

Greenbay

Low profile, highly efficient environmental alternative to HID lowbay lighting utilising compact fluorescent lamps.



Features

- Available in 2 x 120 watt or 3 x 120 watt Philips Master PL-T Xtra fluorescent lamp modules
- High efficiency, fewer luminaires required
- Long lamp life 9000hrs
- Efficient electronic control gear.
- SRS (Special Reflector System) for enhanced performance
- White powder coated mild steel body
- Suitable for surface mount or suspended

- Wide beam optics
- Supplied with standard flex and plug

Applications

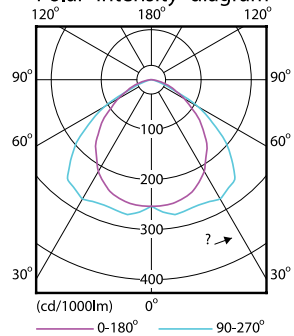
Light industrial, warehouses, commercial, retail, sports hall.



Technical

GB 3120E 3 x PL-H 120W / 840 S
3 x 9000 lm

Polar intensity diagram



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	47	54	60	64	69	72	74	77	79
0.70	0.30	0.20	42	49	55	59	65	68	71	75	77
0.70	0.10	0.20	38	45	51	55	61	65	68	72	75
0.50	0.50	0.20	46	53	58	62	66	69	72	74	76
0.50	0.30	0.20	42	48	54	58	63	66	69	72	74
0.50	0.10	0.20	38	45	50	55	60	64	67	70	72
0.30	0.50	0.20	45	51	56	60	64	67	69	72	73
0.30	0.30	0.20	41	47	53	57	61	65	67	70	72
0.30	0.10	0.20	38	44	50	54	59	62	65	68	70
0.00	0.00	0.00	36	42	48	52	57	60	62	65	67

Ceiling mounted

Light output ratio 0.75
Service upward 0.00
Service downward 0.75

CIE flux code 52 87 99 100 75

SHR NOM (square) 1.50
SHR MAX (square) 1.55
SHR MAX (continuous) 1.68
UGRcen (4Hx8H, 0.25H) 24

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
c/w lamps			
GBS2120ES4	2 x 120W CFL	722 x 386 x 124	5.5
GBS3120ES4	3 x 120W CFL	722 x 386 x 124	6.0



208 Industrial



IP20



Max. Mass

max dim(mm)
722 X 386 X 124



ta 35



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Endurance

A horizontal mounted fluorescent lowbay utilising leading edge new generation lamp technology providing 60,000 hours average life.



Features

- Body is formed from 0.7mm mild steel finished in non-discolouring white polyester powder coat
- Option of corrosion resistant stainless steel
- Precise reflector optics in high performance specular material
- Can either be recessed, surface mounted or suspended
- Low glare for quality illumination with cost effective results
- 60,000 hour average rated lamp life

- Electronic integral ballast, 0.95pf
- Instant flicker free start

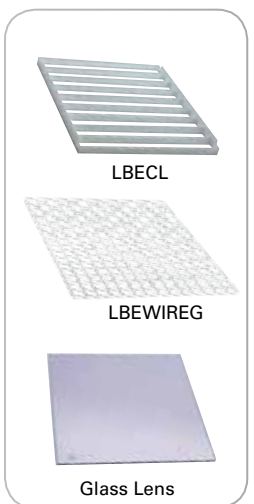
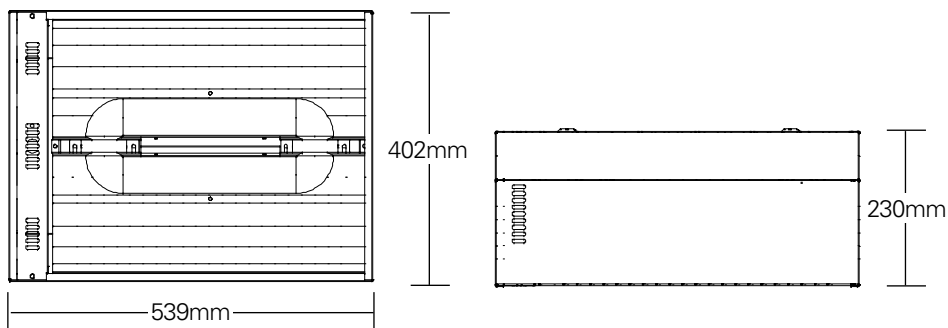
Applications

Factories, train stations, car parks, warehouses, car showrooms, retail stores.



Technical

LBE150

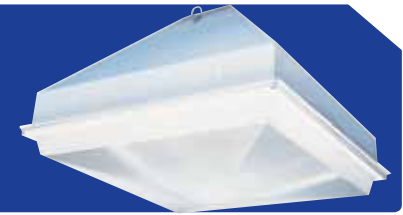


Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Surface/Suspended			
LBE150	1 x 150W Enduro	539 x 402 x 230	4.7
Recessed			
LBE150PR	1 x 150W Enduro	539 x 402 x 230	4.7
Accessories			
LBEWIREG	Wire guard to suit surface or recessed		
LBECL	Cross blade louvre		



Superprismlux

The Superprismlux lowbay is a high performance purpose designed recessed luminaire.

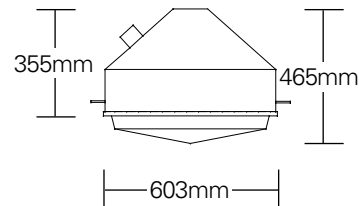


Features

- Refractor sealed to aluminium hinged frame
- Frame sealed to the body with a closed cell extruded foam gasket
- Body finished in non-discolouring white polyester powder coat
- Access to lamp and gear from the rear as well as from the front recessed into ceilings 100mm thick
- Integral gear mounted on a hinged removable gear tray
- Stainless steel external hinges
- HPF gear wired to 0.9pf minimum

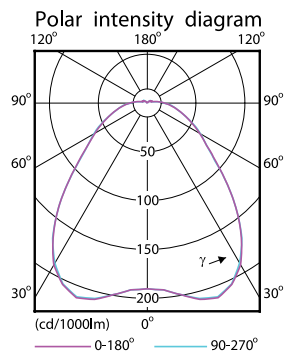
Applications

Factories, warehouses, cool rooms/freezer rooms, food processing and general storage areas.



