

Luminaire Description: Linear Fluorescent luminaire

Manufacturer:	Zumtobel - Tecton	Lamp Type:	T5 HE CRI > 80
Manufacturing standard:	EN 60 598	Power:	2x80W
Catalogue Number:	42918141	Lamp Manufacturer:	Osram
Finish:	White Grey	Colour/Beam:	4000K
Accessories:	-	Ballast/Transformer:	DALI

TECTON continuous-row luminaires**TECTON 2/80W T16 LDB****42918141****Continuous row luminaire**

Continuous row luminaire 2 x 80 W, for T16, Slave luminaire, 10 to 100% dimming range, controlled via direct momentary-action switch input or using DALI broadcast signal (no addressing, no feedback channel), with Momentary-action switch or DIMLITE dimmable electronic ballast, made of roll-formed sheet steel with white polyester enamel coating. Attractive closure of continuous-row luminaires with preassembled transparent lampholder shells fitted with T16 lampholders. Simultaneously electrical and physical connection to mounting track via two retractable rotary toggles. All accessory parts can be installed using "CLIX" mechanism. Integral code on plug prevents luminaire from being fitted incorrectly, in addition, phase selection on plug for control of 3 circuits. One contact for maintained circuit. Luminaire wired with halogen-free leads. Dimensions: 1471 x 49 x 37 mm, weight: 1.2 kg.

Reflector: TECTON RSR sym 35/49/80 SR**22157952**

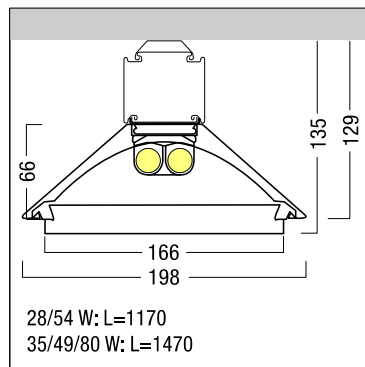
Shelf-lighting optic, symmetric in very simple formal language: bent, in silver colour. Asymmetrical specular reflector optic made of highly specular aluminium, visually continuous. Fastened using CLIX mechanism; dimensions: 1470 x 198 x 129 mm, weight: 2.2 kg.

Louvre/diffuser/cover: TECTON RAST RSR SYM 35/49/80**22157956**

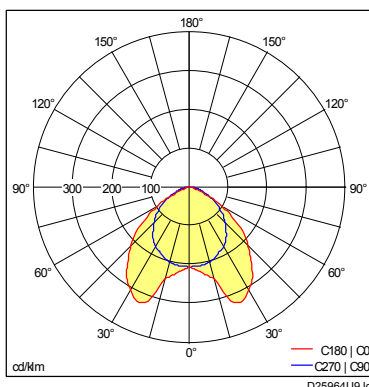
Vane louvre painted in white, for optimum longitudinal glare control, visually continuous. Fastened via CLIX connectors. Dimensions: 1469 x 182 x 20 mm, weight: 0.69 kg



ZS_TEC_F_Regaloptik_zfl_sym_Rast.jpg



ZS_TEC_M_Wallwash_sym.wmf

Light Distribution**STD - standard**

D25964U9.lgt

- Lamps: 2 x T16 / 80W
- Total luminous flux: 12300 lm
- Luminaire light output: 51 lm/W
- Colour Rendering Index min.: 80
- Ballast: EVG dim2save Tridonic PCA ES
- Connected Load: 172 W $\Lambda = 0,98$
- Dimming: LDB dimmable to 10%
- CELMA EEI: A1

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Locations:

Laser Room

Notes:

1. Where luminaire is shown on the drawings with an emergency lighting circuit reference AL9 shall be connected to the central battery system.

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Architect:
Project:
Date:
Project No:
Purpose of Issue:

Rogers Stirk Harbour & Ptns
British Museum WCEC
26th August 2011
124020-00
Construction C1

Type:
AL9

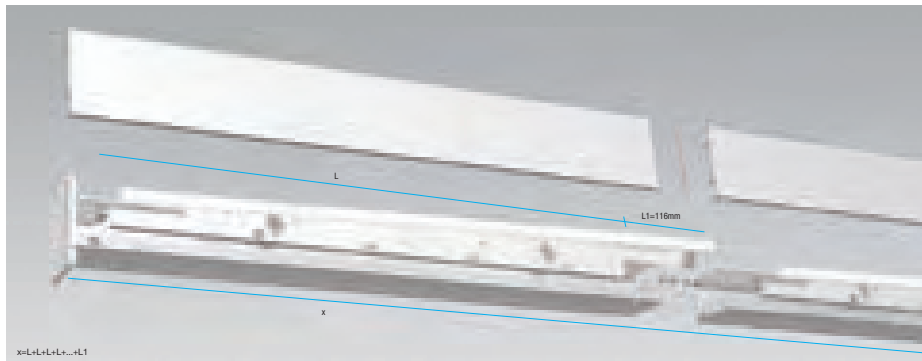
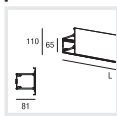
Luminaire Description: Wall mounted direct/indirect luminaire

Manufacturer: XAL Lighting
Manufacturing standard: EN 60 598
Catalogue Number: Various - Linea
Finish: Aluminium
Accessories: PIR motion detector

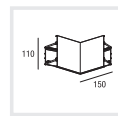
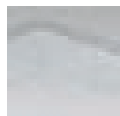
Lamp Type: T5 HE CRI > 80
Power: 2x35 Watt
Lamp Manufacturer: Osram
Colour/Beam: 4000K
Ballast/Transformer: Integral, DALI

LINEA SYSTEM

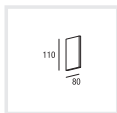
AUFBAUPROFIL | ABGEHÄNGTE PROFILE SURFACE MOUNTED | SUSPENDED PROFILES PROFILI DA SOFFITTO | A SOSPENSIONE

**CHANNEL | ACCESSORIES**

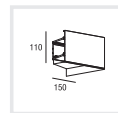
LINEA Installation channel	
L total (MM)	CODE
572	031-0004
872	031-0004
1172	031-0124
1472	031-0154
2230	031-0244
3000	031-0304



LINEA Winkelverbinder innen LINEA Inner corner connector LINEA Giunto ad angolo interno	CODE 031-1282
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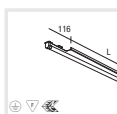
LINEA Endstücke LINEA End caps LINEA Testate terminali	
COLOUR	CODE
chrome	031-13044
anodised aluminium	031-13045
white	031-13047
black	031-13048



LINEA Winkelverbinder aussen LINEA Outer corner connector LINEA Giunto ad angolo esterno	CODE 031-1284
--	------------------



LINEA Linienverbinder LINEA Linear connector LINEA Giunto lineare	CODE 005-40045
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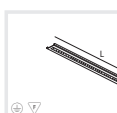
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LINEA EMERGENCY T16 GS multi EVG		
CAPACITY	L (MM)	CODE
1x28/54W	1056+116	004-12157
1x35/49W	1356+116	004-13157
004-_____	N1 1h Accupack	
	N3 3h Accupack (not for 1x28/54W)	
	UW UW CEAG (change-over-relay)	





line LED

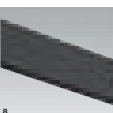


LINEA LINE LED 220-240V

CAPACITY	L (MM)	CODE
1x6W 48x line led	600	007-9122/7
1x9W 72x line led	900	007-9123/7
1x12W 96x line led	1200	007-9124/7
1x15W 120x line led	1500	007-9125/7
1x9W 36x rgb led	600	007-91229/7
1x13W 54x rgb led	900	007-91239/7
1x17W 72x rgb led	1200	007-91249/7
1x21W 90x rgb led	1500	007-91259/7

007-0000	0... amber	
	1... red	
	2... blue	
	3... green	
	4... white	3000K 70 lm/led
	5... white	4000K 88 lm/led
	6... white	6000K 88 lm/led

17	non control
37	DALI control
47	DMX control
57	push-button control
57	multi DIM DALI

Colours

031-0004	6 anodised aluminium
	7 white
	8 black

Locations:

Corridor

Notes:

1. Luminaire must be continuous as shown on the drawings and have overlapped lamps.
2. Each AL-10 as shown on the drawings represent a linear 2x35W direct/indirect arrangement. Luminaires shown as AL-10 to be continuous.
3. Manufacturer to provide drawing of each luminaire length showing lamp arrangement for Arup Lighting to review and approve.

