

Dewsbury Arcade - Lighting Schedule

Job No: P3001705
Doc No: 1705-BDP-AD-XX-SH-E-00001
Issue: Contract Issue
Rev: C01
Date: 28/03/2024

Revision	Description	Issued by	Date	Reviewed
T01	For Tender	GK / JC	21/04/2023	CL / AR
C01	Contract Issue	JC	28/03/2024	AR

Authors

Giorgos Kourtelis
CEng MCIBSE MSL
Senior Lighting Designer

Authors

Joe Craig
Building Services Engineer

Date

28/03/2024

Approved

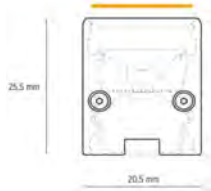
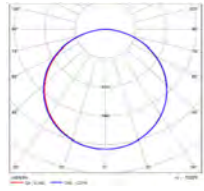
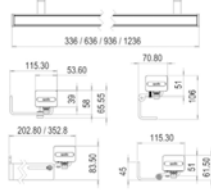
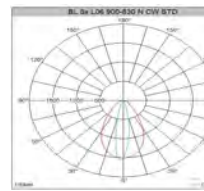
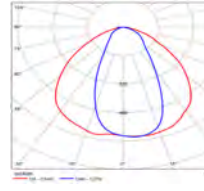
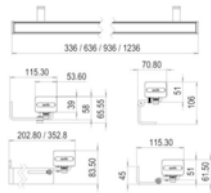
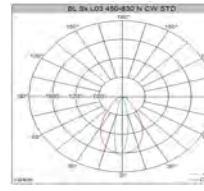
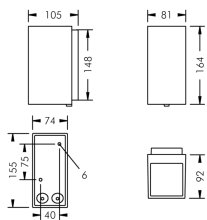
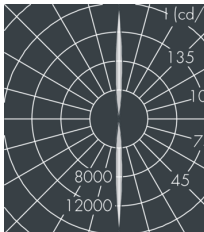
Chris Lowe
Lighting Associate

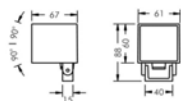
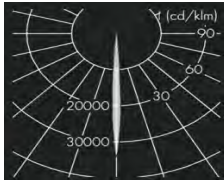
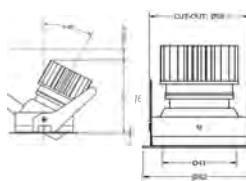
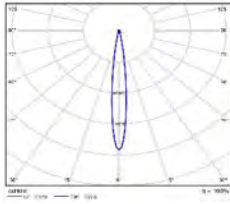
Approved

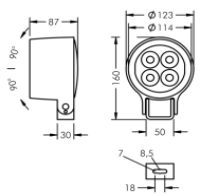
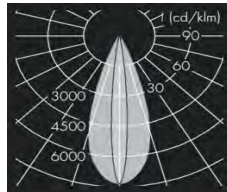
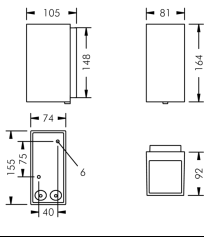
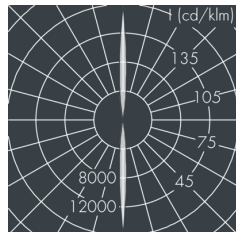
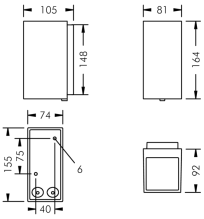
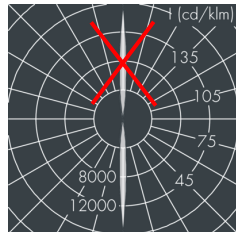
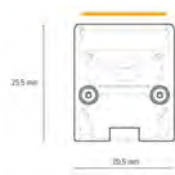
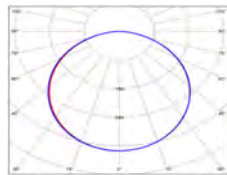
Andrew Rennox
Engineering Associate

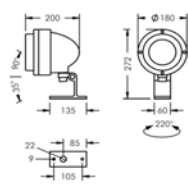
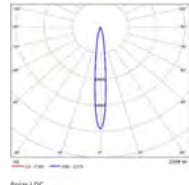
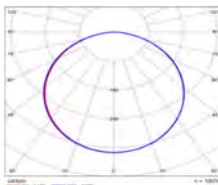
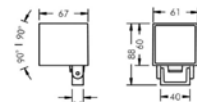
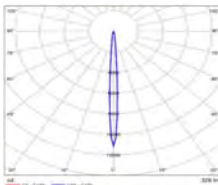
Date