Technical

SPML400MH 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	36	42	46	49	53	55	57	60	61
0.70	0.30	0.20	31	37	41	44	49	52	54	57	59
0.70	0.10	0.20	28	34	38	41	46	49	51	55	57
0.50	0.50	0.20	35	40	44	46	50	53	54	57	58
0.50	0.30	0.20	31	36	40	43	47	50	52	55	56
0.50	0.10	0.20	28	33	37	40	44	47	50	53	55
0.30	0.50	0.20	34	39	42	45	48	50	52	54	55
0.30	0.30	0.20	30	35	39	42	45	48	50	52	54
0.30	0.10	0.20	27	33	36	39	43	46	48	51	52
0.00	0.00	0.00	26	31	34	37	41	43	45	47	49

Ceiling mounted

Light output ratio 0.61
Service upward 0.03
Service downward 0.58

CIE flux code 54 80 93 95 61

SHR NOM (square) 1.25
SHR MAX (square) 1.50
SHR MAX (continuous) 1.67
UGRcen (4Hx8H, 0.25H) 25

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
SPML400MV	400W MV	603 x 603 x 465	12.3
SPML250MH	250W MH	603 x 603 x 465	11.6
SPML400MH	400W MH	603 x 603 x 465	12.4
SPML250HPS	250W HPS	603 x 603 x 465	14.1
SPML400HPS	400W HPS	603 x 603 x 465	14.7
Accessories			
250W/TH	Standby		

Greenline

High performance T5 highbay luminaire designed as an environmental alternative to HID products.



Features

- SRS high output optics
- T5 technology does not require long run up & restart times as per HID
- White powder coated mild steel body
- Electronic control gear
- Suitable for analogue, DSI and DALI dimming
- Can be fitted with sensors for intelligent lighting
- Accessories include, wire guard, polycarbonate cover
- 1.5m flex and 3 pin plug

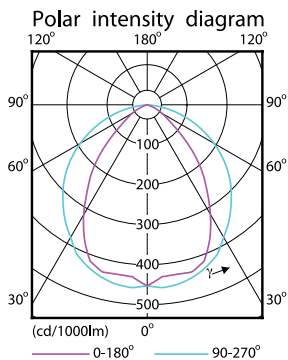
Applications

Light industrial, warehouses, commercial, retail, sports halls, temperature stable environments.



Technical

H5 454 4 x T5 54W / 840 DN4/E
4 x 4450 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	61	70	76	80	86	90	93	96	98
0.70	0.30	0.20	55	64	70	75	82	86	89	93	96
0.70	0.10	0.20	50	60	66	71	78	82	86	90	93
0.50	0.50	0.20	59	68	74	78	83	87	89	92	94
0.50	0.30	0.20	54	63	69	74	80	84	86	90	92
0.50	0.10	0.20	50	59	65	70	76	81	84	88	90
0.30	0.50	0.20	58	67	72	76	81	84	86	89	91
0.30	0.30	0.20	53	62	68	72	78	81	84	87	89
0.30	0.10	0.20	49	58	65	69	75	79	82	85	88
0.00	0.00	0.00	48	56	62	66	72	76	78	81	83

Ceiling mounted

Light output ratio 0.92
Service upward 0.00
Service downward 0.92

CIE flux code 61 90 99 100 92

SHR NOM (square) 1.25
SHR MAX (square) 1.29
SHR MAX (continuous) 1.40
UGRcen (4Hx8H, 0.25H) 24

Product Codes		Dim
Code	Version	(mm)
Direct Wide beam, Suspended, Open		
H5W254DW4	2 x 54WT5 col 840 lamps	1200 x 246 x 132
H5W454DW4	4 x 54W	1200 x 440 x 132
H5W480DW4	4 x 80W	1500 x 440 x 132
Direct Wide beam, Suspended, Clear acrylic panel		
H5W254DW4A	2 x 54WT5 col 840 lamps	1200 x 246 x 132
H5W454DW4A	4 x 54W	1200 x 440 x 132
H5W480DW4A	4 x 80W	1500 x 440 x 132
Direct Wide beam, Suspended, White wire guard		
H5W254DW4V	2 x 54WT5 col 840 lamps	1200 x 246 x 132
H5W454DW4V	4 x 54W	1200 x 440 x 132
H5W480DW4V	4 x 80W	1500 x 440 x 132
Note : Supplied compete with 1.5m 3 pin flex and plug		



Parkwatt

The Parkwatt provides general lighting with minimal glare.



Features

- Weather resistant IP65
- Greatly reduced light intensity in the 60°-90° zone minimises direct glare
- One-piece die cast aluminium body
- Body finished in non-discolouring polyester powder coat
- Low glare precision designed prismatic acrylic lens
- Lens provides wide distribution minimising direct glare suitable for car park applications
- Lens securely screw fixed to body with gasket ensuring IP65 rating
- High performance electronic ballast with 42 watt and 57 watt FL models
- HPF gear wired to 0.9pf minimum
- Wide 2:1 spacing to mounting height ratio

Applications

Parking structures, manufacturing facilities, assembly areas and low level industrial aisle lighting.



Technical

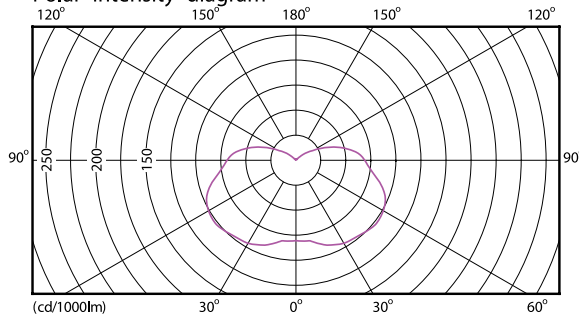
PRK42FL
L.O.R. = 0.74

1 x T/E 42W / 840
1 x 3200 lm

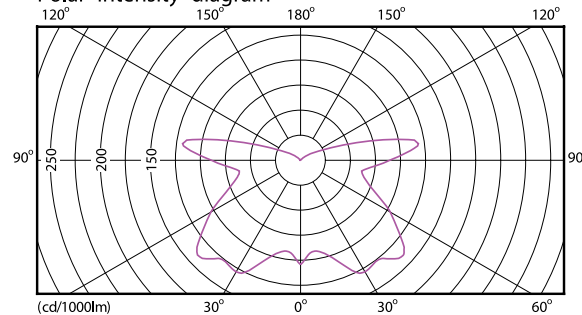
PRK100MH
L.O.R. = 0.86

1 x HIE 100W/U/LU/4K
1 x 9000 lm

Polar intensity diagram



Polar intensity diagram



Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
PRK42FL	42W FL	377 x 234	3.1
PRK57FL	57W FL	377 x 234	3.2
PRK100MH	100W MH	377 x 234	4.3
PRK70HPSI	70W HPSI	377 x 234	4.2
Accessories			
PRKWG	Wire Guard		



212 Industrial

IP65

4.3kg Max. Mass

max dim(mm)
377 X 234 X 139

ta 40



Economy LL

A shallow, horizontal mount HID low bay which creates a wide beam distribution suitable for low mounting heights.