Contact:

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Architect:
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Purpose of Issue:

Rogers Stirk Harbour & Ptns
 British Museum WCEC
 26th August 2011
 124020-00
 Construction C1

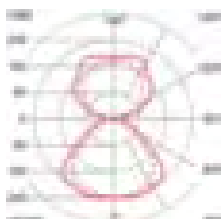
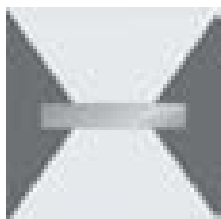
Type:
AL10

Luminaire Description: Suspended direct/indirect luminaire

Manufacturer:	Wila	Lamp Type:	T5 HE CRI > 80
Manufacturing standard:	EN 60 598	Power:	2x35W
Catalogue Number:	MI2306-53	Lamp Manufacturer:	Osram
Finish:	-	Colour/Beam:	4000K
Accessories:	-	Ballast/Transformer:	230V, DALI interface



Pendant set must be ordered separately



Micronic® Pendant Luminaires Micro Prismatic Housing T 16 Fluorescent Lamps

- Direct component of light directed above the trapezoid housing and additional lateral indirect component of conical micro prismatic prisms
- Extremely wide beamed indirect component to prevent high point luminance on the ceiling
- Suitable for VDU workstations according to EN12464-1 (above 65° ≤ 1.000 cd/m²)

- End pieces of die cast aluminium without visible screw connection
- Extremely thin, durable paint finish in matt aluminium (RAL 9006)
- Cover for indirect part of luminaire, made out of clear PC
- Plug-in terminals for through wiring up to 5 x 2.5 mm²
- Standard equipment with EB
- Relamping requires no tools
- ENEC/VDE in preparation

Luminaire module MI2306-53

Lamp, Wattage	2 x 35 W T16
Length 1	1515 mm
Length 2	1270 mm
Width	290 mm
Height 1 max	1500 mm
Height 2	40 mm
Weight	5.7 kg
Beam Spread Angle	65°
Light Output Ratio	78%
UGR	9.4
Luminous intensity distribution	1062

Pendant set

Accessories	Article number
Y-Suspension set	80750
Double-Suspension set	80777
1500 mm incl. supply line, 3 x 0,75 m²	

Locations:

Notes:

Contact:

Jeff Griffiths,
WILA Lighting Limited, 8-10 The
Quadrangle, Grove Technology Park
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Tel: 07876 575289
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Type:
AL11.1

Luminaire Description: Surface mounted IP rated luminaire

Manufacturer: Zumtobel
Manufacturing standard: EN 60 598
Catalogue Number: 42173958
Finish: -
Accessories: -

Lamp Type: T5 HE CRI > 80
Power: 2x35W
Lamp Manufacturer: Osram
Colour/Beam: 4000K
Ballast/Transformer: DALI

CLEAN SUPREME**CLEAN S-R 2/35W T16 ESG**

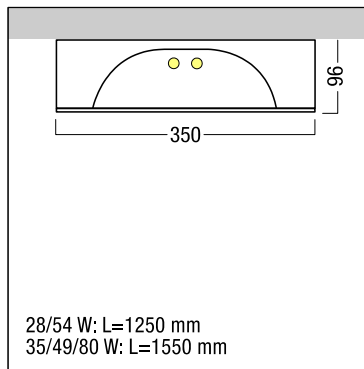
42173958

Normal purity luminaire

Normal purity luminaire CLEAN SUPREME 2/35W, for T16 lamps, with high frequency ballast. sheet steel housing in white, antistatic coated finish (resistant to oil vapours, chemical attack, disinfectants and cleaning agents – always check the cleaning instructions and materials first before use). Special coatings are available for stricter requirements (e.g. in foodstuffs industry and meat & sausage processing). Please discuss these separately. Certified by the Fraunhofer Institute – Suitable for use in clean rooms of cleanliness class 3 to 9 as per EN EN ISO 14644-1. Complies with cleanliness class C to F of the GMP (Good Manufacturing Practice) regulations. 5-pole connector terminal. aluminium symmetric reflector in matt finish. Cover made of 4mm ESG-safety glass panel, with convenient magnetic catches. 4-point fixing. Diffusion film. Dimensions 1550 x 350 x 96 mm; weight: 15.7 kg. Degree of protection: IP65.



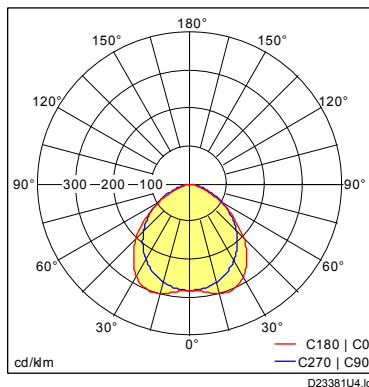
ZS_CLE_F_SYM_SYM_LF.jpg



ZS_CLE_M_S_2x28-80_sym.wmf

Locations:

Science Laboratories

Notes:**Light Distribution****STD - standard**

- Lamps: 2 x T16 / 35W
- Total luminous flux: 6600 lm
- Color Rendering Index: 1B
- Ballast: EVG Tridonic PC PRO Lp
- Connected Load: 76,5 W Lambda = 0,98
- CELMA EEI: A2

Contact:

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Zumtobel cannot issue a general approval certificate for chemical resistance. Zumtobel can supply written confirmation on request.

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Rogers Stirk Harbour & Ptns
 British Museum WCEC
 26th August 2011
 124020-00
 Construction C1

Type:
AL14.1

Luminaire Description: Linear explosion proof surface mounted luminaire

Manufacturer: Zumtobel
Manufacturing standard: EN 60 598
Catalogue Number: 40932106
Finish: -
Accessories: -

Lamp Type: T8 CRI > 80
Power: 1x36W
Lamp Manufacturer: Osram
Colour/Beam: 4000K
Ballast/Transformer: DALI

KXA

KXA-2 1/36W DV5x2,5

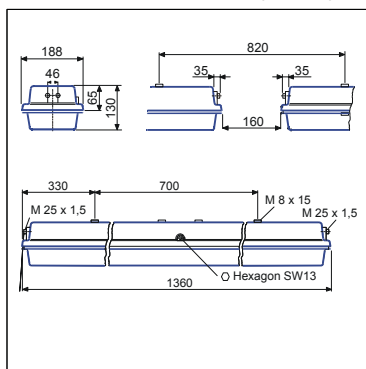
40932106

Expl.-proof diffuser lum. zone 1/21

Expl.-proof diffuser lum. zone 1/21, 1 x 36W, for T26, high frequency ballast. Body in glass-fibre reinforced polyester with non-ageing gasket. Controller in injection-moulded polycarbonate with internal prism structure. Internal central locking mechanism. Ready-mounted reflector. 6-pole terminal. Luminaire wired with halogen-free leads. Dimensions: 1360 x 188 x 130 mm; weight: 8.45 kg.



