance precision formed spun aluminium reflector
- Wide dispersal prismatic refractor attached to the reflector via four easy to use stainless steel spring clips
- Spacing to mounting height ratio of 2:1
- Low brightness lens minimises glare
- White powder coated die cast aluminium gear housing
- Integrated suspension hook
- Recessing kit available upon request
- 1.5metre 7.5 amp flex & 3 pin plug



Quick Spec

Pierlite wide dispersal prismatic reflector, 4 stainless steel spring clips, 250W-400W Metal Halide, white powdercoated die cast gear housing pod.

Design Application

Retail applications, warehouses and general factories.

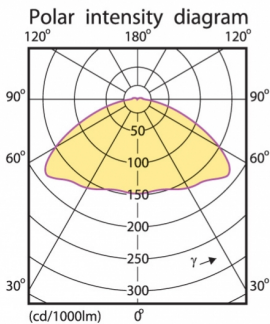
Product Codes

Code	Version	Dim (mm)	Mass (kg)
PLXHL250MH	250W MH c/w control gear	735 x 737	5.3
PLXHL250HPS	250W HPS c/w control gear	735 x 737	6.0
PLXHL400HPS	400W HPS c/w control gear	735 x 737	6.7
PLXHL400MH	400W MH c/w control gear	735 x 737	6.0
PLXHL400MV	400W MV c/w control gear	735 x 737	5.9
PLX400MV	400W MV c/w control gear	735 x 850	10.5
PLX400MH	400W MH c/w control gear	735 x 850	10.6
PLXHL250MV	250W MV c/w Control Gear	735 x 737	5.2
PLX250HPS	250W HPS c/w Control Gear	735 x 850	10.3
PLX250MH	250W MH c/w Control Gear	735 x 850	9.6
PLX400HPS	400W HPS c/w control gear	735 x 850	11.3
PLX250MV	250W MV c/w control gear	735 x 850	9.5

Performance

PLX400MH 1 x MI 400/C/U E40
1 x 36000 lm

Utilisation factor table



Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	n/a	48	53	57	63	67	70	73	76
0.70	0.30	0.20	n/a	42	47	51	58	63	66	70	73
0.70	0.10	0.20	n/a	37	42	47	54	59	62	67	70
0.50	0.50	0.20	n/a	46	51	55	60	64	66	70	72
0.50	0.30	0.20	n/a	41	46	50	56	60	63	67	70
0.50	0.10	0.20	n/a	37	41	46	53	57	60	65	67
0.30	0.50	0.20	n/a	44	49	52	58	61	64	67	69
0.30	0.30	0.20	n/a	40	44	48	54	58	61	64	67
0.30	0.10	0.20	n/a	36	41	45	51	55	58	62	65
0.00	0.00	0.00	n/a	34	38	42	48	52	55	59	61

Light output ratio 0.75
Service upward 0.02
Service downward 0.73

CIE flux code 34 72 94 97 75

SHR NOM (square) 2.00
SHR MAX (square) 2.07
SHR MAX (continuous) 2.47
UGRcen (4Hx8H, 0.25H) 28

Ceiling mounted

