
Hill Street, Dundalk

Electrical Specification

Volume Three

Luminaire Schedules

SCH 001

Document No: A 2.3

Rev: P02

Date: 15/03/2024

BDP.

DOCUMENT CONTROL SHEET

Rev.	Author(s)	Date of Revision
P01	Samuel Ntende	26/02/2024
P02	Samuel Ntende	15/03/2024

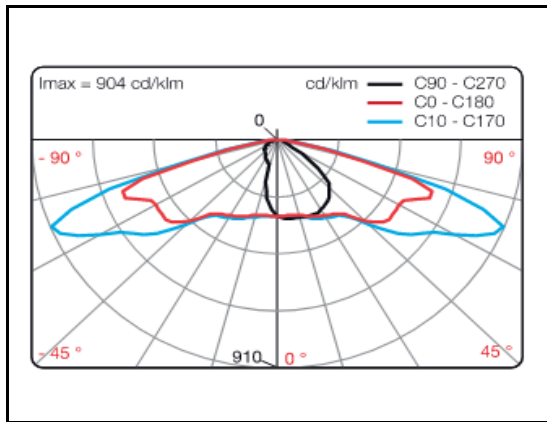
Project:	Hill Street, Dundalk		Project No.:	P3003835
Page	1	Luminaire Schedule	2	
Luminaire Reference	Type X1			
Lamp				
Type	LED			
Details Per linear m?	n			
Output	4684	lm (+/- 10%)		
Power	38	W Maximum		
Efficacy	123	lm/cW minimum		
Lifetime	L90/B10	100,000hrs @ 25oC		
Colour temp	3000	K		
CRI	>80			
Colour consistency	3 SDCM			
Chromaticity Tolerance	5 (McacAdam Ellipse)			
Luminaire				
Location	Ground			
Mounting	Pole mounted @ 6m c/w bracket			
IP Rating	IP66			
IK Rating	IK10			
Materials	Die-cast Aluminium			
Finish	TBC			
Unified Glare Rating	<19			
Eye safety	Group 0 to EN62471			
Warranty	5 years			
Diffuser type	Tempered Glass			
Length	773			
Width	400			
Height	98			
Controls				
Dimming	DALI / DSI digital dimmable			
Supplier				
Manufacturer				
Model				
Supplier status	Example Supplier For information only			
Description	<p>A medium size LED road lighting driven at 250mA with Electronic, LED control gear. Class I electrical, IP66, IK10. Housing: die-cast aluminium, polyester powder coated. Diffuser: tempered flat glass. Screws: stainless steel, Ecolubric® treated. Female fastening for pole Ø 60/62 mm x 100 mm, Ø 42 mm and Ø 49 mm For pole Ø 76 mm top or side female sleeve for Ø 60/Ø 62 mm x 100 mm. Complete with 3000K LED.</p>			
Rev	Date	Engineer		
-	15/03/2024	SN		

Project:	Hill Street, Dundalk	Project No.:	P3003835
Page	2		
Luminaire Reference	Type X1		