ZS_KXA_F_KXA2.jpg



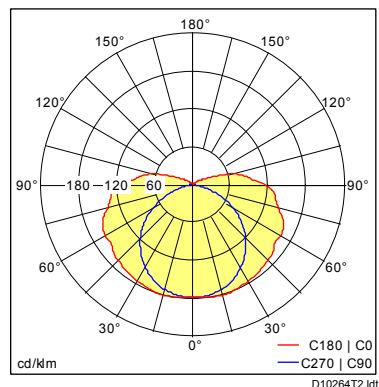
ZS_kxa2_36w.wmf

Locations:

Chemical Stores

Notes:**Light Distribution**

STD - standard



D10264T2.tdt

- Lamps: 1 x T26 / 36W
- Total luminous flux: 3350 lm
- Color Rendering Index: 1B
- Ballast: EVG EVG d ... ex (CEAG)
- Connected Load: 36 W Lambda = 0,96

Ex Exs edm IIC T4

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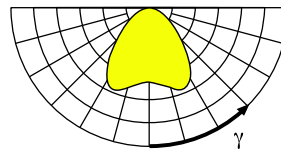
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 British Museum WCEC
 26th August 2011
 124020-00
 Construction C1

Type:
AL15

Luminaire Description: Recessed luminaire

Manufacturer: Etap Lighting
Manufacturing standard: EN 60 598
Catalogue Number: UM227
Finish: -
Accessories: -

Lamp Type: T5 HE CRI > 80
Power: 2x28W
Lamp Manufacturer: Osram
Colour/Beam: 4000K
Ballast/Transformer: DALI

**UM2**

2x T5 - Ø 16 mm

Locations:

Science Laboratories

Notes:**LINEAR**

module	lamptype	$L_{av.} - \text{limit}$ cd/m ²	UGR	η %	L x W x H mm
Diffuser - MesoOptics™ film					
850 °C	T5 - Ø 16 mm				
-	1 x 35W	-	≤ 19	90	1496 x 254 x 100
Diffuser - MesoOptics™ film					
850 °C	T5 - Ø 16 mm				
300	2 x 28W	-	≤ 22	88	1196 x 296 x 100
308	2 x 28W	-	≤ 22	88	1246 x 308 x 100

Contact:

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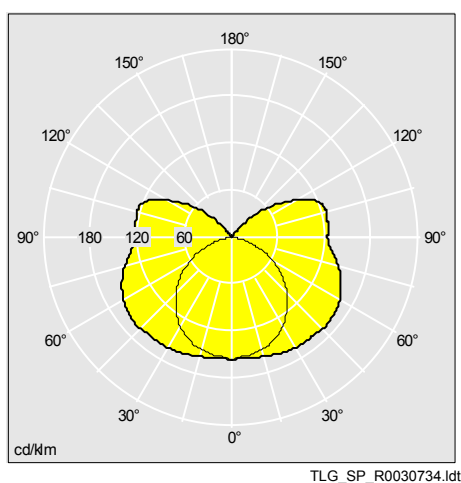
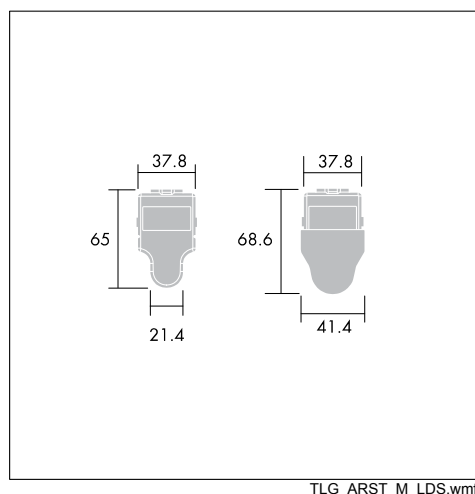
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 British Museum WCEC
 26th August 2011
 124020-00
 Construction C1

Type:
AL16

Luminaire Description: Undershelf Task Lighting

Manufacturer: Thornlighting
Manufacturing standard: EN 60 598
Catalogue Number: 96211396
Finish: -
Accessories: -

Lamp Type: T5 HE CRI > 80
Power: 1x28W
Lamp Manufacturer: Osram
Colour/Beam: 4000K
Ballast/Transformer: Electronic ballast



Lamp position: STD - standard
Lamp: T16 28W
LOR: 0,97 ULOR: 0,25 DLOR: 0,72
Maintenance category: A

Locations:
Science Laboratories
Notes:

Contact:
Tony Dandy
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Butcher Race
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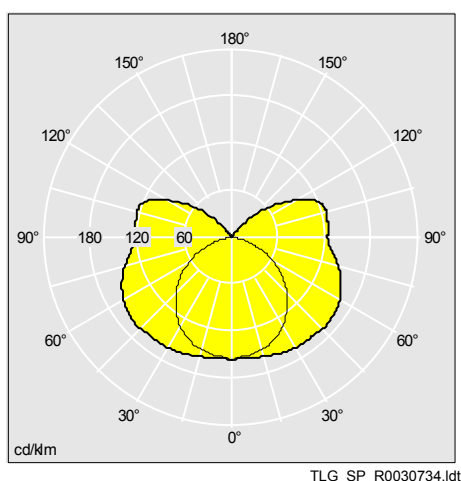
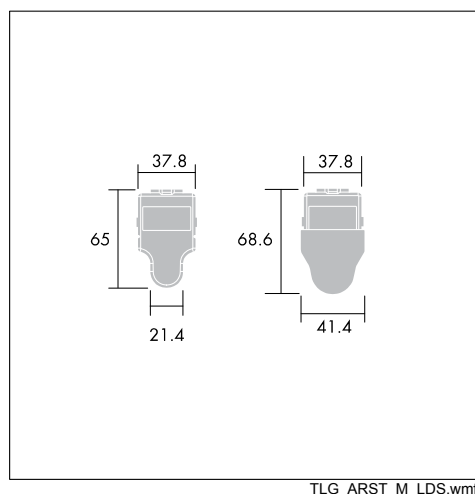
Rogers Stirk Harbour & Ptns
British Museum WCEC
26th August 2011
124020-00
Construction C1

Type:
AL17

Luminaire Description: Undershelf Task Lighting

Manufacturer: Thornlighting
Manufacturing standard: EN 60 598
Catalogue Number: 96211398
Finish: -
Accessories: -

Lamp Type: T5 HE CRI > 80
Power: 1x35W
Lamp Manufacturer: Osram
Colour/Beam: 4000K
Ballast/Transformer: Electronic ballast



Lamp position: STD - standard
 Lamp: T16 28W
 LOR: 0,97 ULOR: 0,25 DLOR: 0,72
 Maintenance category: A

Locations:
 Science Laboratories
Notes:

Contact:
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 e-mail:
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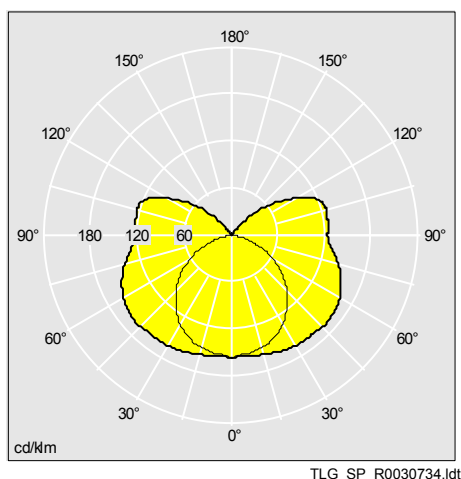
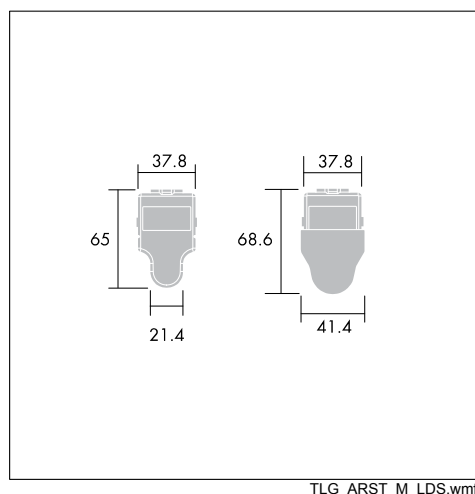
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Type:
AL17.2