28/03/2024

LIGHTING SCHEDULE															
Ref.	Image	Dimensions	Luminaire Information		Description	Manufacturer & Contact	Product range & Catalogue No.	Light Source & Technical		LED Data	Photometry	Control Protocol	Notes		
FAÇADE LIGHTING															
A1			Fixation type	surface mounted	Luminaire Description Linear and continuous LED tape within rigid profile	Manufacturer / Supplier LED-Linear (supplied by Architectural FX)		Luminaire Range:	Light source type (inc W):	LED	L LED lumen maintenance (L) @60Khrs	L80		Control Protocol DALI Broadcast	Additional Notes (if applicable) On site mock up to be provided for client consultant approval. Fitting to be surface mounted fixed (non adjustable). Should surface mounted adjustable is be requested by BDP following the on site mock up then this change would be subject to cost uplift. Fixing detail TBC by mock up. Remote DALI drivers to be provided.
			Length (mm):	Varies		Contact Details		Catalogue No	No. of Lamps/LEDs:	1	C Value (failure fraction)	0			
			Width (mm):	20.5		Chris Skelley		HEC 06 W929	Lumens per Lamp/LED:	270	F Value (combined failure = B+C)	10			
			Height (mm):	25.5		t.	xx	Accessories	LOR (%):		Chromaticity Variation (MacAdam ellipses) ≤:	3			
			Diameter ø (mm):	N/A		m.	07769 703190	TBC by manufacturer	Luminaire lumens:	270	Flicker - % Modulation	X			
			Recess depth (mm):	N/A	e.	cs@afx.lighting	Manufacturer Warranty	Connected Load (Circuit Watt):	6	Flicker - Frequency (Hz)	X				
			Finish:	Grey	www. www.led-linear.com		5 years	Efficacy - Luminaire lm/cW (LL/cW):	45.00						
IP rating:	67				CCT (K):	2900									
IK rating:	10				CRI:	96									
Indicative image - specification may vary.		Indicative image - specification may vary.		Weight (kg):	N/A										
A2			Fixation type	surface mounted	Luminaire Description Surface/wall mounted linear luminaire with a controlled beam of light supplied with a suitable bracket and a cowl	Manufacturer / Supplier ACDC Lighting		Luminaire Range:	Light source type (inc W):	LED	L LED lumen maintenance (L) @60Khrs	L80		Control Protocol DALI Broadcast	Additional Notes (if applicable) On site mock up to be provided for client consultant approval. Fitting to be surface mounted fixed (non adjustable). Should surface mounted adjustable is be requested by BDP following the on site mock up then this change would be subject to cost uplift. Fixing detail TBC by mock up. Remote DALI drivers to be provided.
			Length (mm):	636		Contact Details		Catalogue No	No. of Lamps/LEDs:	1	C Value (failure fraction)	0			
			Width (mm):	53.5		Paul King		L06 900-830 N SI CW STD 66	Lumens per Lamp/LED:	1020	F Value (combined failure = B+C)	10			
			Height (mm):	58		t.	xx	Accessories	LOR (%):	100.0%	Chromaticity Variation (MacAdam ellipses) ≤:	2			
			Diameter ø (mm):	N/A		m.	+44 7748 775 411	TBC by manufacturer	Luminaire lumens:	1020	Flicker - % Modulation	X			
			Recess depth (mm):	N/A	e.	paul.king@zumtobelgroup.com	Manufacturer Warranty	Connected Load (Circuit Watt):	20	Flicker - Frequency (Hz)	X				
			Finish:	Silver	www. https://www.acdcighting.com/		5 years	Efficacy - Luminaire lm/cW (LL/cW):	51.00						
IP rating:	66				CCT (K):	3000									
IK rating:	N/A				CRI:	80									
Indicative image - specification may vary.		Indicative image - specification may vary.		Weight (kg):	1.49										
A3			Fixation type	wall mounted	Luminaire Description Wall mounted linear luminaire to provide a wash of light to the existing Arcade signage. Luminaire to be mounted on straight arms and pointing towards the signage (angle to be confirmed with a mock-up)	Manufacturer / Supplier KEMPS Lighting		Luminaire Range:	Light source type (inc W):	LED	L LED lumen maintenance (L) @50Khrs	L80		Control Protocol DALI Broadcast	Additional Notes (if applicable) On site mock up to be provided for client consultant approval. Fitting to be surface mounted, fixed arms, adjustable luminaire. Arm length fixed at 200mm. Fixing detail TBC by mock up. Remote DALI drivers to be provided.
			Length (mm):	2520		Contact Details		REGIS 1	Lamp base (if applicable):	-	B Value (degradation fraction)	10			
			Width (mm):	N/A		Nick Rockliff		KL-REG1-M-30-90-D-O-67-TBC-S-2515	No. of Lamps/LEDs:	1	C Value (failure fraction)	0			
			Height (mm):	N/A		t.	xx	Accessories	Lumens per Lamp/LED:	876	F Value (combined failure = B+C)	10			
			Diameter ø (mm):	38		m.	07841 464827	TBC by manufacturer	LOR (%):	1.0%	Chromaticity Variation (MacAdam ellipses) ≤:	3			
			Recess depth (mm):	N/A	e.	NickRockliff@kempslighting.co m	Manufacturer Warranty	Luminaire lumens:	876	Flicker - % Modulation	X				
			Finish:	Silver	www. https://www.kempsarchitectural lighting.com/		5 years	Connected Load (Circuit Watt):	11	Flicker - Frequency (Hz)	X				
IP rating:	67				Efficacy - Luminaire lm/cW (LL/cW):	80									
IK rating:	N/A				CCT (K):	3000									
Weight (kg):	TBC				CRI:	90									
Indicative image - specification may vary.		Indicative image - specification may vary.													
A4			Fixation type	surface mounted	Luminaire Description Surface/wall mounted linear luminaire with a controlled narrow beam of light supplied with a suitable bracket and a cowl	Manufacturer / Supplier ACDC Lighting		Luminaire Range:	Light source type (inc W):	LED	L LED lumen maintenance (L) @50Khrs	L80		Control Protocol DALI Broadcast	Additional Notes (if applicable) On site mock up to be provided for client consultant approval. Fitting to be surface mounted fixed (non adjustable). Should surface mounted adjustable is be requested by BDP following the on site mock up then this change would be subject to cost uplift. Fixing detail TBC by mock up. Remote DALI drivers to be provided.
			Length (mm):	336		Contact Details		Catalogue No	No. of Lamps/LEDs:	1	C Value (failure fraction)	0			
			Width (mm):	53.5		Paul King		L03 450-830 N SI CW STD 66	Lumens per Lamp/LED:	510	F Value (combined failure = B+C)	10			
			Height (mm):	58		t.	xx	Accessories	LOR (%):	100.0%	Chromaticity Variation (MacAdam ellipses) ≤:	2			
			Diameter ø (mm):	N/A		m.	+44 7748 775 411	TBC by manufacturer	Luminaire lumens:	510	Flicker - % Modulation	X			
			Recess depth (mm):	N/A	e.	paul.king@zumtobelgroup.com	Manufacturer Warranty	Connected Load (Circuit Watt):	10	Flicker - Frequency (Hz)	X				
			Finish:	Silver	www. https://www.acdcighting.com/		5 years	Efficacy - Luminaire lm/cW (LL/cW):	51.00						
IP rating:	66				CCT (K):	3000									
IK rating:	N/A				CRI:	80									
Indicative image - specification may vary.		Indicative image - specification may vary.		Weight (kg):	1										
A5			Fixation type	wall mounted	Luminaire Description Wall mounted LED luminaire with direct and indirect narrow beam light distribution	Manufacturer / Supplier Meyer Lighting		Luminaire Range:	Light source type (inc W):	LED	L LED lumen maintenance (L) @60Khrs	L90		Control Protocol DALI Broadcast	Additional Notes (if applicable)
			Length (mm):	81		Contact Details		Gemini 2	Lamp base (if applicable):	-	B Value (degradation fraction)	B10			
			Width (mm):	105		Howard Lawrence		8 338 151 108	No. of Lamps/LEDs:	8	C Value (failure fraction)	0			
			Height (mm):	164		t.	01489 581002	Accessories	Lumens per Lamp/LED:	174	F Value (combined failure = B+C)	10			
			Diameter ø (mm):	N/A		m.	07885 674 299	TBC by manufacturer	LOR (%):		Chromaticity Variation (MacAdam ellipses) ≤:	2			
			Recess depth (mm):	N/A	e.	Howard@commercial-lighting.co.uk	Manufacturer Warranty	Luminaire lumens:	1395	Flicker - % Modulation	X				
			Finish:	Silver Grey	www. www.meyer-lighting.com		5 years	Connected Load (Circuit Watt):	20	Flicker - Frequency (Hz)	X				
IP rating:	65				Efficacy - Luminaire lm/cW (LL/cW):	70									
IK rating:	08				CCT (K):	3000									
Weight (kg):	1.2				CRI:	80									
Indicative image - specification may vary.		Indicative image - specification may vary.													