Features

- Body formed from 0.7mm mild steel
- Finished in non-discolouring white polyester powder coat
- Wide light distribution with LOR's over 80%
- Spacing to mounting height ratio of 2:1
- Surface mount or suspended
- Integral control gear accessible from side entry door
- Accessories include wire guard, cross blade louvre, toughened glass lens, polycarbonate drop lens

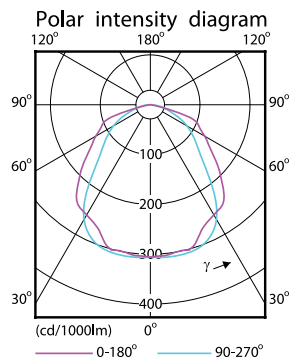
Applications

Factories, stores, garages, awnings, warehouses and mezzanines.



Technical

LL400MH 1 x MI 400/C/U E40
1 x 32000 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	52	59	65	69	74	78	80	84	86
0.70	0.30	0.20	46	53	59	63	70	74	77	81	83
0.70	0.10	0.20	42	49	55	59	66	70	74	78	81
0.50	0.50	0.20	51	57	63	66	72	75	77	81	83
0.50	0.30	0.20	46	52	58	62	68	72	74	78	80
0.50	0.10	0.20	42	48	54	58	65	69	72	76	78
0.30	0.50	0.20	50	56	61	64	69	72	75	78	79
0.30	0.30	0.20	45	51	57	61	66	70	72	76	78
0.30	0.10	0.20	41	48	53	58	63	67	70	74	76
0.00	0.00	0.00	40	46	51	55	61	64	67	70	72

Ceiling mounted

Light output ratio 0.82
Service upward 0.00
Service downward 0.82

CIE flux code 52 83 97 100 82

SHR NOM (square) 1.50
SHR MAX (square) 1.52
SHR MAX (continuous) 1.83
UGRcen (4Hx8H, 0.25H) 31

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
LL400MV	400W MV	562 x 360 x 200	8.6
LL250MH	250W MH	562 x 360 x 200	7.6
LL400MH	400W MH	562 x 360 x 200	8.7
LL250HPS	250W HPS	562 x 360 x 200	7.6
LL400HPS	400W HPS	562 x 360 x 200	8.6
Accessories			
LLWG	Wire Guard		
LLCL	Cross Blade Louvre		
LLAG	Toughened Glass for 250 watt luminaires only		
LLADL	Polycarbonate drop lens for up to 400 watt luminaires, for use in food areas.		



214 Industrial

IP20



max dim(mm)
562 X 360 X 200



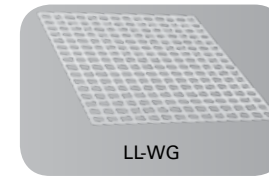
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Economy LL

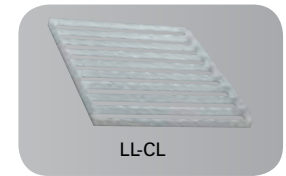
A shallow, horizontal mount HID low bay which creates a wide beam distribution suitable for low mounting heights.



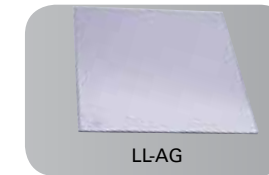
Accessories



LL-WG



LL-CL

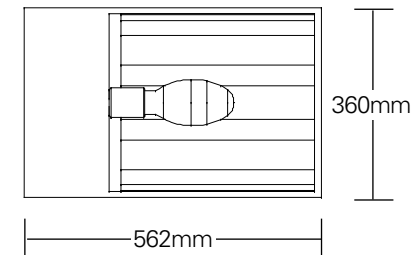


LL-AG



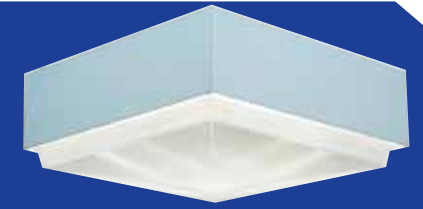
LL-ADL

Dimensions



Stellar®

The Stellar lowbay is an enclosed, low profile luminaire suitable for surface or recessed mounting.



Features

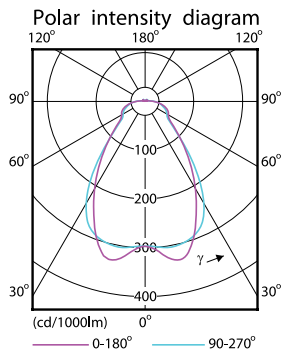
- Highly efficient prismatic lens
- Lens fixed to the body minimising the ingress of dust, moisture and insects
- Suitable for surface mount or recessed mount in plaster ceilings
- Option available for recessed rear access STRRA version. Suitable for 100mm thick ceilings using the rear access mounting bracket
- Integral control gear
- 20mm bushed cable entry in the rear of the body
- Gasketed lens with stainless steel screws and wire lanyard
- Removable gear tray for ease of maintenance
- Also available in stainless steel version for added corrosion resistance

Applications

Food processing areas, packing areas, service station canopies, retail areas, shopping malls and manufacturing areas.

Technical

STS 400MH 1 x MI 400/C/U E40
1 x 32000 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	44	49	53	56	59	62	64	67	68
0.70	0.30	0.20	39	45	48	51	56	59	61	64	66
0.70	0.10	0.20	36	41	45	48	52	56	58	61	64
0.50	0.50	0.20	42	47	51	53	57	59	61	63	65
0.50	0.30	0.20	38	44	47	50	54	56	58	61	63
0.50	0.10	0.20	35	41	44	47	51	54	56	59	61
0.30	0.50	0.20	41	46	49	51	55	57	58	60	62
0.30	0.30	0.20	38	43	46	48	52	54	56	59	60
0.30	0.10	0.20	35	40	43	46	50	52	54	57	59
0.00	0.00	0.00	33	38	41	44	47	49	51	54	55

Ceiling mounted

Light output ratio 0.67
Service upward 0.03
Service downward 0.64

CIE flux code 62 82 93 96 67

SHR NOM (square) 1.25
SHR MAX (square) 1.29
SHR MAX (continuous) 1.43
UGRcen (4Hx8H, 0.25H) 25