Luminaire Description: Undershelf Task Lighting

Manufacturer: Thornlighting
Manufacturing standard: EN 60 598
Catalogue Number: UM2
Finish: -
Accessories: -

Lamp Type: T5 HO CRI > 80
Power: 1x54W
Lamp Manufacturer: Osram
Colour/Beam: 4000K
Ballast/Transformer: Electronic ballast



Lamp position: STD - standard
 Lamp: T16 28W
 LOR: 0,97 ULOR: 0,25 DLOR: 0,72
 Maintenance category: A

Locations:

Science Laboratories

Notes:**Contact:**

Tony Dandy
 Thorn Lighting
 Butcher Race
 Green Lane
 DL16 GHJ
 Tel: +44 (0)7792551608
 e-mail:
 Tony.Dandy@Thornlighting.com
 Web: www.thornlighting.co.uk

ARUP

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Architect:
Project:
Date:
Project No:
Purpose of Issue:

Rogers Stirk Harbour & Ptns
 British Museum WCEC
 26th August 2011
 124020-00
 Construction C1

Type:
AL17.3

Luminaire Description: Suspended LED luminaire

Manufacturer: Zumtobel
Manufacturing standard: EN 60 598
Catalogue Number: 42179911
Finish: -
Accessories: -

Lamp Type: LED
Power: 1x80W
Lamp Manufacturer: CREE
Colour/Beam: 4000K
Ballast/Transformer: DALI

TECTON continuous-row luminaires**TECTON 1200 63W LED840 WH**

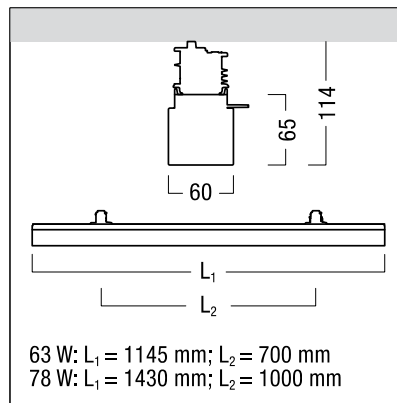
42179911

LED continuous-row luminaire

Linear TECTON LED continuous-row luminaire 1200 with 4 segment elements, each with 14 LEDs of power 1W and light colour 840 for implementing continuous LED light lines without discontinuities. Satisfies vertical and horizontal illuminance levels for presentation and sales applications. No ultraviolet or infrared radiation plus optimised thermal management guarantees a 50,000 h service life. 100% flexible and tool-free installation on the TECTON trunking. Weight: 3.5 kg.



ZS_TEC_F_LED_seitl.jpg



ZS_TEC_M_LED_Balken.wmf

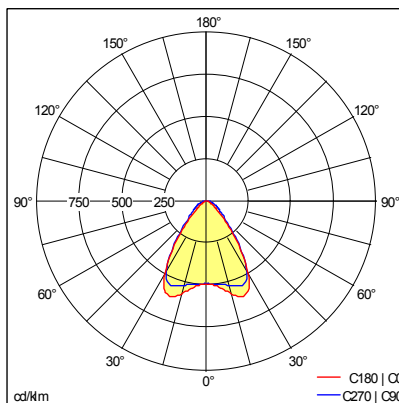
63 W: L₁ = 1145 mm; L₂ = 700 mm
 78 W: L₁ = 1430 mm; L₂ = 1000 mm

Locations:

Science Laboratories

Notes:

1. Luminaire to be suspended 300mm min below finished ceiling level
2. Manufacturer to provide non-fluorescing finish for Experimental Imaging Lab - Room 38.
3. Manufacturer to provide LEDs with CRI > 90 for Experimental Imaging Lab - Room 38.

Light Distribution**STD - standard**

D29406AA_1200mm.ltd

- Lamps: 1 x LED Tecton 1200 / 63W
- Total luminous flux of luminaires: 3880 lm
- Luminaire light output: 62 lm/W
- Ballast: LED_Converter Tridonic TalexxConverter 0060 K350 one4all Ip
- Connected Load: 63 W Lambda = 0,96
- Dimming: Dali dimmable to 10%

Contact:

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 Zumtobel Lighting Ltd.
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Purpose of Issue:

Rogers Stirk Harbour & Ptns
 British Museum WCEC
 26th August 2011
 124020-00
 Construction C1

Type:
AL20

Luminaire Description: Recessed downlight

Manufacturer: Zumtobel
Manufacturing standard: EN 60 598
Catalogue Number: 60812919
Finish: -
Accessories: -

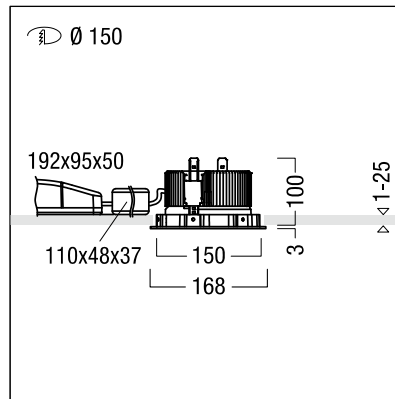
Lamp Type: LED Ra > 95
Power: 1x18W
Lamp Manufacturer: CREE
Colour/Beam: 4000K
Ballast/Transformer: DALI

PANOS INFINITY L**PANOS INF E150LF 18W LED WN LDE DO WH****60812919****LED ceiling-recessed luminaire**

LED ceiling-recessed luminaire (pre-assembled luminaire), designed for use where space is limited in ceiling: recess depth only 100mm; "Stable White" LED luminaire, stabilized colour temperature; symmetric wide-beam light distribution with maximum luminaire efficiency and optimum photometric properties; lamp(s): 1/18 W neutral white, colour temperature: warm white (WW) 3000K, neutral white (WN) 4000K; luminaire luminous flux: >1000 lm for 18W, >1800 lm for 27W, >2400 lm for 36W; luminaire efficiency: up to 77 lm/W; colour rendering: RA>90; 50,000h service life at 70% luminous flux; includes controllable ballast, dimmable Dali only (separate unit); high-quality reflector unit fixed to modular LED lighting chamber by twist-and-lock mechanism; high efficiency LED lighting chamber integrated in optimised, passive thermal management system made of extruded aluminium section; harmonious transition between lighting chamber and reflector unit; reflector: faceted, aluminized mirrorbrite and indescend-free finish; reflector/trim made of high quality, UV-resistant polycarbonate; white trim; mounting ring made of die-cast aluminium; luminaire unit can be fitted quickly without tools thanks to simplified twist-and-lock mechanism; luminaire wired with halogen-free leads; electrical connection: 5-pole connector terminal; suitable for use with 220V DC central battery; installation: tool-free quick installation using antislip spring clips in ceilings of thickness 1-25mm; ceiling cutout: 150mm, recess depth: 100 mm; weight: 1.19 kg;



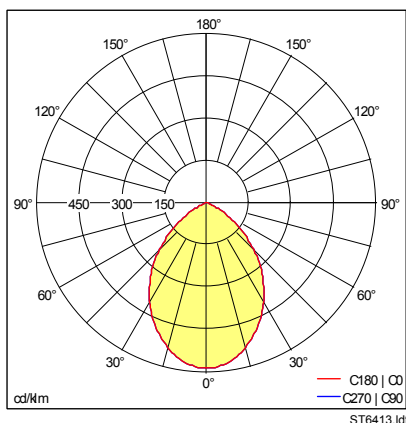
ZS_PAN_F_Infinity_150_LF_Rahmen_nw.jpg



ZS_PAN_M_INF_L150_WH.wmf

Locations:

WC's

Notes:**Light Distribution****STD - standard**

- Lamps: 1 x LED_1249 / 18W
- Total luminous flux: 1249 lm
- Luminaire light output: 66 lm/W
- Ballast: LED_Converter
- Connected Load: 18 W Lambda = 0,96
- Dimming: LDE DO dimmable to 5%

Contact:

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Project:
Date:
Project No:
Purpose of Issue:

Rogers Stirk Harbour & Ptns
 British Museum WCEC
 26th August 2011
 124020-00
 Construction C1

Type:
AL21

Luminaire Description: Suspended luminaire

Manufacturer: Zumtobel
Manufacturing standard: EN 60 598
Catalogue Number: 42177248
Finish: -
Accessories: -

Lamp Type: T5 HE CRI > 80
Power: 2x28W
Lamp Manufacturer: Osram
Colour/Beam: 4000K
Ballast/Transformer: DALI

VAERO

**ZUMTOBEL**

VAERO-HA ID 2/28W SR ASQ1000 L840

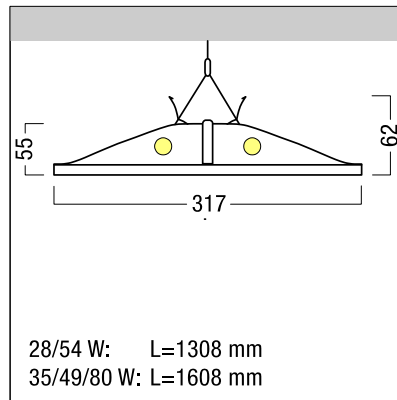
42177248

I/D luminaire micro-pyramidal optic

I/D luminaire micro-pyramidal optic for contrast management using transparent optical system with precision prisms and single-piece MPO-plus micro-pyramidal optic for a seamless look, with high frequency ballast for T16 lamp, 2/28 W. Direct light component guided via micro-pyramidal optic employing multi-layer technology, with defined emission in glare-free batwing pattern with $L < 1000 \text{ cd/m}^2$ at $60^\circ/65^\circ$ and special glare reduction for horizontal displays ($UGR < 16$ for high-quality office applications to EN12464); indirect light component can be adapted for variable suspension heights via adjustable reflectors having an extremely wide light distribution; ultra-flat, uniformly backlit housing made of powder coated silver aluminium extrusion for optimised contrast, Luminaire with lamps in light colour 840 including transparent supply cable und Cord suspension kit includes 1 ceiling rose and 2 cords, each 1,000mm, glow-wire test: 650°C , Luminaire wired with halogen-free leads. dimensions: 1308 mm x 318 mm x 62 mm. Weight: 9.6 kg



ZS_VAE_F_PESP_B.jpg



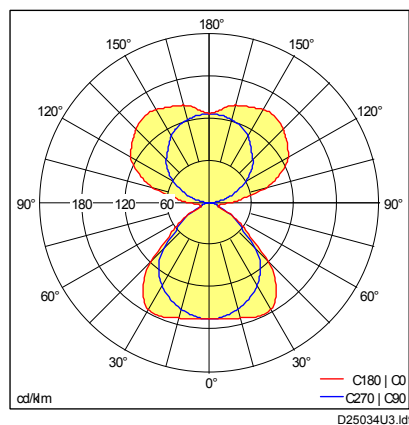
ZS_VAE_M_VAERO.wmf

Locations:

Science Laboratories

Notes:**Light Distribution**

STD - standard



- Lamps: 2 x T16 / 28W
- Total luminous flux: 5200 lm
- Luminaire light output: 75 lm/W
- Colour Rendering Index min.: 80
- Ballast: EVG Tridonic PC PRO Lp
- Connected Load: 61 W $\Lambda = 0,96$
- CELMA EEI: A2

Contact:

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Purpose of Issue:

Rogers Stirk Harbour & Ptns
 British Museum WCEC
 26th August 2011
 124020-00
 Construction C1

Type:**AL22**

Page 32

Luminaire Description: Recessed Downlight

Manufacturer: Zumtobel
Manufacturing standard: EN 60 598
Catalogue Number: 60812661
Finish: -
Accessories: -

Lamp Type: LED Ra > 95
Power: 1x36W
Lamp Manufacturer: CREE
Colour/Beam: 4000K
Ballast/Transformer: DALI

PANOS INFINITY L

PANOS INF E200LF 36W LED WN LDE DO WH

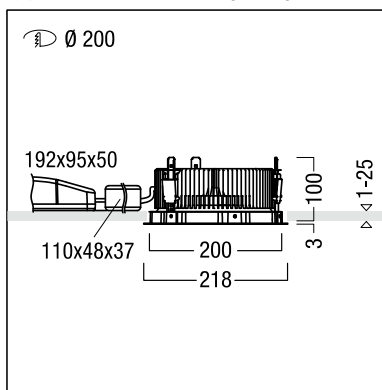
60812661

Ceiling recessed LED luminaire

Ceiling recessed LED luminaire (pre-assembled luminaire), designed for use where space is limited in ceiling: recess depth only 100mm; "Stable White" LED luminaire, stabilized colour temperature; symmetric wide-beam light distribution with maximum luminaire efficiency and optimum photometric properties; lamp(s): 1/36 W neutral white, colour temperature: warm white (WW) 3000K, neutral white (WN) 4000K; luminaire luminous flux: >1000 lm for 18W, >1800 lm for 27W, >2400 lm for 36W; luminaire efficiency: up to 77 lm/W; colour rendering: RA>90; 50,000h service life at 70% luminous flux; includes controllable ballast, dimmable Dali only (separate unit); high-quality reflector unit fixed to modular LED lighting chamber by twist-and-lock mechanism; high efficiency LED lighting chamber integrated in optimised, passive thermal management system made of extruded aluminium section; harmonious transition between lighting chamber and reflector unit; reflector: faceted, aluminized mirrorbrite and iridescent-free finish; reflector/trim made of high quality, UV-resistant polycarbonate; white trim; mounting ring made of die-cast aluminium; luminaire unit can be fitted quickly without tools thanks to simplified twist-and-lock mechanism; luminaire wired with halogen-free leads; electrical connection: 5-pole connector terminal; suitable for use with 220V DC central battery; installation: tool-free quick installation using antislip spring clips in ceilings of thickness 1-25mm; ceiling cutout: 200mm, recess depth: 100 mm; weight: 1.35 kg; Please note: To achieve EN12464 compliance in office applications (UGR<19), please order an additional antiglare ring



ZS_PAN_F_Infinity_200_LF_Rahmen_nw.jpg



ZS_PAN_M_INF_L200_WH.wmf

Locations:

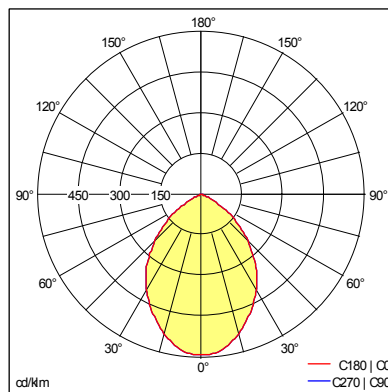
Conservation Studios

Notes:

1. Where luminaire is shown on the drawings as an emergency, marked with an "E" suffix, AL22 shall be connected to the central battery system.