Ref.	Image	Dimensions	Luminaire Information		Description	Manufacturer & Contact		Product range & Catalogue No.		Light Source & Technical		LED Data		Photometry	Control Protocol	Notes			
A6			Fixation type	surface mounted	Luminaire Description Surface mounted adjustable projector, with narrow beam light distribution	Manufacturer / Supplier		Luminaire Range:	Light source type (inc W):	LED	L LED lumen maintenance (L) @50Khrs	LXX		Control Protocol DALI Broadcast	Additional Notes (if applicable) On site mock up to be provided for client consultant approval. Fixing detail TBC by mock up. Remote DALI drivers to be provided.				
			Length (mm):	61		Meyer Lighting		Nanocube	Lamp base (if applicable):	-	B Value (degradation fraction)	0							
			Width (mm):	67		Contact Details		Catalogue No	No. of Lamps/LEDs:	1	C Value (failure fraction)	0							
			Height (mm):	88		Howard Lawrence		:8 308 056 018	Lumens per Lamp/LED:	326	F Value (combined failure = B+C)	0							
			Diameter ø (mm):	N/A		t.	01489 581002	Accessories	LOR (%):		Chromaticity Variation (MacAdam ellipses) ≤:	X							
			Recess depth (mm):	N/A	Location/Mounting Description Accent illumination to arch face detail from ledge mounted narrow beam mini projector	m.	07885 674 299	TBC by manufacturer	Luminaire lumens:	326	Flicker - % Modulation	X		Note: Where dimming is specified: luminaires to achieve 0.1% Flicker free.					
			Finish:	Silver Grey		e.	Howard@commercial-lighting.co.uk	Manufacturer Warranty	Connected Load (Circuit Watt):	5	Flicker - Frequency (Hz)	X							
			IP rating:	65		www.	www.meyer-lighting.com	5 years	Efficacy - Luminaire lm/cW (LL/cW):	65.20									
			IK rating:	7					CCT (K):	3000									
	Weight (kg):	0.47					CRI:	80											
Indicative image - specification may vary.		Indicative image - specification may vary.																	
A7 (OMITTED)			Fixation type	surface mounted	Luminaire Description Illuminated signage DEWSBURY ARCADE	Manufacturer / Supplier		Luminaire Range:	Light source type (inc W):-	LED	L LED lumen maintenance (L) @50Khrs	LXX	N/A	Control Protocol DALI Broadcast	Additional Notes (if applicable)				
			Length (mm):-	N/A		The Light Lab		Glowform	Lamp base (if applicable):-	-	B Value (degradation fraction)	0							
			Width (mm):-	TBC		Contact Details		Catalogue No	No. of Lamps/LEDs:-	±	C Value (failure fraction)	0							
			Height (mm):-	TBC		Phil Riley		Bespoke	Lumens per Lamp/LED:-	±	F Value (combined failure = B+C)-	0							
			Diameter ø (mm):-	N/A		t.	020 7278 2678	Accessories	LOR (%):-	1.0%	Chromaticity Variation (MacAdam ellipses) ≤:-	X				Note: Where dimming is specified: luminaires to achieve 0.1% Flicker free.			
			Recess depth (mm):-	N/A	Location/Mounting Description Illuminated signage for both entrances. Currently drawings show indicative location for circuiting purposes only. Contractor should liaise with lighting manufacturer to develop signage proposal based on 'Glow form' product family.	m.	07812 008835	TBC by manufacturer	Luminaire lumens:-	0.01	Flicker—% Modulation	X							
			Finish:-	Acrylic		e.	phil@thelightlab.com	Manufacturer Warranty	Connected Load (Circuit Watt):-	±	Flicker—Frequency (Hz)	X							
			IP rating:-	65		www.	https://www.thelightlab.com/	5 years	Efficacy—Luminaire lm/cW (LL/cW):-	0.01									
			IK rating:-	N/A					CCT (K):-	xx									
	Weight (kg):-	TBC					CRI:-	xx											
Indicative image—specification may vary.		Indicative image—specification may vary.																	
A8			Fixation type	TBC	Luminaire Description Recessed and adjustable LED downlights with narrow beam light distribution	Manufacturer / Supplier		Luminaire Range:	Light source type (inc W):	LED	L LED lumen maintenance (L) @50Khrs	L80		Control Protocol DALI Broadcast	Additional Notes (if applicable)				
			Length (mm):	N/A		Phos Lighting		Eyeconic	Lamp base (if applicable):	-	B Value (degradation fraction)	10							
			Width (mm):	N/A		Contact Details		Catalogue No	No. of Lamps/LEDs:	1	C Value (failure fraction)	0							
			Height (mm):	70		Mike Moreton		EY-MTA-WT/B1/WT/BT-STD4 -30-90-10-350	Lumens per Lamp/LED:	378	F Value (combined failure = B+C)	10				Note: Where dimming is specified: luminaires to achieve 0.1% Flicker free.			
			Diameter ø (mm):	62		t.	xx	Accessories	LOR (%):	100.0%	Chromaticity Variation (MacAdam ellipses) ≤:	2							
			Recess depth (mm):	79 (min)	Location/Mounting Description Integrated into the gate structure to illuminate the area in front of the gate	m.	+44 (0)7827 665627	TBC by manufacturer	Luminaire lumens:	378	Flicker - % Modulation	X							
			Finish:	White		e.	Mike@phos.co.uk	Manufacturer Warranty	Connected Load (Circuit Watt):	5.9	Flicker - Frequency (Hz)	X							
			IP rating:	65		www.	phos.co.uk	5 years	Efficacy - Luminaire lm/cW (LL/cW):	64									
			IK rating:	N/A					CCT (K):	3000									
	Weight (kg):						CRI:	90											
Indicative image - specification may vary.		Indicative image - specification may vary.																	
A8E	As above.	As above.	As above.	As above but linked with central battery system	As above.	Catalogue No.:	As above.	As above.	As above.	As above.	As above.	As above.	As above.	As above.	Additional Notes (if applicable)				