Product Codes

Code	Version	Dim(mm)	Mass
Surface mount			
STS400MV	400W MV	590 x 590 x 305	13.4
STS250MH	250W MH	590 x 590 x 305	12.7
STS400MH	400W MH	590 x 590 x 305	13.5
STS250HPS	250W HPS	590 x 590 x 305	15.2
STS400HPS	400W HPS	590 x 590 x 305	15.8
Recessed (cut out 605mm x 605mm)			
STR400MV	400W MV	612.5 x 612.5 x 305	14.4
STR250MH	250W MH	612.5 x 612.5 x 305	13.7
STR400MH	400W MH	612.5 x 612.5 x 305	14.5
STR250HPS	250W HPS	612.5 x 612.5 x 305	16.2
STR400HPS	400W HPS	612.5 x 612.5 x 305	16.8
Recessed Rear Access (cut out 605mm x 605mm)			
STRRA400MV	400W MV	612.5 x 612.5 x 305	14.4
STRRA250MH	250W MH	612.5 x 612.5 x 305	13.7
STRRA400MH	400W MH	612.5 x 612.5 x 305	14.5
STRRA250HPS	250W HPS	612.5 x 612.5 x 305	16.2
STRRA400HPS	400W HPS	612.5 x 612.5 x 305	16.8

Accessories

250W TH Standby



216 Industrial

IP44



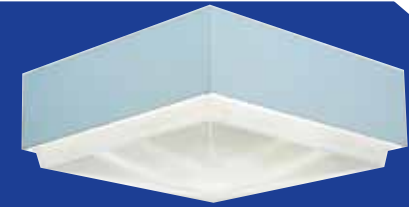
max dim(mm)
612 x 612 x 305



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Stellar®

The Stellar lowbay is an enclosed, low profile luminaire suitable for surface or recessed mounting.



Options

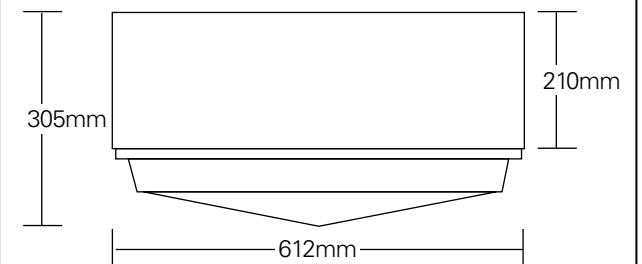


STRR rear access



STRR rear access mounting bracket

Dimensions



Mini Stellar

The Mini Stellar lowbay is an enclosed low profile luminaire with integrated control gear.



Features

- Highly efficient one piece prismatic lens producing controlled light distribution
- Lens fixed to the body minimising the ingress of dust, moisture and insects
- Integral control gear 20mm bushed cable entry in the rear of the body
- Lens gasketed with stainless steel screws and wire lanyard
- Removable gear tray for ease of maintenance
- HPF gear wired to 0.9pf minimum
- Suitable for surface or recessed applications
- Also available in galvanised steel version for added corrosion resistance

Applications

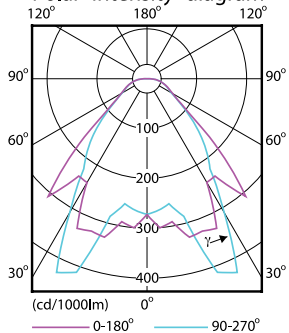
Food processing areas, packing areas, service station canopies, retail areas, shopping malls and manufacturing areas.



Technical

STMS150MH 1 x HIE 150/C/U/LU/4K
1 x 13300 lm

Polar intensity diagram



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	50	58	63	67	72	75	78	81	83
0.70	0.30	0.20	44	52	58	62	67	71	74	78	80
0.70	0.10	0.20	40	48	54	58	64	68	71	75	78
0.50	0.50	0.20	49	56	61	65	69	73	75	78	79
0.50	0.30	0.20	44	51	57	61	66	69	72	75	77
0.50	0.10	0.20	40	48	53	57	63	66	69	73	75
0.30	0.50	0.20	48	55	59	63	67	70	72	75	76
0.30	0.30	0.20	43	51	56	59	64	67	70	73	75
0.30	0.10	0.20	40	47	53	56	61	65	68	71	73
0.00	0.00	0.00	38	46	50	54	59	62	64	68	69

Ceiling mounted

Light output ratio 0.79
Service upward 0.00
Service downward 0.79

CIE flux code 58 86 96 100 79

SHR NOM (square) 1.25
SHR MAX (square) 1.40

UGRcen (4Hx8H, 0.25H) 25

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Surface mount			
STMS70MH	70W MH	353 x 353 x 183	4.3
STMS100MH	100W MH	353 x 353 x 183	4.5
STMS150MH	150W MH	353 x 353 x 183	4.7
STMS70HPS	70W HPS	353 x 353 x 183	4.5
STMS150HPS	150W HPS	353 x 353 x 183	4.7
Recessed (cut out 360mm x 360mm)			
STMR70MH	70W MH	353 x 353 x 183	4.3
STMR100MH	100W MH	353 x 353 x 183	4.5
STMR150MH	150W MH	353 x 353 x 183	4.7
STMR70HPS	70W HPS	353 x 353 x 183	4.5
STMR150HPS	150W HPS	353 x 353 x 183	4.7
Accessories			
150WTH Standby			



218 Industrial

IP44



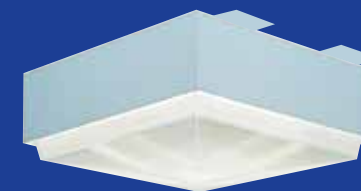
max dim(mm)
353 X 353 X 183



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Stellar Polar

The Stellar Polar lowbay is an enclosed low profile luminaire with integrated control gear designed to withstand cold temperatures.



Features

- Lens fixed to the body minimising the ingress of dust, moisture and insects
- Fully gasketed lens with stainless steel screws and wire lanyard.
- 20mm bushed cable entry in the rear of the body
- Suitable for use in cold rooms
- HPF integral gear with 0.9 PF minimum
- Surface mount only
- Available with diffuser or flat toughened glass
- Minimum temperatures for HPS = -35°, MH = -20°

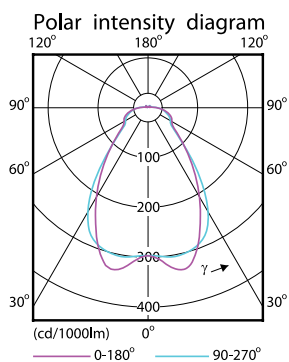
Applications

Cold rooms and refrigerated bulk warehouses.