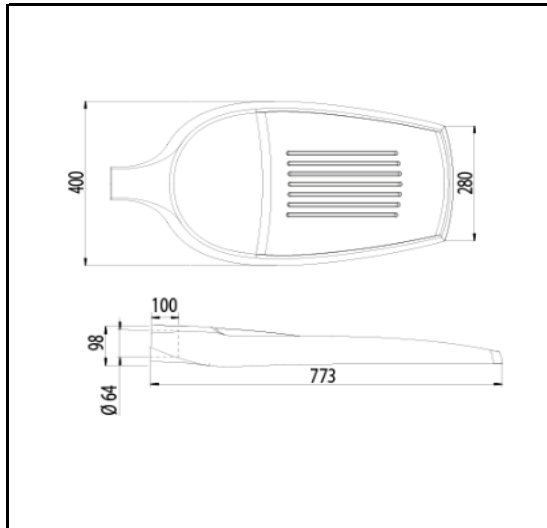
Fitting Image



Photometric Data



Dimension Diagram



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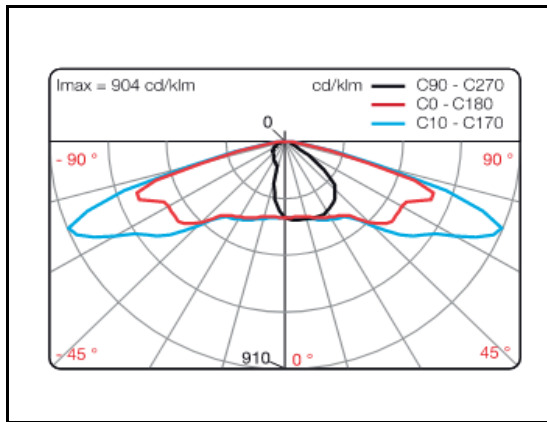
Project:	Hill Street, Dundalk		Project No.:	P3003835
Page	1	Luminaire Schedule	1	
Luminaire Reference	Type X2			
Lamp				
Type	LED			
Details Per linear m?	n			
Output	1914	lm (+/- 10%)		
Power	17	W Maximum		
Efficacy	113	lm/cW minimum		
Lifetime	L90/B10	100,000hrs @ 25oC		
Colour temp	3000			
CRI	>70			
Colour consistency	3 SDCM			
Chromaticity Tolerance	3	(McacAdam Ellipse)		
Luminaire				
Location	Ground			
Mounting	Pole mounted @ 4m c/w bracket			
IP Rating	IP66			
IK Rating	IK10			
Materials	Die-cast Aluminium			
Finish	TBC			
Unified Glare Rating	<19			
Eye safety	Group 0 to EN62471			
Warranty	5 years			
Diffuser type	Tempered Glass			
Length	773			
Width	400			
Height	98			
Controls				
Dimming	DALI / DSI digital dimmable			
Supplier				
Manufacturer				
Model				
Supplier status	Example Supplier For information only			
Description	<p>A medium size LED road lighting driven at 250mA with Electronic, LED control gear. Class I electrical, IP66, IK10. Housing: die-cast aluminium, polyester powder coated. Diffuser: tempered flat glass. Screws: stainless steel, Ecolubric® treated. Female fastening for pole \varnothing 60/62 mm x 100 mm, \varnothing 42 mm and \varnothing 49 mm For pole \varnothing 76 mm top or side female sleeve for \varnothing 60/\varnothing 62 mm x 100 mm. Complete with 3000K LED.</p>			
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Project:	Hill Street, Dundalk	Project No.:	P3003835
Page	2		
Luminaire Reference	Type X2		

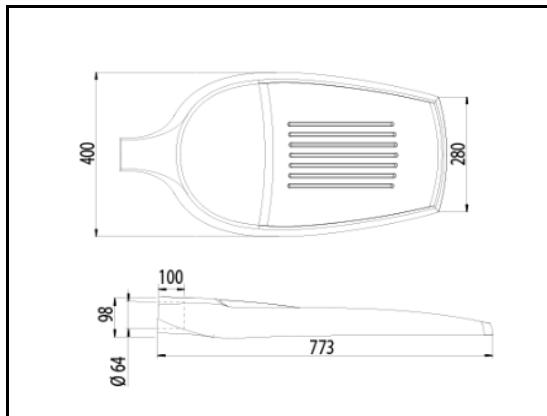
Fitting Image



Photometric Data



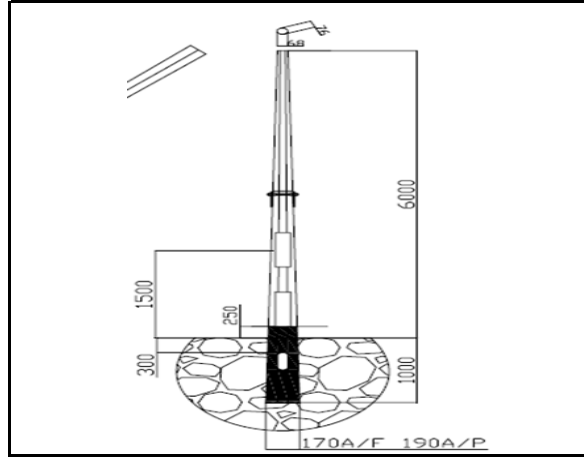
Dimension Diagram



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-	15/03/2024	SN

Project:	Hill Street, Dundalk		Project No.:	P3003835
Page	1	Luminaire Schedule	3	
Luminaire Reference	Pole			
Lamp				
Type	LED			
Details Per linear m?	n			
Output	N/A	lm (+/- 10%)		
Power	N/A	W Maximum		
Efficacy	N/A	lm/cW minimum		
Lifetime	N/A	50,000hrs @ 25oC		
Colour temp	N/A	K		
CRI	N/A			
Colour consistency	N/A			
Chromaticity Tolerance	N/A (McacAdam Ellipse)			
Base cap type	N/A			
Luminaire				
Location	Ground			
Mounting	Root Mounted Pole			
IP Rating	N/A			
IK Rating	N/A			
Materials	Mid-Hinged Octagonal Lighting Column, Galvanised Steel Finish			
Finish	To Be Powered Coated as per Lamp Head			
Unified Glare Rating	N/A			
Eye safety	N/A			
Warranty	N/A	years		
Diffuser type	N/A			
Length	N/A			
Width	N/A			
Height	6 & 8	M		
Controls				
Dimming	N/A			
Supplier				
Manufacturer	N/A			
Model	N/A			
Supplier status	Example Supplier For information only			
Description	<p>Root mounted, Mid-Hinged Octagonal Lighting Column 4 & 6m proposed height from FFL. Columns shall be galvanised internally and externally to BS EN 1461, and shall have minimum wall thickness of 3mm. Can be painted or powder coated to customer specifications. Cable slot is positioned 300mm below ground level. Compartment doors shall have a welded in frame with recessed weather strip, with a flat steel door fitted and secured by two triangular headed stainless steel bolts. Bitumen paint applied internally and externally 250mm above the planting depth for protection. Multiply Range of galvanised brackets &</p>			
Rev	Date	Engineer		
-	15/03/2024	SN		

Fitting Image



Photometric Data