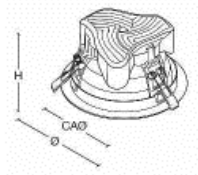
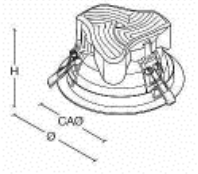
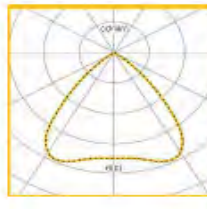
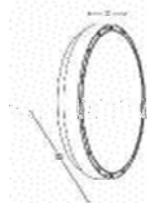
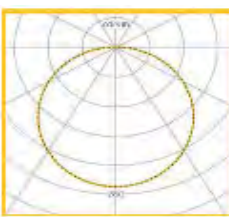
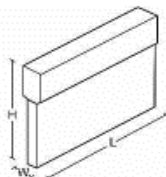
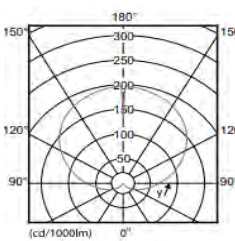
Dewsbury Arcade P3001705														Lighting Schedule		BDP.		
Ref.	Image	Dimensions	Luminaire Information		Description	Manufacturer & Contact		Product range & Catalogue No.		Light Source & Technical		LED Data		Photometry	Control Protocol	Notes		
ARCADE LIGHTING																		
B1			Fixation type	surface mounted	Luminaire Description Surface mounted LED projector with elliptical light distribution	Manufacturer / Supplier		Luminaire Range:		Light source type (inc W):		LED	L LED lumen maintenance (L) @50Khrs	L90		DALI Broadcast	Additional Notes (if applicable) On site mock up to be provided for client consultant approval. Fixing detail TBC by mock up.	
			Length (mm):	160		Meyer Lighting		Monospot S2		Lamp base (if applicable):		-	B Value (degradation fraction)	10				
			Width (mm):	87		Contact Details		Catalogue No		No. of Lamps/LEDs:		1	C Value (failure fraction)	0				
			Height (mm):	123		Howard Lawrence		8992066128		Lumens per Lamp/LED:		506	F Value (combined failure = B+C)	10				
			Diameter ø (mm):	123		t.	01489 581002	Accessories		LOR (%):		100.0%	Chromaticity Variation (MacAdam ellipses) ≤:	2				
			Recess depth (mm):	N/A	Location/Mounting Description Accent illumination to arch face detail from ledge mounted elliptical beam mini projector	m.	07885 674 299	TBC by manufacturer		Luminaire lumens:		506	Flicker - % Modulation	X				
			Finish:	White		e.	Howard@commercial-lighting.co.uk	Manufacturer Warranty		Connected Load (Circuit Watt):		10	Flicker - Frequency (Hz)	X				
IP rating:	65	www.	www.meyer-lighting.com	5 years		Efficacy - Luminaire lm/cW (LL/cW):		50.60	CCT (K):	3000								
IK rating:	8					CRI:		80										
Indicative image - specification may vary.		Indicative image - specification may vary.		Weight (kg):	1.8													
B2			Fixation type	wall mounted	Luminaire Description Wall mounted LED luminaire with direct and indirect narrow beam light distribution	Manufacturer / Supplier		Luminaire Range:		Light source type (inc W):		LED	L LED lumen maintenance (L) @50Khrs	L90		DALI Broadcast	Additional Notes (if applicable)	
			Length (mm):	81		Meyer Lighting		Gemini 2		Lamp base (if applicable):		-	B Value (degradation fraction)	B10				
			Width (mm):	105		Contact Details		Catalogue No		No. of Lamps/LEDs:		8	C Value (failure fraction)	0				
			Height (mm):	164		Howard Lawrence		8 338 141 108		Lumens per Lamp/LED:		174	F Value (combined failure = B+C)	10				
			Diameter ø (mm):	N/A		t.	01489 581002	Accessories		LOR (%):		88.0%	Chromaticity Variation (MacAdam ellipses) ≤:	2				
			Recess depth (mm):	N/A	Location/Mounting Description Pilaster mounted luminaires with up and down light effect	m.	07885 674 299	TBC by manufacturer		Luminaire lumens:		1395	Flicker - % Modulation	X				
			Finish:	Black		e.	Howard@commercial-lighting.co.uk	Manufacturer Warranty		Connected Load (Circuit Watt):		20	Flicker - Frequency (Hz)	X				
			IP rating:	65		www.	www.meyer-lighting.com	5 years		Efficacy - Luminaire lm/cW (LL/cW):		70	CCT (K):	3000				
			IK rating:	08						CRI:		80						
			Weight (kg):	1.2														
Indicative image - specification may vary.		Indicative image - specification may vary.																
B3			Fixation type	wall mounted	Luminaire Description Wall mounted LED luminaire with direct narrow beam light distribution	Manufacturer / Supplier		Luminaire Range:		Light source type (inc W):		LED	L LED lumen maintenance (L) @50Khrs	L90		DALI Broadcast	Additional Notes (if applicable)	
			Length (mm):	81		Meyer Lighting		Gemini 2		Lamp base (if applicable):		-	B Value (degradation fraction)	B10				
			Width (mm):	105		Contact Details		Catalogue No		No. of Lamps/LEDs:		8	C Value (failure fraction)	0				
			Height (mm):	164		Howard Lawrence		8 338 141 108 (DLOR only)		Lumens per Lamp/LED:		174	F Value (combined failure = B+C)	10				
			Diameter ø (mm):	N/A		t.	01489 581002	Accessories		LOR (%):		87.0%	Chromaticity Variation (MacAdam ellipses) ≤:	2				
			Recess depth (mm):	N/A	Location/Mounting Description Pilaster mounted luminaires with down light effect	m.	07885 674 299	TBC by manufacturer		Luminaire lumens:		1395	Flicker - % Modulation	X				
			Finish:	Black		e.	Howard@commercial-lighting.co.uk	Manufacturer Warranty		Connected Load (Circuit Watt):		20	Flicker - Frequency (Hz)	X				
			IP rating:	65		www.	www.meyer-lighting.com	5 years		Efficacy - Luminaire lm/cW (LL/cW):		70	CCT (K):	3000				
			IK rating:	08						CRI:		80						
			Weight (kg):	1.2														
Indicative image - specification may vary.		Indicative image - specification may vary.																
B4			Fixation type	surface mounted	Luminaire Description Linear and continuous LED rigid lighting system with opal cover	Manufacturer / Supplier		Luminaire Range:		Light source type (inc W):		LED	L LED lumen maintenance (L) @60Khrs	L80		DALI Broadcast	Additional Notes (if applicable) On site mock up to be provided for client consultant approval. Fitting to be surface mounted adjustable. Fixing detail TBC by mock up. Remote DALI drivers to be provided.	
			Length (mm):	Varies		LED-Linear (supplied by Architectural FX)		ADONIS ARCHITECTURAL		Lamp base (if applicable):		-	B Value (degradation fraction)	10				
			Width (mm):	20.5		Contact Details		Catalogue No		No. of Lamps/LEDs:		1	C Value (failure fraction)	0				
			Height (mm):	25.5		Chris Skelley		HEC 06 W929		Lumens per Lamp/LED:		280	F Value (combined failure = B+C)	10				
			Diameter ø (mm):	N/A		t.	xx	Accessories		LOR (%):		64.5%	Chromaticity Variation (MacAdam ellipses) ≤:	3				
			Recess depth (mm):	N/A	Location/Mounting Description Luminaire lengths to be confirmed from the setting out drawings. Appropriate adjustable mounting bracket to be specified	m.	07769 703190	TBC by manufacturer		Luminaire lumens:		280	Flicker - % Modulation	X				
			Finish:	White		e.	cs@afx.lighting	Manufacturer Warranty		Connected Load (Circuit Watt):		6	Flicker - Frequency (Hz)	X				
			IP rating:	67		www.	www.led-linear.com	5 years		Efficacy - Luminaire lm/cW (LL/cW):		47.00	CCT (K):	2900				
			IK rating:	10						CRI:		90						
			Weight (kg):	N/A														
Indicative image - specification may vary.		Indicative image - specification may vary.																
B5			Fixation type	ceiling recessed	Luminaire Description Ceiling recessed LED luminaire with narrow beam light distribution. Note: If recess depth isn't sufficient, a surface mounted version of the downlight shall be used.	Manufacturer / Supplier		Luminaire Range:		Light source type (inc W):		LED	L LED lumen maintenance (L) @60Khrs	L90		DALI Broadcast	Additional Notes (if applicable) Recess depth requirements to be verified on site prior to ordering.	
			Length (mm):	N/A		ACDC Lighting		ORA RC30I		Lamp base (if applicable):		-	B Value (degradation fraction)	10				
			Width (mm):	N/A		Contact Details		Catalogue No		No. of Lamps/LEDs:		1	C Value (failure fraction)	0				
			Height (mm):	180		Paul King		3000-830 N WH 65 HFX 21034994		Lumens per Lamp/LED:		3000	F Value (combined failure = B+C)	10				
			Diameter ø (mm):	220		t.	xx	Accessories		LOR (%):		74.5%	Chromaticity Variation (MacAdam ellipses) ≤:	3				
			Recess depth (mm):	TBC by manufacturer	Location/Mounting Description Next to entrances sheltered part of the Arcade	m.	+44 7748 775 411	TBC by manufacturer		Luminaire lumens:		2231	Flicker - % Modulation	X				
			Finish:	White		e.	paul.king@zumtobelgroup.com	Manufacturer Warranty		Connected Load (Circuit Watt):		34	Flicker - Frequency (Hz)	X				
IP rating:	65	www.	https://www.acdcighting.com/	5 years		Efficacy - Luminaire lm/cW (LL/cW):		65.62	CCT (K):	3000								
IK rating:	N/A					CRI:		80										
Indicative image - specification may vary.		Indicative image - specification may vary.		Weight (kg):	2.5													
B5E	As above.	As above.	As above.		As above but linked with central battery system	As above.	Catalogue No.:		As above.		As above.	As above.	As above.	As above.	As above.	Additional Notes (if applicable)		