Technical

STS 400MH 1 x MI 400/C/U E40
1 x 32000 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	44	49	53	56	59	62	64	67	68	
0.70	0.30	0.20	39	45	48	51	56	59	61	64	66	
0.70	0.10	0.20	36	41	45	48	52	56	58	61	64	
0.50	0.50	0.20	42	47	51	53	57	59	61	63	65	
0.50	0.30	0.20	38	44	47	50	54	56	58	61	63	
0.50	0.10	0.20	35	41	44	47	51	54	56	59	61	
0.30	0.50	0.20	41	46	49	51	55	57	58	60	62	
0.30	0.30	0.20	38	43	46	48	52	54	56	59	60	
0.30	0.10	0.20	35	40	43	46	50	52	54	57	59	
0.00	0.00	0.00	33	38	41	44	47	49	51	54	55	

Ceiling mounted

Light output ratio 0.67
Service upward 0.03
Service downward 0.64

CIE flux code 62 82 93 96 67

SHR NOM (square) 1.25
SHR MAX (square) 1.29
SHR MAX (continuous) 1.43
UGRcen (4Hx8H, 0.25H) 25

Product Codes	Dim	Mass	
Code	Version	(mm)	(kg)
c/w control gear & diffuser			
POL250MHW	250W MH	594 x 594 x 233	12.7
POL400MHW	400W MH	594 x 594 x 233	13.5
POL250HSW	250W HPS	594 x 594 x 233	15.2
POL400HSW	400W HPS	594 x 594 x 233	15.8
Accessories			
Note: Supplied with lamp.			
For flat toughened glass substitute "A" for "L"			
eg: POA250MHW			



Hilux Economy

A quality economy highbay providing high levels of lighting performance for a selection of HID lamp options.



Features

- One piece high purity parabolic aluminium reflector, etched and matt anodised
- Reflector designed to provide uniform light distribution with minimal glare
- Self ventilating reflector prevents dust build up within reflector
- Control box finished in non-discolouring white polyester powder coat
- Removable vented cover in gear box allows easy maintenance
- Supplied with mounting hook
- Supplied standard with 1.5m 7.5amp, 3 pin flat earth flex & plug
- HPF gear wired to 0.9pf minimum
- Suitable for mounting heights 5m & above
- Accessories include wire guard

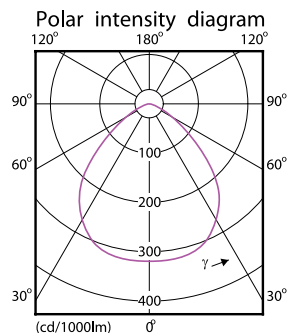
Applications

Factories, warehouses and general storage areas.



Technical

HL400MH 1 x MI 400W/C/U E39
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	45	52	56	59	63	65	67	69	71
0.70	0.30	0.20	41	47	52	55	60	63	65	67	69
0.70	0.10	0.20	38	44	49	52	57	60	62	66	67
0.50	0.50	0.20	44	50	54	57	61	63	65	67	68
0.50	0.30	0.20	40	47	51	54	58	61	63	65	67
0.50	0.10	0.20	37	44	48	52	56	59	61	64	65
0.30	0.50	0.20	43	49	53	56	59	61	63	64	66
0.30	0.30	0.20	40	46	50	53	57	59	61	63	64
0.30	0.10	0.20	37	44	48	51	55	58	59	62	63
0.00	0.00	0.00	36	42	46	49	53	55	57	59	60

Ceiling mounted

Light output ratio 0.66
Service upward 0.00
Service downward 0.66

CIE flux code 65 93 99 100 66

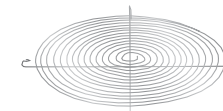
SHR NOM (square) 1.25
SHR MAX (square) 1.37

UGRcen (4Hx8H, 0.25H) 26

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
HL250MV	250W MV	425 x 560	4.2
HL400MV	400W MV	425 x 560	4.9
HL250MH	250W MH	425 x 560	4.3
HL400MH	400W MH	425 x 560	4.9
HL250HPS	250W HPS	425 x 560	5.0
HL400HPS	400W HPS	425 x 560	5.7

Accessories

HL /WG Plated wire guard





Superhilux

The Superhilux is a superior performing HID Highbay.



Features

- Bright anodised reflector producing a wide distribution with excellent performance
- Reflector is available open vented allowing for convection and self cleaning, or fully enclosed with toughened glass lens
- Optional charcoal filter for enclosed reflector allowing optic to breath while preventing ingress of dust and moisture
- Remote versions available using RL remote adaptor
- Control box finished in non-discolouring white polyester powder coat
- Accessories include wire guard and acrylic bubble

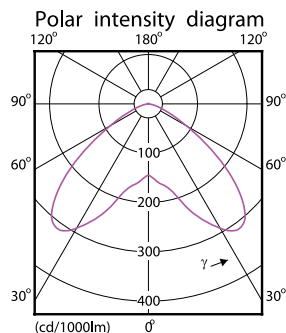
- Supplied with 1.5m 3 pin flex and plug
- Suitable for mounting heights of 5m and above

Applications

Storage areas, machine shops, packing areas, under canopies, factories, warehouses and food areas with the ECLAB.

Technical

SHL400MH 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	44	54	60	65	71	75	78	81	83
0.70	0.30	0.20	38	48	55	60	67	71	74	78	81
0.70	0.10	0.20	33	43	50	55	63	68	71	76	79
0.50	0.50	0.20	43	52	58	63	69	72	75	78	80
0.50	0.30	0.20	37	47	53	58	65	69	72	76	78
0.50	0.10	0.20	33	43	50	55	61	66	69	73	76
0.30	0.50	0.20	41	51	57	61	66	70	72	75	77
0.30	0.30	0.20	36	46	52	57	63	67	69	73	75
0.30	0.10	0.20	33	42	49	54	60	64	67	71	74
0.00	0.00	0.00	31	40	47	51	57	61	64	67	70

Ceiling mounted

Light output ratio	0.80
Service upward	0.01
Service downward	0.79
CIE flux code	52 90 99 99 80
SHR NOM (square)	1.00
SHR MAX (square)	1.20
UGRcen (4Hx8H, 0.25H)	28

