

Intended for
NHM_Unlocked

Document type
Stage 4 External Luminaire Schedule

Date
May, 2025

NHM_Unlocked

External Luminaire Schedule



NHM_UNLOCKED

EXTERNAL LUMINAIRE SCHEDULE

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Checked by	Matthew Hodges
Approved by	Matthew Hodges
Description	NHM_Unlocked Stage 4 External Luminaire Schedule

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NOTES

- 1.The catalogue references in this schedule are for information only. The Contractor shall ensure that the references are correct before ordering. The catalogue numbers for variants, emergency versions, high frequency versions and accessory parts may not be given. No claim relating to incorrect or suspended references will be allowed.
- 2.The Electrical Contactor shall ensure that all appropriate connecting pieces, suspensions, transformers, live ends, accessories etc. are provided with each fitting in order to form a complete installation. Accessories shall also be colour matched to the luminaire body.
- 3.All fittings shall be fitted with electronic control gear as manufactured by Tridonic ATCO, Osram or Phillips.
- 4.Where denoted by the letter "e" or "E" on the drawings, provide luminaires with integral or remote emergency inverter packs for 3 hour maintained operation (category M/3).
- 5.All light sources shall be colour temperature of 3000K unless stated otherwise.
- 6.Dimmable luminaires shall be supplied with electronic control gear for 0-10 volt DSI digital external controls and/or daylight linking.

Luminaire Schedule - Type EX.A01

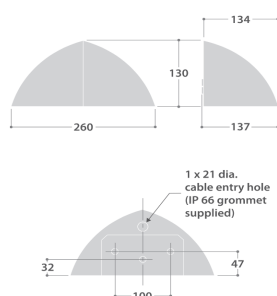
Description: Low Light Level, Wall mounted luminaire, design to minimise light pollution

Location: External, above or adjacent to final exits

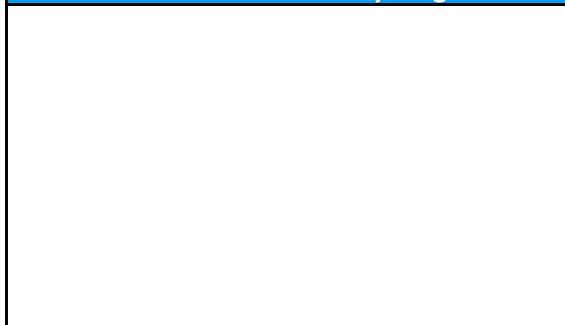
Luminaire Image



Luminaire Dimension Image



Luminaire Polar Intensity Diagram



Dimensions

Length	Width	Height	Dia.	Weight
260mm	137mm	130mm	-	1.5kg

Installation Notes & Description

<https://www.thorlux.co.uk/v4/en/products/realta-micro>

Luminaire Ref	EX.A01
'E' DENOTES EMERGENCY TYPE	
Manufacturer	Thorlux
Model	REALTA MICRO
Catalogue No.	DRL16607L
Contact	Thorlux
Telephone	01527 583 222
Email Address	thorlux@thorlux.co.uk

Lamp Details

Source	LED
Ballast / Driver	Emergency
Watts	6W
Efficacy	78.6 lm/W
CCT	4000K
CRI	Ra>80
Macadam	-
Lamp Life	63k - L80/B10

Luminaire Details

Lumens	470lm
Diffuser	-
Cutoff / Glare	-
Finish / Body	UV stabilised polycarbonate cover (colour : Graphite)
IP Rating	IP 66
IK Rating	IK 11
Accessories	-
Control Requirements	DALI
Connection	