Dewsbury Arcade P3001705																	Lighting Schedule		BDP.				
Ref.	Image	Dimensions	Luminaire Information		Description	Manufacturer & Contact		Product range & Catalogue No.		Light Source & Technical		LED Data		Photometry	Control Protocol	Notes							
B6			Fixation type	surface mounted	Luminaire Description Surface mounted LED projector with narrow beam light distribution	Manufacturer / Supplier		Luminaire Range:		Light source type (inc W):	LED	L LED lumen maintenance (L) @50Khrs	L90		Control Protocol	Additional Notes (if applicable)							
			Length (mm):	N/A		Meyer Lighting		Nightspot A2		Lamp base (if applicable):	-	B Value (degradation fraction)	10		DALI Broadcast	Note: Where dimming is specified: luminaires to achieve 0.1% Flicker free.	Design solution requires omission of existing non-heritage pendant luminaires to deliver the desired lit effect.						
			Width (mm):	200		Contact Details		Catalogue No		No. of Lamps/LEDs:	1	C Value (failure fraction)	0										
			Height (mm):	272		Howard Lawrence		8 983 166 118		Lumens per Lamp/LED:	2308	F Value (combined failure = B+C)	10										
			Diameter ø (mm):	180		t.	01489 581002	Accessories		LOR (%):	100.0%	Chromaticity Variation (MacAdam ellipses) ≤:	2										
			Recess depth (mm):	N/A	Location/Mounting Description Mounted on existing metalwork of the Arcade to provide functional lighting to ground floor	m.	07885 674 299	TBC by manufacturer		Luminaire lumens:	2308	Flicker - % Modulation	X										
			Finish:	White		e.	Howard@commercial-lighting.co.uk	Manufacturer Warranty		Connected Load (Circuit Watt):	28	Flicker - Frequency (Hz)	X										
			IP rating:	67		www.	www.meyer-lighting.com	5 years		Efficacy - Luminaire lm/cW (LL/cW):	82.43												
			IK rating:	8				CCT (K):	3000														
			Weight (kg):	2.5				CRI:	80														
Indicative image - specification may vary.		Indicative image - specification may vary.																					
B6E	As above.	As above.	As above.		As above but linked with central battery system	As above.		Catalogue No.:		As above.		As above.		As above.	As above.	Additional Notes (if applicable)							
B8			Fixation type	surface mounted	Luminaire Description Continuous and linear LED lighting system with diffused cover	Manufacturer / Supplier		Luminaire Range:		Light source type (inc W):	LED	L LED lumen maintenance (L) @60Khrs	L80		Control Protocol	Additional Notes (if applicable)							
			Length (mm):	Varies		LED-Linear (supplied by Architectural FX)		ADONIS ARCHITECTURAL		Lamp base (if applicable):	-	B Value (degradation fraction)	10		DALI Broadcast	Note: Where dimming is specified: luminaires to achieve 0.1% Flicker free.	On site mock up to be provided for client consultant approval. Fitting to be surface mounted adjustable. Fixing detail TBC by mock up. Remote DALI drivers to be provided.						
			Width (mm):	20.5		Contact Details		Catalogue No		No. of Lamps/LEDs:	1	C Value (failure fraction)	0										
			Height (mm):	25.5		Chris Skelley		HEC 06 W929		Lumens per Lamp/LED:	270	F Value (combined failure = B+C)	10										
			Diameter ø (mm):	N/A	Location/Mounting Description Lighting system to be integrated within window reveal to provide a soft glow upwards. Luminaire to be aimed towards the windows at 45 degrees (TBC with a mock-up)	t.	xx	Accessories		LOR (%):	63.0%	Chromaticity Variation (MacAdam ellipses) ≤:	3										
			Recess depth (mm):	N/A		m.	07769 703190	TBC by manufacturer		Luminaire lumens:	170.1	Flicker - % Modulation	X										
			Finish:	White		e.	cs@afx.lighting	Manufacturer Warranty		Connected Load (Circuit Watt):	6	Flicker - Frequency (Hz)	X										
			IP rating:	67		www.	www.led-linear.com	5 years		Efficacy - Luminaire lm/cW (LL/cW):	28.35												
			IK rating:	10				CCT (K):	2900														
			Weight (kg):	N/A				CRI:	90														
Indicative image - specification may vary.		Indicative image - specification may vary.																					
B9			Fixation type	surface mounted	Luminaire Description Surface mounted and adjustable LED projector with very narrow beam light distribution.	Manufacturer / Supplier		Luminaire Range:		Light source type (inc W):	LED	L LED lumen maintenance (L) @50Khrs	L90		Control Protocol	Additional Notes (if applicable)							
			Length (mm):	67		Meyer Lighting		Nanocube		Lamp base (if applicable):	-	B Value (degradation fraction)	10		DALI Broadcast	Note: Where dimming is specified: luminaires to achieve 0.1% Flicker free.	On site mock up to be provided for client consultant approval. Fixing detail TBC by mock up. Remote DALI drivers to be provided.						
			Width (mm):	61	Remote DALI driver will be required.	Contact Details		Catalogue No		No. of Lamps/LEDs:	1	C Value (failure fraction)	0										
			Height (mm):	88		Howard Lawrence		8 308 066 018		Lumens per Lamp/LED:	326	F Value (combined failure = B+C)	10										
			Diameter ø (mm):	N/A		t.	01489 581002	Accessories		LOR (%):	100.0%	Chromaticity Variation (MacAdam ellipses) ≤:	3										
			Recess depth (mm):	N/A		m.	07885 674 299	TBC by manufacturer		Luminaire lumens:	326	Flicker - % Modulation	X										
			Finish:	White	Location/Mounting Description To be mounted at ledge and illuminate the decorated trusses.	e.	Howard@commercial-lighting.co.uk	Manufacturer Warranty		Connected Load (Circuit Watt):	5	Flicker - Frequency (Hz)	X										
			IP rating:	65		www.	www.meyer-lighting.com	5 years		Efficacy - Luminaire lm/cW (LL/cW):	65.20												
			IK rating:	7				CCT (K):	3000														
			Weight (kg):	0.47				CRI:	80														
Indicative image - specification may vary.		Indicative image - specification may vary.																					