Light Distribution

STD - standard



ST6336.jpg

- Lamps: 1 x LED_2704 / 36W
- Total luminous flux: 2704 lm
- Luminaire light output: 72 lm/W
- Ballast: LED_Converter
- Connected Load: 36 W Lambda = 0,96
- Dimming: LDE DO dimmable to 5%

Contact:

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Rogers Stirk Harbour & Ptns
 British Museum WCEC
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 Construction C1

Type:

AL23

Page 33

Luminaire Description: Surface mounted luminaire

Manufacturer: XAL
Manufacturing standard: EN 60 598
Catalogue Number: CORNER 75
Finish: Opal
Accessories: -

Lamp Type: T5 HE CRI > 80
Power: 1x35W
Lamp Manufacturer: Osram
Colour/Beam: 4000K
Ballast/Transformer: DALI

CORNER 75 SYSTEM



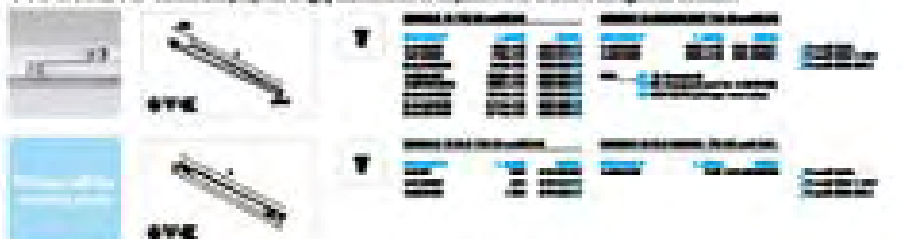
Channel, Accessories, T16 Insets, Reflectors, Covers, Colours



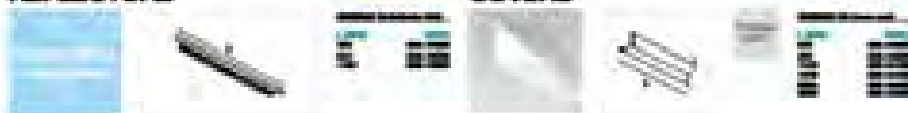
CHANNEL | ACCESSORIES



T16 INSETS



REFLECTORS



COVERS

Colours



Locations:

Plot 5

Notes:

1. Luminaire must be continuous as shown on the drawings and have overlapped lamps.
2. Each AL-10 as shown on the drawings represent a linear 2x35W direct/indirect arrangement. Luminaires shown as AL-10 to be continuous.
3. Manufacturer to provide drawing of each luminaire length showing lamp arrangement for Arup Lighting to review and approve.

Contact:

Mag. (FH) Florian Schaubach
 XAL Limited
 2 Flag House, 47 Brunswick Court
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 T +44.203.1740177
 F +44.203.2921693
 M +43.44.7799.037288
florian.schaubach@xal.com

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Date:
Project No:
Purpose of Issue:

Rogers Stirk Harbour & Ptns
 British Museum WCEC
 26th August 2011
 124020-00
 Construction C1

Type:
AL25

Luminaire Description: Recessed emergency LED for general areas

Manufacturer: Zumtobel
Manufacturing standard: EN 60 598
Catalogue Number:
Finish: White
Accessories:

Lamp Type: LED
Power: 5.4W
Lamp Manufacturer: Zumtobel
Colour/Beam: 4000K
Ballast/Transformer: Integral, DALI



ONLITE RESCLITE anti-panic, ceiling recessed



- I...I
- Ceiling cut-out 68 mm
- Includes polycarbonate gearbox for recessed ceiling installation
- Connecting lead between LED spot and control-gear box has strain-relief at both ends
- Strain-relief for mains supply lead moulded onto gearbox; tool-free installation
- Suitable for recessed installation in concrete casting surround (please order separately)



Order no.

Self contained with monitoring; white

RESCLITE ANTI-PANIC ED NT1 WH	42 177 072
RESCLITE ANTI-PANIC ED NT3 WH	42 177 073

Central power supply; white

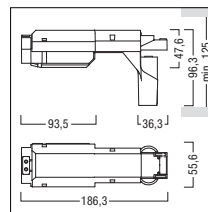
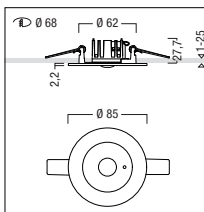
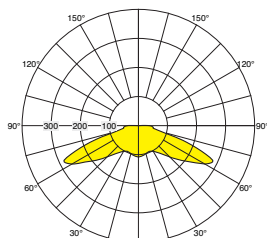
RESCLITE ANTI-PANIC ED DALI WH	42 177 075
RESCLITE ANTI-PANIC ED NSI WH	42 177 074

Self contained with monitoring; aluminium

RESCLITE ANTI-PANIC ED NT1 AL	42 177 076
RESCLITE ANTI-PANIC ED NT3 AL	42 177 077

Central power supply; aluminium

RESCLITE ANTI-PANIC ED DALI AL	42 177 079
RESCLITE ANTI-PANIC ED NSI AL	42 177 078



Locations:

Integrated into luminaire type AL1

Notes:

Contact:

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Type:
ALX-E1

Luminaire Description: Recessed emergency LED for general areas

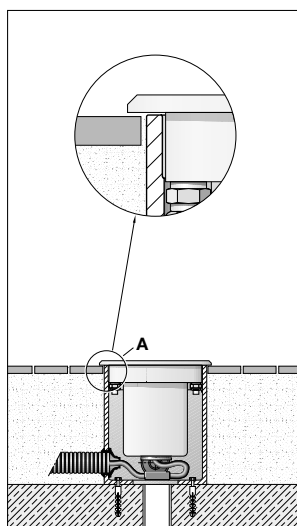
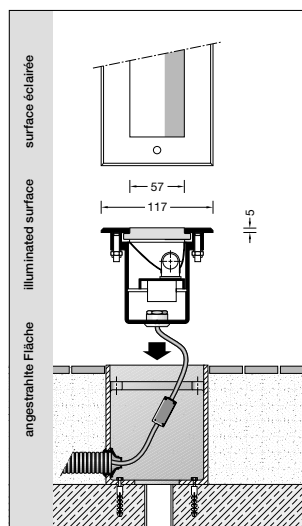
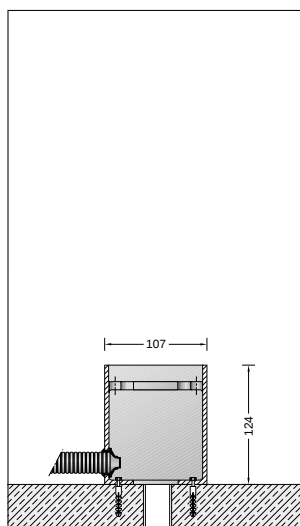
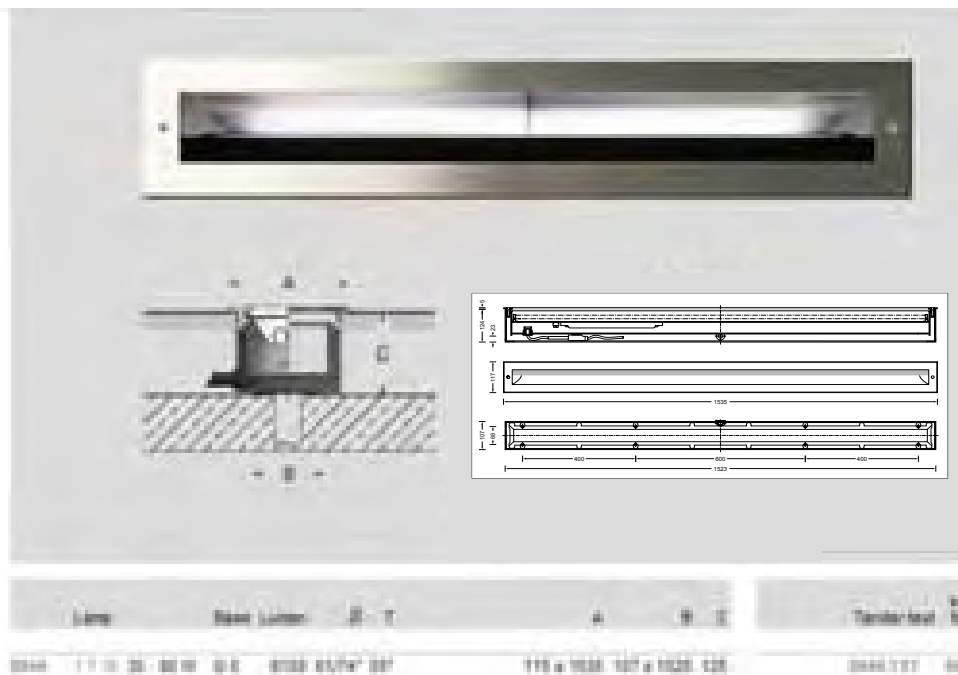
Manufacturer:	Bega	Lamp Type:	LED
Manufacturing standard:	EN 60 598	Power:	35W
Catalogue Number:	8644	Lamp Manufacturer:	Bega
Finish:	Silver	Colour/Beam:	4000K
Accessories:	Recessing Kit	Ballast/Transformer:	Integral, DALI

