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**PLANO-S**  
DATA SHEET

# Met.

# PLANO-S

## APPLICATIONS

Retail Lighting  
Office Lighting  
General Lighting  
Area Lighting  
Hotel Lighting  
Façade Lighting

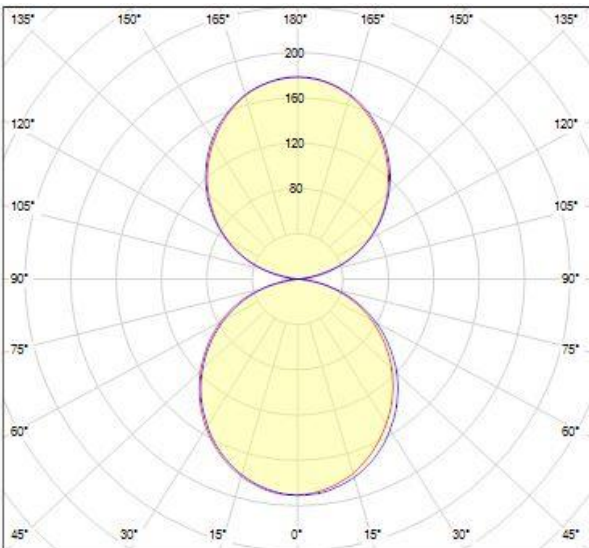
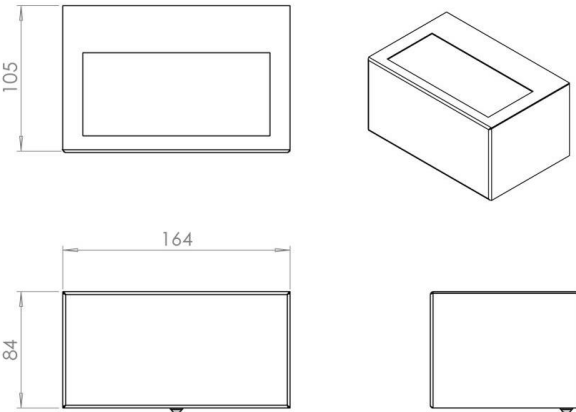


Model Number:	W2029--4-I-----80TR--E
Light Source:	LED
Luminaire total power (W):	9W
Lamp luminous flux*:	1357 lm
Luminaire luminous flux*:	1086 lm
Luminaire efficacy*:	121 lm/W
Power Factor:	>0.96
Beam Angle:	Up and Down 60°
Luminaire case temperature @ 25° C ambient temperature:	<40°
UGR Based on Illumination system design:	<30
Rated useful life*:	L70 B50 @ 50000 hour
Correlated colour temperature*:	4000k
Colour Rendering Index min:	80
Chromaticity tolerance (initial McAdam)*:	5
Body Construction:	Stainless Steel
Finish:	Powder coated
Lens Cover:	Opal Acrylic
Built-in driver protection:	Voltage fluctuation, overheating, overloads, voltage spikes up to 1.5 KV
Flicker Free control system (No Stroboscopic effect):	Yes
Additional surge protection:	Optional
Environmental ambient temperature:	5°C to 30°C
Rated supply voltage:	230V – 240V
Mains frequency:	50Hz-60Hz



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## PLANO-S

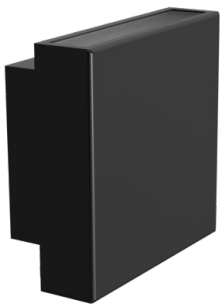


Mounting type:	Surface
Adjustable Tilt:	None
Electrical Connection type:	Cable Lead
Mechanical impact protection:	IK 02
Degree of protection:	IP 54
Class of protection:	Class 1
Body Colour:	Black
Cut-out:	-
Dimensions:	164mm X 84mm X 105mm
Weight :	+/- 0.9 Kg
Dimming:	Optional
Emergency Backup:	Optional
Quality management traceability:	Serialization, Track and trace
Spares availability post purchase :	5 years
Serviceable for repairs and maintenance:	Yes up to component level
Upgradable:	No
Approximate product life base on 12hour usage:	5 years
Warranty :	Three years/ 50000 hours Degradation based on LM80 T21 50000hr @ 85°C
Performance Warranty :	No
Country of origin :	South Africa