Dewsbury Arcade
P3001705

Lighting Schedule

BDP.

Ref.	Image	Dimensions	Luminaire Information		Description	Manufacturer & Contact		Product range & Catalogue No.		Light Source & Technical		LED Data		Photometry	Control Protocol	Notes	
UNITS & BoH AREAS																	
C1			Fixation type	ceiling recessed	Luminaire Description Recessed LED downlight with cast aluminium heat sink	Manufacturer / Supplier		Luminaire Range:		Light source type (inc W):	LED	L LED lumen maintenance (L) @50Khrs	LXX		Control Protocol	Additional Notes (if applicable) Note: Where dimming is specified: luminaires to achieve 0.1% Flicker free.	
			Length (mm):			Whitecroft Lighting		Espirit LED		Lamp base (if applicable):	-	B Value (degradation fraction)	0		ON/OFF		
			Width (mm):			Contact Details		Catalogue No		No. of Lamps/LEDs:	1	C Value (failure fraction)	0				
			Height (mm):	99.1		Tim Clark		ESLH14K		Lumens per Lamp/LED:	1	F Value (combined failure = B+C)	0				
			Diameter ø (mm):	192		t.	xx	Accessories		LOR (%):	100.0%	Chromaticity Variation (MacAdam ellipses) ≤:	X				
			Recess depth (mm):			Location/Mounting Description		m. 07711 053864		xx	Luminaire lumens:	1071	Flicker - % Modulation	X			
			Finish:	White		e. tim.clark@whitecroftlight.com		Manufacturer Warranty		Connected Load (Circuit Watt):	10.1	Flicker - Frequency (Hz)	X				
			IP rating:	0		www. www.whitecroftlighting.com		5 years		Efficacy - Luminaire lm/cW (LL/cW):	106.00						
			IK rating:							CCT (K):	xx						
			Weight (kg):	1						CRI:	80						
C1E	As above.	As above.	As above.		As above but linked with central battery system	As above.		Catalogue No.:		As above.		As above.		As above.	As above.	Additional Notes (if applicable)	
C2			Fixation type	ceiling recessed	Luminaire Description Recessed LED downlight with cast aluminium heat sink	Manufacturer / Supplier		Luminaire Range:		Light source type (inc W):	LED	L LED lumen maintenance (L) @50Khrs	LXX		Control Protocol	Additional Notes (if applicable) Note: Where dimming is specified: luminaires to achieve 0.1% Flicker free.	
			Length (mm):			Whitecroft Lighting		Espirit LED		Lamp base (if applicable):	-	B Value (degradation fraction)	0		ON/OFF		
			Width (mm):			Contact Details		Catalogue No		No. of Lamps/LEDs:	1	C Value (failure fraction)	0				
			Height (mm):	99.1		Tim Clark		ESLH24K		Lumens per Lamp/LED:	1	F Value (combined failure = B+C)	0				
			Diameter ø (mm):	192		t.	xx	Accessories		LOR (%):	100.0%	Chromaticity Variation (MacAdam ellipses) ≤:	X				
			Recess depth (mm):			Location/Mounting Description		m. 07711 053864		xx	Luminaire lumens:	1940	Flicker - % Modulation	X			
			Finish:	White		e. tim.clark@whitecroftlight.com		Manufacturer Warranty		Connected Load (Circuit Watt):	17.3	Flicker - Frequency (Hz)	X				
			IP rating:	0		www. www.whitecroftlighting.com		5 years		Efficacy - Luminaire lm/cW (LL/cW):	112.00						
			IK rating:							CCT (K):	xx						
			Weight (kg):	1						CRI:	80						
C2E	As above.	As above.	As above.		As above but linked with central battery system	As above.		Catalogue No.:		As above.		As above.		As above.	As above.	Additional Notes (if applicable)	
D			Fixation type	wall mounted	Luminaire Description Surface Mounted or Recessed circular IP44 LED bulkhead luminaire	Manufacturer / Supplier		Luminaire Range:		Light source type (inc W):	LED	L LED lumen maintenance (L) @50Khrs	LXX		Control Protocol	Additional Notes (if applicable) Note: Where dimming is specified: luminaires to achieve 0.1% Flicker free.	
			Length (mm):			Whitecroft Lighting		Kolo Surface		Lamp base (if applicable):	-	B Value (degradation fraction)	0		ON/OFF		
			Width (mm):			Contact Details		Catalogue No		No. of Lamps/LEDs:	1	C Value (failure fraction)	0				
			Height (mm):	95		Tim Clark		K4H4274KS		Lumens per Lamp/LED:	1	F Value (combined failure = B+C)	0				
			Diameter ø (mm):	400		t.	xx	Accessories		LOR (%):	100.0%	Chromaticity Variation (MacAdam ellipses) ≤:	X				
			Recess depth (mm):			Location/Mounting Description		m. 07711 053864		xx	Luminaire lumens:	2790	Flicker - % Modulation	X			
			Finish:	Silver		e. tim.clark@whitecroftlight.com		Manufacturer Warranty		Connected Load (Circuit Watt):	131	Flicker - Frequency (Hz)	X				
			IP rating:	44		www. www.whitecroftlighting.com		5 years		Efficacy - Luminaire lm/cW (LL/cW):	21.30						
			IK rating:							CCT (K):	4000						
			Weight (kg):	3.4						CRI:	80						
DE	As above.	As above.	As above.		As above but linked with central battery system	As above.		Catalogue No.:		As above.		As above.		As above.	As above.	Additional Notes (if applicable)	
EX			Fixation type	TBC	Luminaire Description Self-contained LED maintained emergency sign luminaire	Manufacturer / Supplier		Luminaire Range:		Light source type (inc W):	LED	L LED lumen maintenance (L) @50Khrs	LXX		Control Protocol	Additional Notes (if applicable) Note: Where dimming is specified: luminaires to achieve 0.1% Flicker free.	
			Length (mm):	330		Whitecroft Lighting		xx		Lamp base (if applicable):	xx	B Value (degradation fraction)	0		ON/OFF		
			Width (mm):	45		Contact Details		Catalogue No		No. of Lamps/LEDs:	xx	C Value (failure fraction)	0				
			Height (mm):	250		Tim Clark		EESM30		Lumens per Lamp/LED:	xx	F Value (combined failure = B+C)	0				
			Diameter ø (mm):			t.	xx	Accessories		LOR (%):	xx	Chromaticity Variation (MacAdam ellipses) ≤:	X				
			Recess depth (mm):			Location/Mounting Description		m. 07711 053864		xx	Luminaire lumens:	xx	Flicker - % Modulation	X			
			Finish:			e. tim.clark@whitecroftlight.com		Manufacturer Warranty		Connected Load (Circuit Watt):	xx	Flicker - Frequency (Hz)	X				
			IP rating:	0		www. www.whitecroftlighting.com		5 years		Efficacy - Luminaire lm/cW (LL/cW):	xx						
			IK rating:							CCT (K):	4000						
			Weight (kg):	2.5						CRI:	xx						
EE			Fixation type	suspended	Luminaire Description Stand alone recessed or surface mounted white high performance LED emergency sign luminaire, complete with charge indicator, driver, charger and battery, capable of operation in non maintained mode.	Manufacturer / Supplier		Luminaire Range:		Light source type (inc W):	LED	L LED lumen maintenance (L) @50Khrs	LXX		Control Protocol	Additional Notes (if applicable) Note: Where dimming is specified: luminaires to achieve 0.1% Flicker free. EE-RE - Whitecroft Florin E3 FLE32BLEM EE-RO - Whitecroft Florin E3 FLE31BLEM EE-SE - Whitecroft Florin E3 FLS31BLEP EE-SO - Whitecroft Florin E3 FLS31BLEP	
			Length (mm):			Whitecroft Lighting		Florin E3		Lamp base (if applicable):	xx	B Value (degradation fraction)	0		ON/OFF		
			Width (mm):			Contact Details		Catalogue No		No. of Lamps/LEDs:	xx	C Value (failure fraction)	0				
			Height (mm):	43		Tim Clark		FLS31/EP		Lumens per Lamp/LED:	xx	F Value (combined failure = B+C)	0				
			Diameter ø (mm):	142		t.	xx	Accessories		LOR (%):	xx	Chromaticity Variation (MacAdam ellipses) ≤:	X				
			Recess depth (mm):			Location/Mounting Description		m. 07711 053864		xx	Luminaire lumens:	260	Flicker - % Modulation	X			
			Finish:	Black		e. tim.clark@whitecroftlight.com		Manufacturer Warranty		Connected Load (Circuit Watt):	3	Flicker - Frequency (Hz)	X				
			IP rating:	40		www. www.whitecroftlighting.com		xx		Efficacy - Luminaire lm/cW (LL/cW):	xx						
			IK rating:							CCT (K):	xx						
			Weight (kg):							CRI:	xx						