Locations:

External Exits & Escape Routes

Notes:

1. Where luminaire is shown on the drawings with an emergency lighting circuit reference ALX-E2 shall be connected to the central battery system.



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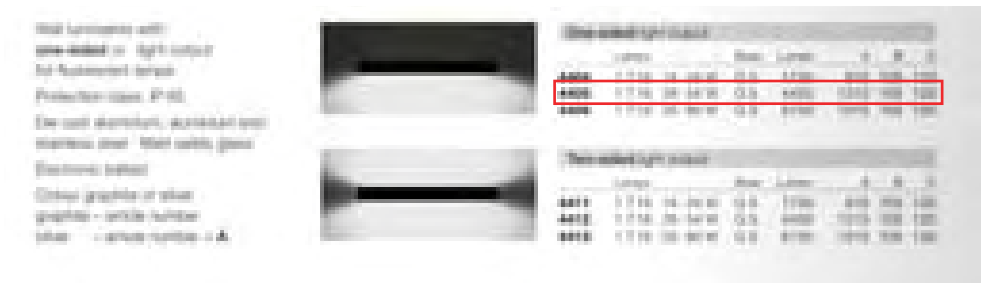
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Project:
Date:
Project No:
Purpose of Issue:

Rogers Stirk Harbour & Ptns
British Museum WCEC
26th August 2011
124020-00
Construction C1

Type:
ALX-E2

Luminaire Description: Recessed emergency LED for general areas

Manufacturer:	Bega	Lamp Type:	T5 HE CRI > 80
Manufacturing standard:	EN 60 598	Power:	28W
Catalogue Number:	4405A	Lamp Manufacturer:	Bega
Finish:	Aluminium	Colour/Beam:	4000K
Accessories:	Mounting Bracket	Ballast/Transformer:	Integral, DALI



- Locations:**
External Exits & Escape Routes
- Notes:**
- Luminaire to be bracket mounted to structure.
 - Where luminaire is shown on the drawings with an emergency lighting circuit reference ALX-E3 shall be connected to the central battery system.

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Luminaire Description: Recessed emergency LED for general areas

Manufacturer: iGuzzini - Linealuce LED

Manufacturing standard: EN 60 598

Catalogue Number: BB89

Finish: Aluminium

Accessories: **Mounting Brackets 5576**

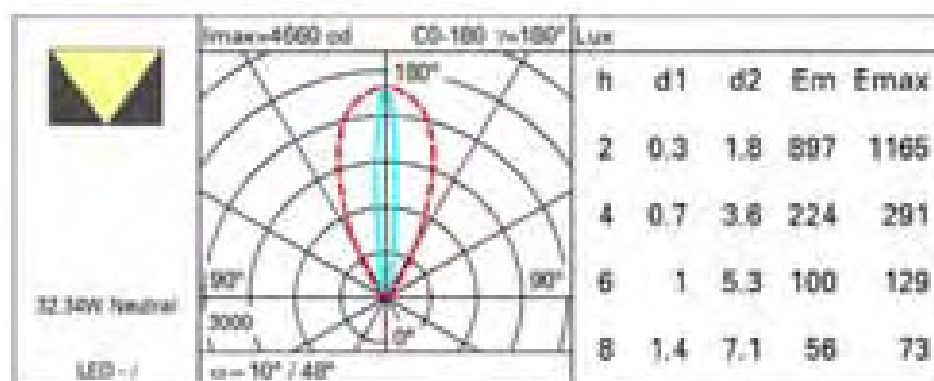
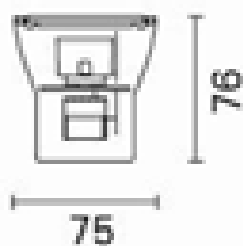
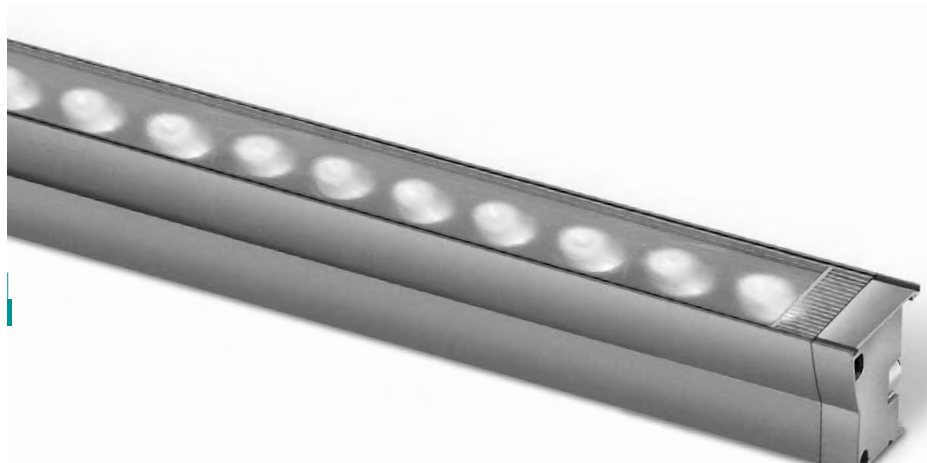
Lamp Type: LED

Power: 39W

Lamp Manufacturer: -

Colour/Beam: 4200K - Flood Optic

Ballast/Transformer: Integral, DALI



Locations:

External Facade

Notes:

1. Luminaire to be bracket mounted to structure.
2. Contractor to allow for 81No ALX-E4 and all associated wiring to be fixed in between facades. 1No luminaire to be fixed between each gridline at 5m centres on buildings 1, 2, 3 & 4 . 27 luminaires per floor, mounted on levels 6A, 6 & 5.