Product Codes	Dim	Mass
Code	Version	(mm) (kg)
Open Reflector		
SHL250MV	250W MV	470 x 580 4.2
SHL400MV	400W MV	470 x 580 4.9
SHL250MH	250W MH	470 x 580 4.3
SHL400MH	400W MH	470 x 580 4.9
SHL250HPS	250W HPS	470 x 580 5.0
SHL400HPS	400W HPS	470 x 580 5.7
Enclosed reflector		
SEHL250MV	250W MV	470 x 580 6.5
SEHL400MV	400W MV	470 x 580 7.2
SEHL250MH	250W MH	470 x 580 6.9
SEHL400MH	400W MH	470 x 580 7.2
SEHL250HPS	250W HPS	470 x 580 7.3
SEHL400HPS	400W HPS	470 x 580 8.0
Accessories		
ECLWG	Plated wire guard suits SHL	
ECLAB	Acrylic Bubble Kit suits SHL with SEHL reflector	



222 Industrial

IP20



max dim(mm)
470 X 580



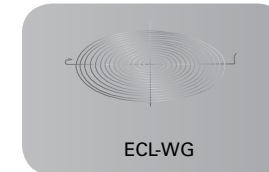
PIERLITE
professional lighting solutions

Superhilux

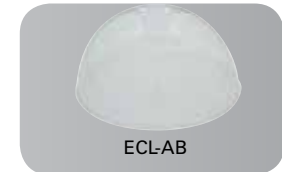
The Superhilux is a superior performing HID Highbay.



Options



ECL-WG



ECL-AB

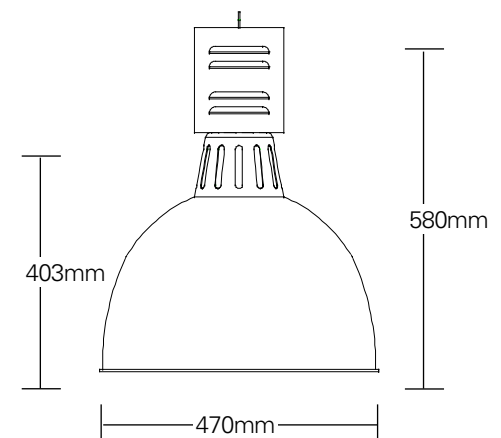


Charcoal Filter



SEHL Enclosed Reflector

Dimensions



Superbay

The Superbay series is designed for medium mounting heights in areas demanding excellent vertical and horizontal illumination.



Features

- Die cast aluminium gear housing finished in white polyester powder coat
- High quality acrylic refractor providing excellent vertical and horizontal illumination.
- Ideal for mounting heights from 5 to 8m
- Optional remote adaptors for low profile situations RL4
- Complete with hook, 1.5m 7.5amp, 3 pin flat earth, flex and plug
- HPF gear wired to 0.9pf minimum
- Accessories include prismatic drop lens, conical lens, flat clear lens, wire guard

Applications

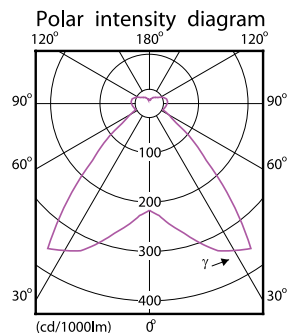
General industrial sites, workshops, packing areas, warehouses and shopping centres.

Safety lanyard and hook



Technical

SUP400MH 1 x MH 400W Coated Elliptical
1 x 35000 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	51	60	66	70	76	80	83	87	89
0.70	0.30	0.20	44	53	59	64	71	75	79	83	86
0.70	0.10	0.20	39	48	55	59	66	71	75	80	83
0.50	0.50	0.20	48	56	62	66	71	75	77	80	82
0.50	0.30	0.20	42	51	56	61	67	71	73	77	80
0.50	0.10	0.20	38	46	52	57	63	67	70	75	77
0.30	0.50	0.20	45	53	58	61	66	69	72	74	76
0.30	0.30	0.20	40	48	53	57	63	66	69	72	74
0.30	0.10	0.20	37	44	50	54	60	63	66	70	72
0.00	0.00	0.00	33	40	45	49	54	57	59	63	65

Ceiling mounted

Light output ratio 0.92
Service upward 0.16
Service downward 0.76

CIE flux code 63 86 93 83 92

SHR NOM (square) 0.75
SHR MAX (square) 0.91
SHR MAX (continuous) 1.64
UGRcen (4Hx8H, 0.25H) 22

Product Codes	Dim	Mass
Code	Version	(mm) (kg)
Superbay		
SUP400MV	400W MV	570 x 720 8.2
SUP250MH	250W MH	415 x 670 6.1
SUP400MH	400W MH	570 x 720 8.3
SUP250HPS	250W HPS	415 x 670 8.2
SUP400HPS	400W HPS	570 x 720 9.5
Accessories		
SUP/PL/S	Prismatic drop lens for 250W	
SUP/CL/L	Prismatic conical lens for 400W	
SUP/PL/FS	Flat clear acrylic lens for 250W	
SUP/PL/FL	Flat clear acrylic lens for 400W	
SUP16WG	Wire Guard for 250W	
SUP22WG	Wire Guard for 400W	

Superbay

The Superbay series is designed for medium mounting heights in areas demanding excellent vertical and horizontal illumination.



Options



Wire Guard



Conical Lens

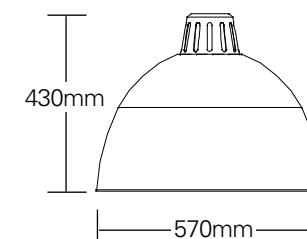
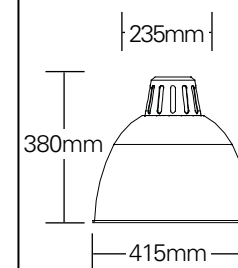


Drop Lens



Flat Lens

Dimensions



Saturn

The Saturn is a high performance self-ventilated or enclosed highbay luminaire designed to perform in the harshest environments.



Features

- Heavy duty die cast aluminium gear housing
- Gear housing finished in non-discolouring white polyester powder coat
- Suitable for temperatures up to 55°C ambient (Utilising high temp gear, made to order)
- Choice of enclosed or open reflector
- The enclosed reflector features a toughened glass lens fixed to the reflector by a clamp band
- Open reflector allows for natural convection providing a self cleaning system
- HPF gear wired to 0.9pf minimum

- 1.5m 7.5 amp, 3 pin flat earth flex and plug
- Suitable for mounting heights of 5m and above

Applications

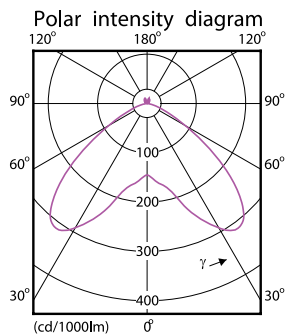
Warehouses, stores, factories, adverse environments and industrial sites.