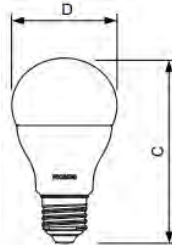
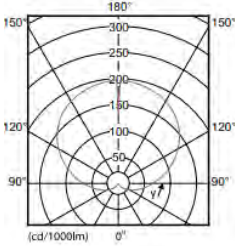
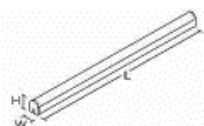
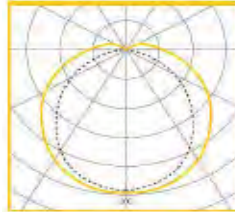
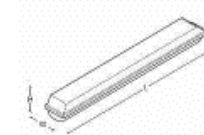
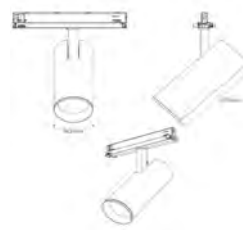
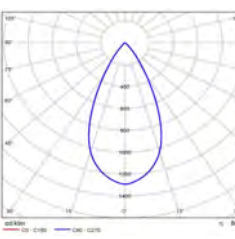
Schedule: 1705-BDP-AD-XX-SH-E-0001

Revision: T01

Status: For Tender

Date: 21/04/2023

5 of 7

Ref.	Image	Dimensions	Luminaire Information		Description	Manufacturer & Contact		Product range & Catalogue No.		Light Source & Technical		LED Data		Photometry	Control Protocol	Notes	
F			Fixation type	suspended	Luminaire Description LED Bulb	Manufacturer / Supplier Phillips Contact Details xx t. xx		Luminaire Range:		Light source type (inc W):	LED	L LED lumen maintenance (L) @50Khrs	LXX		Control Protocol ON/OFF Note: Where dimming is specified: luminaires to achieve 0.1% Flicker free.	Additional Notes (if applicable)	
			Length (mm):					CorePro LED bulb		Lamp base (if applicable):	-	B Value (degradation fraction)	0				
			Width (mm):					Catalogue No		No. of Lamps/LEDs:	1521	C Value (failure fraction)	0				
			Height (mm):	110				49074701		Lumens per Lamp/LED:	1	F Value (combined failure = B+C)	0				
			Diameter ø (mm):	60				Accessories		LOR (%):	1.0%	Chromaticity Variation (MacAdams ellipses) ≤:	X				
			Recess depth (mm):		Location/Mounting Description Tenant Units / suspended from ceiling pendant	m. xx		xx	Luminaire lumens:	1521	Flicker - % Modulation	X	Flicker - Frequency (Hz)				X
			Finish:			e. xx		Manufacturer Warranty		Connected Load (Circuit Watt):	13						
			IP rating:	0		www. xx		xx		Efficacy - Luminaire lm/cW (LL/cW):	117.00						
			IK rating:					CCT (K):	2700								
			Weight (kg):					CRI:	xx								
Indicative image - specification may vary. Indicative image - specification may vary.																	
G			Fixation type	TBC	Luminaire Description LED batten luminaire for surface, suspended or trunking mounting	Manufacturer / Supplier Whitcroft Lighting Contact Details Tim Clark t. xx		Luminaire Range:		Light source type (inc W):	LED	L LED lumen maintenance (L) @50Khrs	LXX		Control Protocol ON/OFF Note: Where dimming is specified: luminaires to achieve 0.1% Flicker free.	Additional Notes (if applicable)	
			Length (mm):	1200				Trimpak		Lamp base (if applicable):	-	B Value (degradation fraction)	0				
			Width (mm):	59				Catalogue No		No. of Lamps/LEDs:	1	C Value (failure fraction)	0				
			Height (mm):	78				TL15H44K		Lumens per Lamp/LED:	1	F Value (combined failure = B+C)	0				
			Diameter ø (mm):					Accessories		LOR (%):	100%	Chromaticity Variation (MacAdams ellipses) ≤:	X				
			Recess depth (mm):		Location/Mounting Description Comms / FM room	m. 07711 053864		xx	Luminaire lumens:	5461	Flicker - % Modulation	X	Flicker - Frequency (Hz)				X
			Finish:			e. tim.clark@whitcroftlight.com		Manufacturer Warranty		Connected Load (Circuit Watt):	44						
			IP rating:	0		www. www.whitcroftlighting.com		5 years		Efficacy - Luminaire lm/cW (LL/cW):	124						
			IK rating:					CCT (K):	4000								
			Weight (kg):	2.7				CRI:	80								
Indicative image - specification may vary. Indicative image - specification may vary.																	
GE	As above.	As above.	As above.		As above but linked with central battery system	As above.	Catalogue No.:		As above.		As above.		As above.	As above.	As above.	Additional Notes (if applicable)	
H			Fixation type	soffit/ceiling mounted	Luminaire Description LED IP66 anti-corrosive luminaire with GRP body with high impact polycarbonate injection moulded opal diffuser	Manufacturer / Supplier Whitcroft Lighting Contact Details Tim Clark t. xx		Luminaire Range:		Light source type (inc W):	LED	L LED lumen maintenance (L) @50Khrs	LXX		Control Protocol ON/OFF Note: Where dimming is specified: luminaires to achieve 0.1% Flicker free.	Additional Notes (if applicable)	
			Length (mm):	1282				ACL Industry		Lamp base (if applicable):	-	B Value (degradation fraction)	0				
			Width (mm):	145				Catalogue No		No. of Lamps/LEDs:	1	C Value (failure fraction)	0				
			Height (mm):	101				ACH34K		Lumens per Lamp/LED:	1	F Value (combined failure = B+C)	0				
			Diameter ø (mm):					Accessories		LOR (%):	100.0%	Chromaticity Variation (MacAdams ellipses) ≤:	X				
			Recess depth (mm):		Location/Mounting Description Electrical Plant Room	m. 07711 053864		xx	Luminaire lumens:	3970	Flicker - % Modulation	X	Flicker - Frequency (Hz)				X
			Finish:	Grey		e. tim.clark@whitcroftlight.com		Manufacturer Warranty		Connected Load (Circuit Watt):	27.8						
			IP rating:	66		www. www.whitcroftlighting.com		5 years		Efficacy - Luminaire lm/cW (LL/cW):	143.00						
			IK rating:	8				CCT (K):	4000								
			Weight (kg):	2.8				CRI:	80								
Indicative image - specification may vary. Indicative image - specification may vary.																	
HE	As above.	As above.	As above.		As above but linked with central battery system	As above.	Catalogue No.:		As above.		As above.		As above.	As above.	As above.	Additional Notes (if applicable)	
I			Fixation type	track mounted	Luminaire Description Track directional low glare LED spotlight with wide lighting distribution and dedicated integral in-track driver	Manufacturer / Supplier IBL Contact Details Paul Coxon t. m. 7896299607		Luminaire Range:		Light source type (inc W):	LED	L LED lumen maintenance (L) @50Khrs	LXX		Control Protocol ON/OFF Note: Where dimming is specified: luminaires to achieve 0.1% Flicker free.	Additional Notes (if applicable)	
			Length (mm):	N/A				Tube 90		Lamp base (if applicable):	-	B Value (degradation fraction)	0				
			Width (mm):	N/A				Catalogue No		No. of Lamps/LEDs:	1	C Value (failure fraction)	0				
			Height (mm):	225				240901L50.23120CT4-H		Lumens per Lamp/LED:	1	F Value (combined failure = B+C)	0				
			Diameter ø (mm):	90				Accessories		LOR (%):	100.0%	Chromaticity Variation (MacAdams ellipses) ≤:	2				
			Recess depth (mm):	N/A	Location/Mounting Description Tenanted Units	m. 7896299607		Honeycomb Louvres	Luminaire lumens:	1686	Flicker - % Modulation	X	Flicker - Frequency (Hz)				X
			Finish:	Black		e. pcoxon@ibl.co.uk		Manufacturer Warranty		Connected Load (Circuit Watt):	20						
			IP rating:	20		www. www.ibl.co.uk		5 years		Efficacy - Luminaire lm/cW (LL/cW):	84.30						
			IK rating:	N/A				CCT (K):	3000								
			Weight (kg):	-				CRI:	90								
Indicative image - specification may vary. Indicative image - specification may vary.																	