3. Mock up to be provided for visual assessment before procurement.

Contact:

Paul Fry
Phone: 01276 34168
Mobile: 07860 436386
Email: paul.fry@iguzzini.co.uk
iGuzzini Illuminazione UK LTD
Unit 3 Mitcham Industrial Estate
85 Streatham Road, MITCHAM
SURREY, CR4 2AP

Luminaire Description: Room In Use Luminaire

Manufacturer: Philip payne

Manufacturing standard: EN 60 598

Catalogue Number: UM2

Finish: RAL TBC by Architect

Accessories: -

Lamp Type:

Power:

Lamp Manufacturer:

Colour/Beam:

Ballast/Transformer:

T5

1x8W

Osram

4000K

electronic ballast

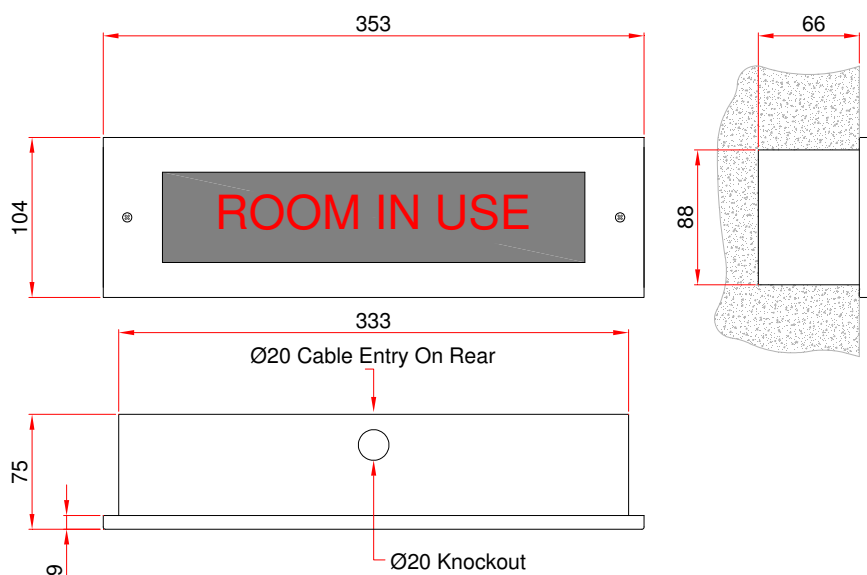
Product Type: 2618FF

Manufactured to meet Standards:

- EN 60598-1
- EN55015
- EN50082-1
- EN60555-2
- CE marked



Voltage Range	230 - 240v ac $\pm$ 10%	Overall Size	353mm x 104mm x 75mm
Frequency Range	50 / 60Hz	Mounting Position	Flush Wall Mounted
Supply Current	< 100 mA Peak	Weight	2.0 Kg
Lamp Type(s)	1 x 8W T5 Fluorescent	Recess Size	337mm x 92mm x 66mm deep
Operation Mode	Mains HF only	Ballast Lumen Factor	N/a
Operating Temperature	Min 0°C / Max +25°C	Emergency Mode	N/a
IP Rating	IP30	Battery Supply	N/a
		Finish	Gloss White as standard



Philip Payne Ltd

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Fax: 0121 711 2469e-mail: mail@p-payne.co.uk
<http://www.philippayne.co.uk>

Philip Payne Ltd registered in England No. 1361523



2618FF_3

Locations:

Science/Conservation

Notes:

1. Surface mountd versions to be provided for areas where recessing is not possible.

Contact:

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Project:
Date:
Project No:
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British Museum WCEC
26th August 2011
124020-00
Construction C1Type:
RIU

Luminaire Description: Inground uplights to perimeter trees

Manufacturer:	iGuzzini - Light up Walk	Lamp Type:	LED
Manufacturing standard:	EN 60 598	Power:	12 W
Catalogue Number:	BB39	Lamp Manufacturer:	-
Finish:	Stainless Steel	Colour/Beam:	3100K
Accessories:	Installation Housing: B910	Ballast/Transformer:	Integral



	Casing Colour 04		B901
	Cover plate for round outer casing for B901 Colour 00		B910
	Suction cup Colour 00		B916

Locations:

Notes:

Light Up Walk professional LED 12 x 1W warm white adjustable flood optic 0°-15°



Product code: BB36		
Technical description: Ground recessed luminaire for uplight with LED light sources. Monochromatic with 12x1W Warm White (3100K) LED circuit, ± 15° double adjustable optic, plastic lenses for FLOOD version and electronic control gear. Made of circular body, low outer casing and frame. The body and outer casing are made of cast aluminium with AISI 304 stainless steel frame. The outer casing must be ordered separately from the optical assembly. The optical assembly is closed on top by a tempered glass (thickness 15 mm) complete with silicone gasket compressed by the AISI 304 stainless steel frame. The lower section houses a decompression box with cascade connection, 6-pole terminal block and M24x1,5 stainless steel double cable clamp, suitable for cables with 7-16 mm diameter. The wiring section is connected to the optical assembly by a nickel-plated brass cable clamp M15x1. This makes it easier to open the upper glass by eliminating negative pressure inside the optical assembly and the pump effect on the supply cable. The body-optical assembly is equipped with a locking system having 2 stainless-steel captive screws on which 2 extruded-aluminium supports slide. The locking system ensures positioning and anchoring of the optical assembly to the outer casing. The acrylic painting of the body/optical assembly and outer casing ensures protection against UV rays and the external environment. The assembly formed of frame, optical assembly and outer casing guarantees 5000 Kg resistance against static load. All external screws are made of stainless steel A2.		
Installation: Recessed into the floor with outer casing. The top rim of the outer casing must not jut out from the floor surface (1 mm MAX). Outer casing upper diameter=289mm; lower diameter=397mm; h=125mm.		
Dimension: D=312mm - H=124mm		
Color Steel (13)		
Weight /		
Wiring: Luminaire provided with built-in electronic control gear.		
Technical Characteristics:	IP 67 Class II 850°C	Complies with EN605981 and pertinent regulations Complies with EN605981 and pertinent regulations
Quality seal:	 IK10	 F-mark
Notes: Complete with lamp. Outer case code B901 to be ordered separately. Accessories available: refractor for elliptical distribution of luminous flow, diffusing glass, chromatic filters, closing plug for outer casing and suction cup.		
I _{max} =0 cd/Klm		

Contact:

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Luminaire Description: Inground uplighting illuminating planting

Manufacturer:	Lumascape	Lamp Type:	LED
Manufacturing standard:	EN 60 598	Power:	1x6W
Catalogue Number:	LS393	Lamp Manufacturer:	-
Finish:	RAL TBC by Architect	Colour/Beam:	4000K
Accessories:	Diffused lens	Ballast/Transformer:	Integral

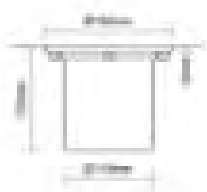
Datasheet

Project	Inground Planter Lighting		
Type		Symbol	
Revision			
Status			
Comments			

ORDER:
LS393LED
LS393 - LED 6W4 X H 84 W 21 Q 27 with accessory LLLS

Description

The LS393LED is a compact inground luminaire, utilizing an 6W LED(s) suit direct burial in soil or concrete. 6W high efficacy LED source. White (4000 K typ.) colour. HumanTouch is standard and limits glass temperature to below 65 °C. Borosilicate glass lens recessed 316 marine grade stainless steel brushed trim with Teflon coated screen and dynamic seal. Cable entry has 3 metres flexible cable complete with MicroAntiLeach™. Optical system is 40° wide beam that is aimable to 30° and can rotate 360° for LED. Body depth is 123 mm, bottom entry for integral driver giving overall fixture depth of 175mm. 24V dc Dimmable. Dimming will require 4 wires to each luminaire. Linear Spreader Lens.



Code Explanation
Direct Burial or Pre-Installation code - The luminaire is supplied to suit direct burial in soil or concrete.
LED Source code LED 6W4 - 6W high efficacy LED source. White (4000 K typ.) colour. HumanTouch is standard and limits glass temperature to below 65 °C.
Lens code X - Borosilicate glass lens
Cover code H - Recessed 316 marine grade stainless steel brushed trim with Teflon coated cover screen and dynamic seal.
Cable Entry code BE - The cable entry has 3 metres flexible cable complete with MicroAntiLeach™
Optical System code W - Optical system is 40° wide beam that is aimable to 30° and can rotate 360° for LED.
Installation Type & Body Depth code 21 - Body depth is 123 mm
Control Gear & Cable Entry Location code G - Bottom entry for integral driver giving overall fixture depth of 175mm.
Voltage code 27 - 24V dc Dimmable. Dimming will require 4 wires to each luminaire.

Accessories	Available Downloads
Accessory code LLLS	00P Files
Linear Spreader Lens.	LS393_LED_direct_123.pdf

Locations:

Notes:

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