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# PLANO-S+

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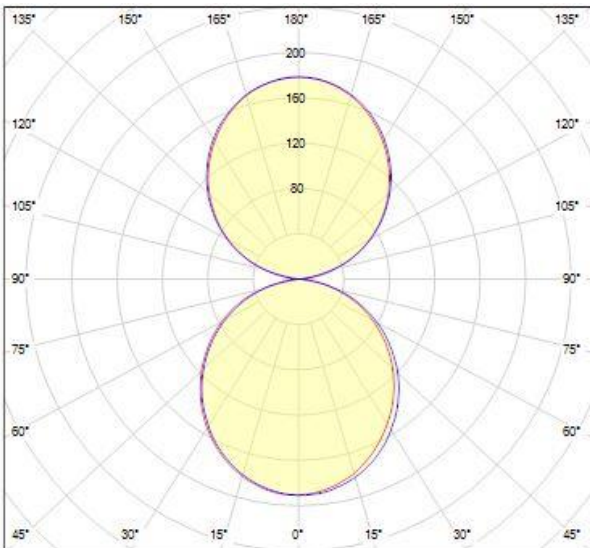
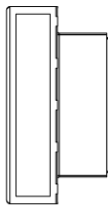
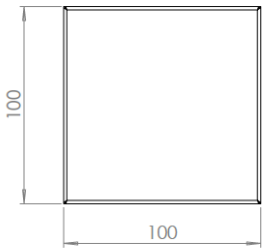
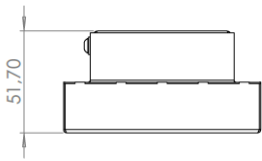
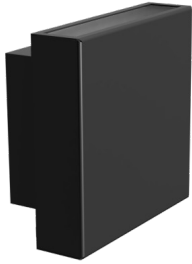


Model Number:	W2034--4-I-----80VS--E
Light Source:	LED
Luminaire total power (W):	4W
Lamp luminous flux*:	827 lm
Luminaire luminous flux*:	661 lm
Luminaire efficacy*:	165 lm/W
Power Factor:	>0.96
Beam Angle:	Up and Down 60°
Luminaire case temperature @ 25° C ambient temperature:	<40°
UGR Based on Illumination system design:	<30
Rated useful life*:	L70 B50 @ 50000 hour
Correlated colour temperature*:	4000k
Colour Rendering Index min:	80
Chromaticity tolerance (initial McAdam)*:	5
Body Construction:	Stainless Steel
Finish:	Powder coated
Lens Cover:	Opal Acrylic
Built-in driver protection:	Voltage fluctuation, overheating, overloads, voltage spikes up to 1.5 KV
Flicker Free control system (No Stroboscopic effect):	Optional
Additional surge protection:	Optional
Environmental ambient temperature:	5°C to 30°C
Rated supply voltage:	230V – 240V
Mains frequency:	50Hz-60Hz



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Mounting type:	Surface
Adjustable Tilt:	None
Electrical Connection type:	Cable Lead
Mechanical impact protection:	IK 02
Degree of protection:	IP 54
Class of protection:	Class 1
Body Colour:	Black
Cut-out:	-
Dimensions:	100mm X 100mm X 51.70mm
Weight :	+/- 0.9 Kg
Dimming:	None
Emergency Backup:	Optional
Quality management traceability:	Serialization, Track and trace
Spares availability post purchase :	5 years
Serviceable for repairs and maintenance:	Yes up to component level
Upgradable:	No
Approximate product life base on 12hour usage:	5 years
Warranty :	Three years/ 50000 hours Degradation based on LM80 T21 50000hr @ 85°C
Performance Warranty :	No
Country of origin :	South Africa