Ref.	Image	Dimensions	Luminaire Information		Description	Manufacturer & Contact		Product range & Catalogue No.		Light Source & Technical		LED Data		Photometry	Control Protocol	Notes		
GE			Fixation type	wall mounted	Luminaire Description 3hr non maintained surface mounted IP65 emergency bulkhead	Manufacturer / Supplier		Luminaire Range:		Light source type (inc W):	LED	L LED lumen maintenance (L) @50Khrs		LXX	N/A	Control Protocol DALI Broadcast	Additional Notes (if applicable) Note: Where dimming is specified: luminaires to achieve 0.1% Flicker free.	
			Length (mm):	350		Whitecroft Lighting		Concert EX65		Lamp base (if applicable):	-	B Value (degradation fraction)		X				
			Width (mm):	120		Contact Details		Catalogue No		No. of Lamps/LEDs:	1	C Value (failure fraction)		X				
			Height (mm):	90		Tim Clark		EX65M3		Lumens per Lamp/LED:	1	F Value (combined failure = B+C)		X				
			Diameter ø (mm):			t.	xx	Accessories		LOR (%):	100.0%	Chromaticity Variation (MacAdam ellipses) ≤:		X				
			Recess depth (mm):	N/A	Location/Mounting Description		m.	07711 053864	Luminaire lumens:		151	Flicker - % Modulation		X				
			Finish:	White	e.	tim.clark@whitecroftlight.com	Manufacturer Warranty		Connected Load (Circuit Watt):	1.2	Flicker - Frequency (Hz)		X					
			IP rating:	65	www.	www.whitecroftlighting.com	5 years		Efficacy - Luminaire lm/cW (LL/cW):									
			IK rating:	10					CCT (K):									
	Weight (kg):	-					CRI:											
Indicative image - specification may vary.		Indicative image - specification may vary.																
			Fixation type	TBC	Luminaire Description IBL track provides a flexible infrastructure for luminaires that can move with your changing requirements	Manufacturer / Supplier		Luminaire Range:		Light source type (inc W):	N/A	L LED lumen maintenance (L) @50Khrs		N/A	N/A	Control Protocol	Additional Notes (if applicable)	
			Length (mm):	2000		IBL		T4 Multicircuit Track		Lamp base (if applicable):	N/A	B Value (degradation fraction)		N/A				
			Width (mm):	33.5		Contact Details		Catalogue No		No. of Lamps/LEDs:	N/A	C Value (failure fraction)		N/A				
			Height (mm):	34.3		Paul Coxon		5820.2020		Lumens per Lamp/LED:	N/A	F Value (combined failure = B+C)		N/A				
			Diameter ø (mm):	N/A		t.		Accessories		LOR (%):	N/A	Chromaticity Variation (MacAdam ellipses) ≤:		N/A				
			Recess depth (mm):	-	Location/Mounting Description		m.	7896299607	N/A		Luminaire lumens:	N/A	Flicker - % Modulation					N/A
			Finish:	Black	e.	pcoxon@ibl.co.uk	Manufacturer Warranty		Connected Load (Circuit Watt):	N/A	Flicker - Frequency (Hz)		N/A					
			IP rating:	20	www.	www.ibl.co.uk	5 years		Efficacy - Luminaire lm/cW (LL/cW):		N/A							
			IK rating:	N/A					CCT (K):		N/A							
	Weight (kg):	N/A					CRI:		N/A									
Indicative image - specification may vary.		Indicative image - specification may vary.																
IMPORTANT NOTES																		
1. Catalogue numbers are included for reference only. Details to be checked against the description with the manufacturer. 2. Please refer to BDP Lighting for any queries or anomalies regarding items described in this document, prior to ordering. 3. The suffix 'E' on the luminaire reference code denotes luminaires with emergency lighting function. 4. Standard manufacturer delivery lead time 6-12 weeks, ensure adequate time is programed for procurement.																		