Luminaire Schedule - Type EX.A02

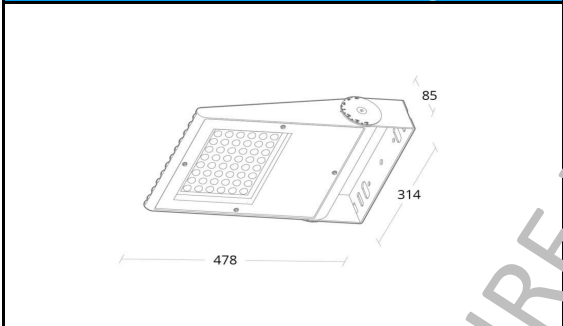
Description: Wall mounted, high performance external luminaire

Location: External, above loading bay entrance

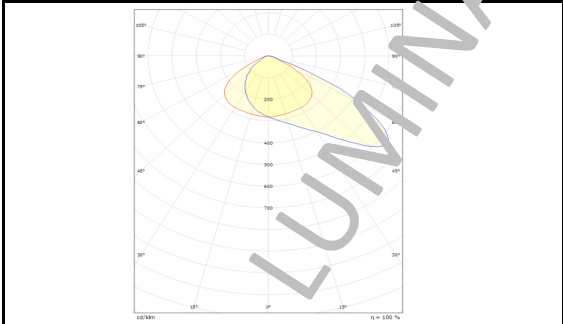
Luminaire Image



Luminaire Dimension Image



Luminaire Polar Intensity Diagram



Dimensions

Length	Width	Height	Dia.	Weight
478mm	314mm	85mm	-	9.25kg

Installation Notes & Description

Luminaire Ref	EX.A02
'E' DENOTES EMERGENCY TYPE	
Manufacturer	SG Lighting
Model	Langfoss
Catalogue No.	64.1936
Contact	Greg Hepton
Telephone	M: + 44 7423 152 221 T: + 44 1376 333 400
Email Address	greg.hepton@sglighting.co.uk

Lamp Details

Source	LED
Ballast / Driver	LED Driver
Watts	95W
Efficacy	156 lm/W
CCT	4000K
CRI	Ra>70
Macadam	3
Lamp Life	L90/B10 > 50,000

Luminaire Details

Lumens	14810 lm
Optic	Lens, Tempered glass
Light Distribution	Asymmetric
Finish / Body	Die-cast aluminium, Graphite
IP Rating	IP 66
IK Rating	IK 08
Accessories	-
Control Requirements	On/Off
Connection	-

Luminaire Schedule - Type EX.B01

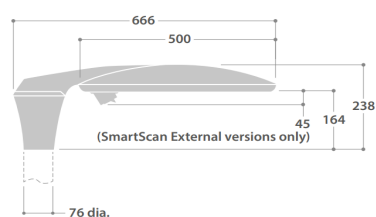
Description: Pole mounted LED area floodlight, zero upward light

Location: External areas, loading bay, car park, service road

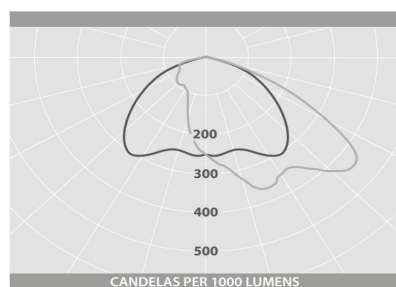
Luminaire Image



Luminaire Dimension Image



Luminaire Polar Intensity Diagram



Dimensions

Length	Width	Height	Dia.	Weight
-	-	-	500mm	8.8kg

Installation Notes & Description

Mounted on 6m column:

- Catalogue number: FC6
- Planting depth: 1000mm
- Base height: 925mm
- Shaft diameter: 140mm
- Weight: 44kg
- Baseboard size: 89mm(w) x 500mm(h)

Luminaire Ref	EX.B01
'E' DENOTES EMERGENCY TYPE	
Manufacturer	Thorlux
Model	JUNO C
Catalogue No.	JUN 17678L
Contact	Thorlux
Telephone	01527 583 222
Email Address	thorlux@thorlux.co.uk