Safety lanyard and hook



Technical

ECLSV400MH 1 x MH 400W USA
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	45	55	61	66	72	76	79	83	85
0.70	0.30	0.20	38	49	55	61	67	72	75	79	82
0.70	0.10	0.20	34	44	51	56	63	68	72	77	80
0.50	0.50	0.20	43	53	59	63	69	73	76	79	81
0.50	0.30	0.20	37	47	54	59	65	70	72	76	79
0.50	0.10	0.20	33	43	50	55	62	66	70	74	77
0.30	0.50	0.20	42	51	57	61	67	70	72	76	77
0.30	0.30	0.20	37	46	53	57	63	67	70	73	76
0.30	0.10	0.20	33	43	49	54	60	65	68	72	74
0.00	0.00	0.00	31	40	47	51	57	61	64	67	70

Ceiling mounted

Light output ratio 0.82
Service upward 0.02
Service downward 0.80

CIE flux code 52 90 99 97 82

SHR NOM (square) 1.00
SHR MAX (square) 1.20

UGRcen (4Hx8H, 0.25H) 28

Product Codes	Dim	Mass
Code	Version	(mm) (kg)
Reactor ignition gear c/w enclosed reflector & lamp		
SN250MVRIG	250W MV	479 x 670 11.4
SN400MVRIG	400W MV	479 x 670 11.4
SN250MHRIG	250W MH	479 x 670 11.4
SN400MHRIG	400W MH	479 x 670 11.4
SN250HSRIG	250W HP	479 x 670 11.4
SN400HSRIG	400W HP	479 x 670 11.4
As above plus Constant wattage gear		
SN250MHCWEG	250W MH	479 x 670 11.4
SN400MHCWEG	400W MH	479 x 670 11.4
Note: Enclosed reflector supplied standard, replace 'EG' with 'O' for open reflector. Wire guard (ECL/WG) suitable for open reflectors only.		
Accessories		
ECL / WG	Wire Guard	
ECL / AB	Acrylic Bubble	
	Charcoal filter	
	250WTH standby	



226 Industrial

IP65



Max. Mass

max dim(mm)

479 X 670



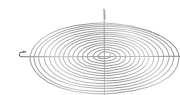
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Saturn

The Saturn is a high performance self-ventilated or enclosed highbay luminaire designed to perform in the harshest environments.



Options



ECL-WG



ECL-AB



Charcoal Filter



RL4 Adapter

Secure clip system



Powerlux

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



Secure visor retention system

Features

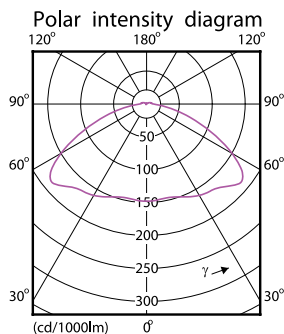
- High performance precision formed spun aluminium reflector
- LOR's over 75%
- Wide dispersal prismatic refractor attached to the reflector via four easy to use stainless steel spring clips
- Spacing to mounting height ratio of 2:1
- Low brightness lens minimises glare
- White powder coated die cast aluminium gear housing
- Integrated suspension hook
- Recessing kit available for recessing into ceilings.
- 1.5m 7.5amp flex & 3 pin plug

Applications

Retail applications, warehouses and general factories.

Technical

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

Ceiling mounted

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

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



228 Industrial

IP20



Max. Mass

max dim(mm)
1250 x 749 x 100



ta 40

Mercury

Heavy duty IP65 HID highbay for arduous conditions.



Features

- Heavy duty die cast aluminium gear housing IP65
- Gear housing finished in non-discolouring white polyester powder coat
- The enclosed reflector features a toughened glass lens affixed to the reflector by 4 stainless steel heavy duty clips.IP65
- Charcoal filter
- HPF gear wired to 0.9pf minimum
- 1.5m 7.5amp, 3 pin flat earth flex & plug

- Suitable for mounting heights of 5m & above
- Complete with hook

Applications

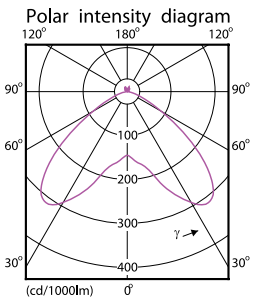
Factories, warehouses and areas requiring IP65 rating.



Reflector breather

Technical

SN400MH 1 x MH 400W USA 1 x 36000 lm

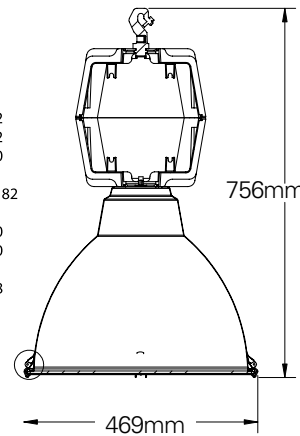


Utilisation factor table

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	45	55	61	66	72	76	79	83	85
0.70	0.30	0.20	38	49	55	61	67	72	75	79	82
0.70	0.10	0.20	34	44	51	56	63	68	72	77	80
0.50	0.50	0.20	43	53	59	63	69	73	76	79	81
0.50	0.30	0.20	37	47	54	59	65	70	72	76	79
0.50	0.10	0.20	33	43	50	55	62	66	70	74	77
0.30	0.50	0.20	42	51	57	61	67	70	72	76	77
0.30	0.30	0.20	37	46	53	57	63	67	70	73	76
0.30	0.10	0.20	33	43	49	54	60	65	68	72	74
0.00	0.00	0.00	31	40	47	51	57	61	64	67	70

Ceiling mounted

Light output ratio 0.82
 Service upward 0.02
 Service downward 0.80
 CIE flux code 52 90 99 97 82
 SHR NOM (square) 1.00
 SHR MAX (square) 1.20
 UGRcen (4Hx8H, 0.25H) 28



Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
RI Control gear c/w lamp			
MRC250MHRI	1 x 250W MH	479 x 756	11.4
MRC250HSRI	1 x 250W HPS	479 x 756	11.4
MRC400MHRI	1 x 400W MH	479 x 756	11.4
MRC400HSRI	1 x 400W HPS	479 x 756	11.4



Venus

Heavy duty, high power 1 KW HID highbay designed for elevated mounting applications.



Features

- Heavy duty die cast aluminium control gear housing
- Gear housing finished in a durable white powder coat
- Enclosed reflector for added protection
- Supplied with constant wattage control gear
- Suitable for 1kw metal halide lamp sources for excellent colour rendering
- Supplied with 1.5m, 75 amp, 3 pin, flat earth flex and plug

- Complete with suspension hook
- Supplied lamp

Applications

Factories, warehouses, assembly plants, stores and workshops.

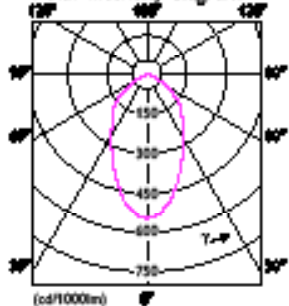


Secure hook system

Technical

Venus 1000HPS Clear

Polar intensity diagram



Utilisation factor table

Room Index	Reflectances (%) for ceiling, walls and working planes (CRI)															
	080 080		30 30		075 075		070 070		065 065		060 060		055 055		050 050	
	080	080	030	030	030	030	030	030	030	030	030	030	030	030	030	030
0.80	0.44	0.42	0.43	0.40	0.41	0.37	0.38	0.39	0.34	0.33	0.32	0.31	0.30	0.29	0.28	0.27
0.80	0.32	0.49	0.31	0.30	0.48	0.44	0.43	0.42	0.43	0.40	0.39	0.38	0.37	0.36	0.35	0.34
1.00	0.38	0.34	0.37	0.34	0.34	0.30	0.49	0.46	0.48	0.46	0.44	0.43	0.42	0.41	0.40	0.39
1.33	0.46	0.39	0.43	0.41	0.39	0.35	0.54	0.51	0.53	0.51	0.50	0.49	0.48	0.47	0.46	0.45
1.50	0.49	0.43	0.48	0.45	0.43	0.38	0.58	0.55	0.57	0.55	0.54	0.53	0.52	0.51	0.50	0.49
1.60	0.51	0.47	0.51	0.50	0.47	0.44	0.61	0.57	0.60	0.58	0.57	0.56	0.55	0.54	0.53	0.52
1.80	0.60	0.53	0.58	0.55	0.53	0.47	0.66	0.63	0.65	0.64	0.63	0.62	0.61	0.60	0.59	0.58
2.00	0.69	0.61	0.66	0.63	0.61	0.54	0.75	0.71	0.74	0.73	0.72	0.71	0.70	0.69	0.68	0.67
4.00	0.86	0.74	0.83	0.78	0.74	0.73	0.91	0.87	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83
8.00	0.88	0.76	0.85	0.80	0.76	0.73	0.92	0.87	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84

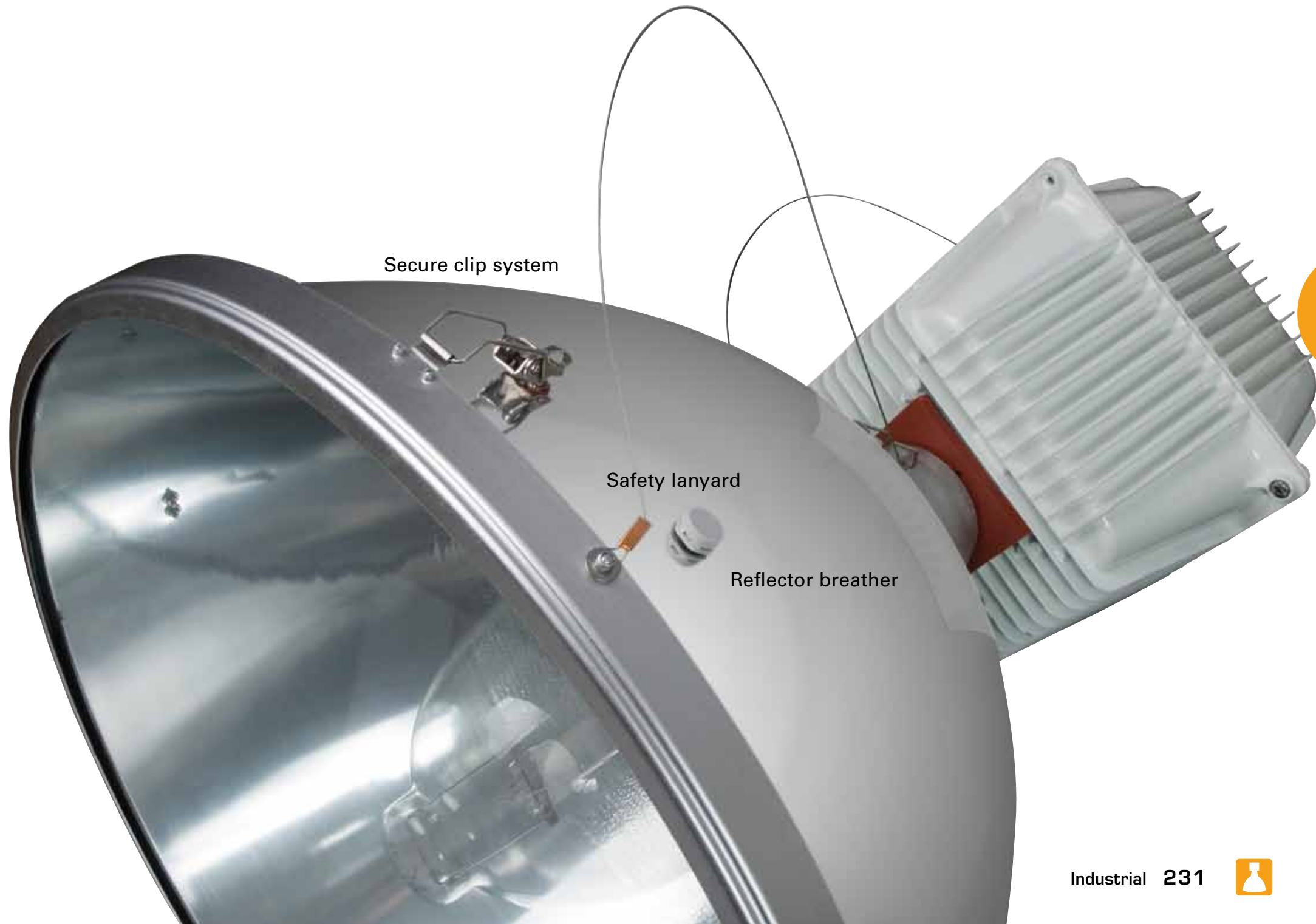
Ceiling mounted

Light output ratio 0.74
 Service upward 0.00
 Service downward 0.74

CRI flux code 85 94 100 100 74

UGR Raes (40W/8H, 0.25m) 27

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Enclosed high bay			
VS1KVMH24CWE	1KW MH CW240V	670 x 720	23
VS1KVMH41CWE	1 KW MH CW415V	670 x 720	25



Secure clip system

Safety lanyard

Reflector breather