Lamp Details

Source	LED
Ballast / Driver	Integral high efficiency driver
Watts	52W
Efficacy	122 lm/W
CCT	4000K
CRI	70+
Macadam	-
Lamp Life	100K - L90/B10

Luminaire Details

Lumens	6360lm
Diffuser	-
Cutoff / Glare	Zero Upward Light
Finish / Body	Strong high pressure die cast aluminium top and column mount
IP Rating	IP 66
IK Rating	IK 10
Accessories	6m column
Control Requirements	Non-dimming
Connection	Fitted with 6m flying lead

Luminaire Schedule - Type EX.B02

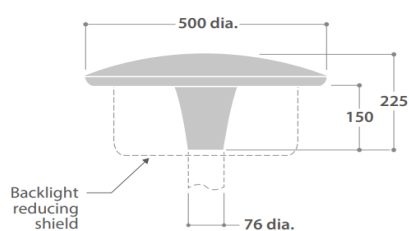
Description: Pole mounted LED area floodlight, zero upward light

Location: External areas, loading bay, car park, service road

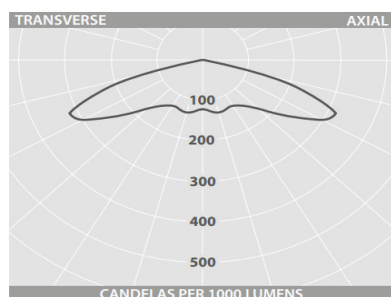
Luminaire Image



Luminaire Dimension Image



Luminaire Polar Intensity Diagram



Dimensions

Length	Width	Height	Dia.	Weight
-	-	-	500mm	9.4kg

Installation Notes & Description

Mounted on 6m column:

- Catalogue number: FC6
- Planting depth: 1000mm
- Base height: 925mm
- Shaft diameter: 140mm
- Weight: 44kg
- Baseboard size: 89mm(w) x 500mm(h)

Luminaire Ref	EX.B03
'E' DENOTES EMERGENCY TYPE	
Manufacturer	Thorlux
Model	JUNO B
Catalogue No.	JUN 19200L
Contact	Thorlux
Telephone	01527 583 222
Email Address	thorlux@thorlux.co.uk

Lamp Details

Source	LED
Ballast / Driver	Integral high efficiency driver
Watts	37W
Efficacy	154 lm/w
CCT	4000K
CRI	70+
Macadam	-
Lamp Life	100K - L80/B10

Luminaire Details

Lumens	5725lm
Diffuser	Symmetric Distribution
Cutoff / Glare	Zero Upward Light
Finish / Body	Strong high pressure die cast aluminium top and column mount
IP Rating	IP 66
IK Rating	IK 10
Accessories	6m column
Control Requirements	Non-dimming
Connection	Fitted with 10m flying lead

Luminaire Schedule - Type EX.B01

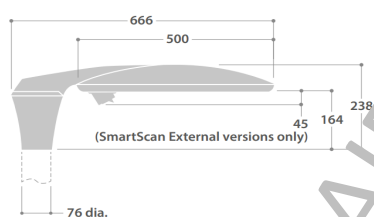
Description: Pole mounted LED area floodlight, zero upward light

Location: External areas, loading bay, car park, service road

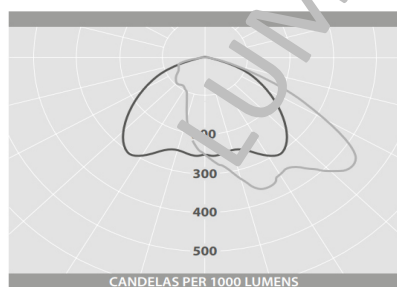
Luminaire Image



Luminaire Dimension Image



Luminaire Polar Intensity Diagram



Dimensions

Length	Width	Height	Dia.	Weight
-	-	-	500mm	8.8kg

Installation Notes & Description

Mounted on 6m column:

- Catalogue number: FC6
- Planting depth: 1000mm
- Base height: 925mm
- Shaft diameter: 140mm
- Weight: 44kg
- Baseboard size: 89mm(w) x 500mm(h)

Luminaire Ref	EX.B04
'E' DENOTES EMERGENCY TYPE	
Manufacturer	Thorlux
Model	JUNO C
Catalogue No.	JUN 17678L
Contact	Thorlux
Telephone	01527 583 222
Email Address	thorlux@thorlux.co.uk

Lamp Details

Source	LED
Ballast / Driver	Integral high efficiency driver
Watts	52W
Efficacy	122 lm/W
CCT	4000K
CRI	70+
Macadam	-
Lamp Life	100K - L90/B10

Luminaire Details

Lumens	6360lm
Diffuser	-
Cutoff / Glare	Zero Upward Light
Finish / Body	Strong high pressure die cast aluminium top and column mount
IP Rating	IP 66
IK Rating	IK 10
Accessories	6m column
Control Requirements	Non-dimming
Connection	Fitted with 6m flying lead

Luminaire Schedule - Type EX.C02

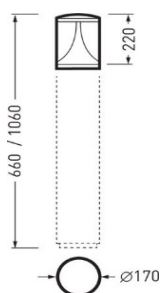
Description: High performance bollard with excellent light distribution

Location: External areas, pathways & final exits

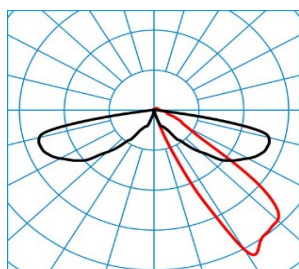
Luminaire Image



Luminaire Dimension Image



Luminaire Polar Intensity Diagram



Dimensions

Length	Width	Height	Dia.	Weight
-	-	1060	172	3.8KG

Installation Notes & Description

Luminaire Ref	EX.C02
'E' DENOTES EMERGENCY TYPE	
Manufacturer	Trilux
Model	8841
Catalogue No.	TOC: 8576951
Contact	
Telephone	
Email Address	

Lamp Details

Source	LED
Ballast / Driver	-
Watts	9W
Efficacy	82 - 78 lm/W
CCT	3000 K
CRI	> 70
Macadam	-
Lamp Life	L80/B50 (25 °C) 100,000 h

Luminaire Details

Lumens	700 lm
Diffuser	-
Cutoff / Glare	asymmetric wide (AB2L)
Finish / Body	-
IP Rating	IP65
IK Rating	IK04
Accessories	-
Control Requirements	-
Connection	-

Luminaire Schedule - Type EX.C03

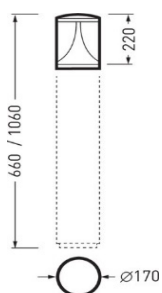
Description: High performance bollard with excellent light distribution

Location: External areas, pathways & final exits

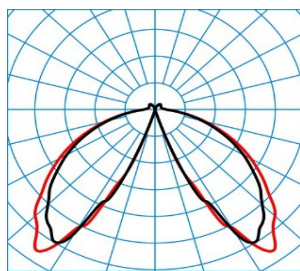
Luminaire Image



Luminaire Dimension Image



Luminaire Polar Intensity Diagram



Dimensions

Length	Width	Height	Dia.	Weight
-	-	1060	172	3.8KG

Installation Notes & Description

Luminaire Ref	EX.C03
'E' DENOTES EMERGENCY TYPE	
Manufacturer	Trilux
Model	8841
Catalogue No.	TOC: 8114951
Contact	
Telephone	
Email Address	

Lamp Details

Source	LED
Ballast / Driver	-
Watts	9.5W
Efficacy	89 - 84 lm/W
CCT	3000 K
CRI	> 70
Macadam	-
Lamp Life	L80/B50 (25 °C) 100,000 h

Luminaire Details

Lumens	700 lm
Diffuser	-
Cutoff / Glare	rotationally sym. wide (RB)
Finish / Body	-
IP Rating	IP65
IK Rating	IK04
Accessories	-
Control Requirements	-
Connection	-

Luminaire Schedule - Type EX.C01

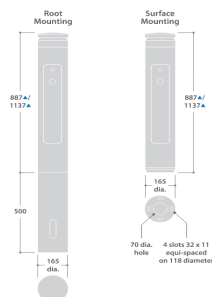
Description: High performance bollard with excellent light distribution

Location: External areas, pathways & final exits

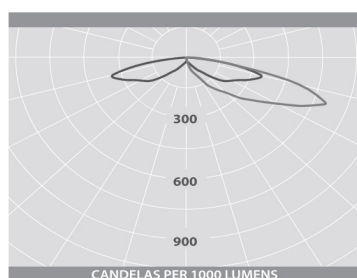
Luminaire Image



Luminaire Dimension Image



Luminaire Polar Intensity Diagram



Dimensions

Length	Width	Height	Dia.	Weight
-	-	1137mm	165mm	9.2kg

Installation Notes & Description

Surface or root mounting options (TBC).

Luminaire Ref	EX.D01
<i>'E' DENOTES EMERGENCY TYPE</i>	
Manufacturer	Thorlux
Model	PASSWAY
Catalogue No.	PW 20429 & PW 20431 (TBC)
Contact	Thorlux
Telephone	01527 583 222
Email Address	thorlux@thorlux.co.uk

Lamp Details

Source	LED
Ballast / Driver	-
Watts	21w
Efficacy	62.5LL/CW
CCT	2700K
CRI	70+
Macadam	-
Lamp Life	100K - L70/B10

Luminaire Details

Lumens	1495lm
Diffuser	Pathway / Area
Cutoff / Glare	Less than 2% upward light
Finish / Body	Extruded aluminium body with die cast aluminium head unit
IP Rating	IP 66
IK Rating	IK 10
Accessories	-
Control Requirements	Non-dimming
Connection	-

Luminaire Schedule - Type F1

Description: Tri-proof Luminaire. Low Power Consumption, High Lumen Output

Location: External Plant Area

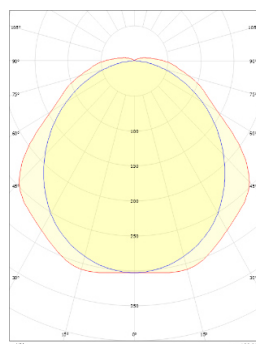
Luminaire Image



Luminaire Dimension Image



Luminaire Polar Intensity Diagram



Dimensions

Length	Width	Height	Dia.	Weight
1500 mm	85 mm	80 mm	-	1.78 kg

Installation Notes & Description

Surface Mounted on ceilings with clips or Suspended in wires.
Cable in both ends and weakening for cabling from the back.

Luminaire Ref	F1
<i>'E' DENOTES EMERGENCY TYPE</i>	
Manufacturer	SG Lighting
Model	Tysnes 66
Catalogue No.	7021981200329
Contact	Greg Hepton
Telephone	M: + 44 7423 152 221 T: + 44 1376 333 400
Email Address	greg.hepton@sglighting.co.uk

Lamp Details

Source	LED
Ballast / Driver	LED DALI Driver
Watts	34W
Efficacy	148 lm/W
CCT	4000K
CRI	Ra > 80
Macadam	SDCM: 3
Lamp Life	L80/B20>100,000 L90/B10>50,000

Luminaire Details

Lumens	5700lm
Diffuser	Plastic Opal
Cutoff / Glare	UGR < 25
Finish / Body	Grey UV-stabilized polycarbonate
IP Rating	IP66
IK Rating	IK08
Accessories	-
Control Requirements	DALI
Connection	Screwless terminal block

Luminaire Schedule - Type F2

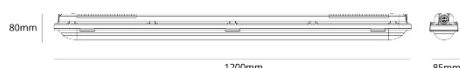
Description: Tri-proof Luminaire. Low Power Consumption, High Lumen Output

Location: L1 Plant Area

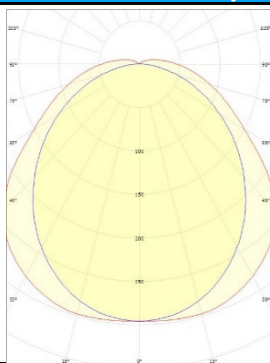
Luminaire Image



Luminaire Dimension Image



Luminaire Polar Intensity Diagram



Dimensions

Length	Width	Height	Dia.	Weight
1225 mm	85 mm	80 mm	-	1.6 kg

Installation Notes & Description

Surface Mounted on ceilings with clips or Suspended in wires.
Cable in both ends and weakening for cabling from the back.

Luminaire Ref	F2
<i>'E' DENOTES EMERGENCY TYPE</i>	
Manufacturer	SG Lighting
Model	Tysnes 66
Catalogue No.	7021981200381
Contact	Greg Hepton
Telephone	M: + 44 7423 152 221 T: + 44 1376 333 400
Email Address	greg.hepton@sglighting.co.uk

Lamp Details

Source	LED
Ballast / Driver	LED DALI Driver
Watts	14W
Efficacy	147 lm/W
CCT	4000K
CRI	Ra > 80
Macadam	SDCM: 3
Lamp Life	L80/B20>100,000 L90/B10>50,000

Luminaire Details

Lumens	5040lm
Diffuser	Plastic Opal
Cutoff / Glare	-
Finish / Body	Grey UV-stabilized polycarbonate
IP Rating	IP66
IK Rating	IK08
Accessories	-
Control Requirements	DALI
Connection	Screwless terminal block

Luminaire Schedule - Type W4

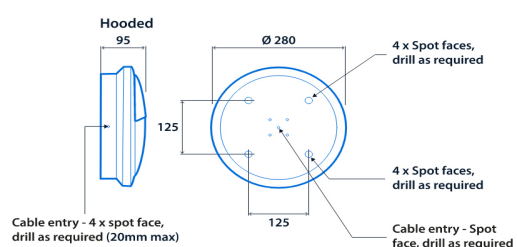
Description: External wall-mounted hooded luminaire

Location: Level 01 Roof Terrace

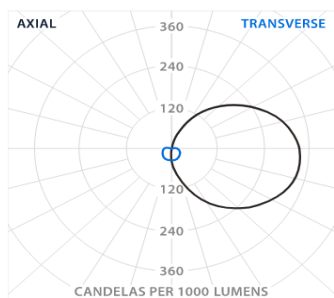
Luminaire Image



Luminaire Dimension Image



Luminaire Polar Intensity Diagram



Dimensions

Length	Width	Depth	Dia.	Weight
-	-	95mm	280mm	2.7kg

Installation Notes & Description

Mounting detail: wall
Mounting heights TBC with architect.

Luminaire Ref	W4
<i>'E' DENOTES EMERGENCY TYPE</i>	
Manufacturer	Thorlux
Model	Prismalette 360
Catalogue No.	EPM008HXGL
Contact	Thorlux
Telephone	01527 583 222
Email Address	thorlux@thorlux.co.uk

Lamp Details

Source	LED
Ballast / Driver	-
Watts	8W
Efficacy	113.5 LL/CW
CCT	4000K
CRI	80+
Macadam	3
Lamp Life	100 K - L80/B10

Luminaire Details

Lumens	1,135lm
Diffuser	Satin Diffuser
Cutoff / Glare	Hooded
Finish / Body	Aluminium body and bezel
IP Rating	IP66
IK Rating	IK11
Accessories	-
Control Requirements	Non-dimming
Connection	Screw terminal