LED | Wet | IP65 | IK05

BS101LED ECO

INDUSTRIAL

Type: _____

Project: _____

Delivered Lumens:
4066 lm - 6431 lm

Input Wattage:
35W & 55W

Efficacy:
Up to 120 lm/W

Colour Temperatures:
4000K

Projected Lumen Maintenance:
L_{85} @ >60,000 hrs.

The **ILLUMINA® BS101LED ECO** features eight (8) closure clips that securely and evenly seal the luminaire

The UV stabilized polycarbonate diffuser eliminates glare and is integrated with crystals that assist in the enhancement of even light distribution

Unique three piece design that allows effortless assembly without any tools

The polycarbonate **ILLUMINA® BS101LED ECO** is corrosion, flame and vandal resistant

The **ILLUMINA® BS101LED ECO** is ideal for installation in warehouses, breezeways, canopies, service corridors and much more.

Configurations

MODEL-	LENGTH	OPERATION	POWER	COLOUR TEMP-	INPUT-	MOUNTING-	OPTIONS
BS101LED ECO	4 (4ft)	[BLANK] (AC only)	L (4066 lm)	4K (4000K)	S (120-277V)	[BLANK] (surface mount - std.)	SS (stainless steel clips)
			H (6431 lm)		C (347V)	[BLANK] (chain hang kit - std.)	IOS02 (internal 120-347V microwave step dimming sensor)
						JM[1] (direct mount to J-box)	EOS02 (end mount on/off 120-347V)
							EOS07 (end mount on/off 120-277V IP65)
							EOS08 (end mount on/off 347V IP65)
							EOS09 (end mount on/off 120-277V)
							EOS10 (PIR, end mount, step dimming, 120-277V)
							LC (Line Cord)
							CT (Cabtire Cord)
							TLP (Twist lock plug)
							TP[1] (4 tamper proof screws)
							90 (90+ CRI)

NOTE[1]: Voids IP rating

Compatible Sensor Table

ORDERING GUIDE	BRAND	MODEL
EOS02	Acuity	SBOR-10-OEX-D-HVOLT
EOS07	Wattstopper	HB-350W
EOS08	Wattstopper	HB-340W

Compatible sensors can be ordered as options but will be shipped separately. Sensor brand is manufacturer's choice unless otherwise noted. If a compatible brand / type sensor is required please call for price.

HOUSING:
UV stabilized polycarbonate, liquid silicone perimeter gasket with memory retention.

DIFFUSER:
Frosted UV stabilized polycarbonate diffuser, eliminates glare and provides even distribution.

REFLECTOR:
Flat, steel reflector system finished in durable white powder coat. The reflector system holds all electrical components.

ELECTRICAL:
Available in 4000K colour temperature. High efficiency driver operates 100V through 277V or 347V, 50-60HZ. L70 up to 60,000 hours.

MOUNTING:
Surface mount configuration is standard with integrated stainless steel mounting brackets. Additional mounting systems are chain and direct to junction box configurations.

DIMMING:
0 - 10V dimming down to 5% is standard.

POWER LINE/FEED:
5-wire, 18awg, pre-stripped 12" leads for quick in-field connection and hot load disconnect feature.

WEIGHT:
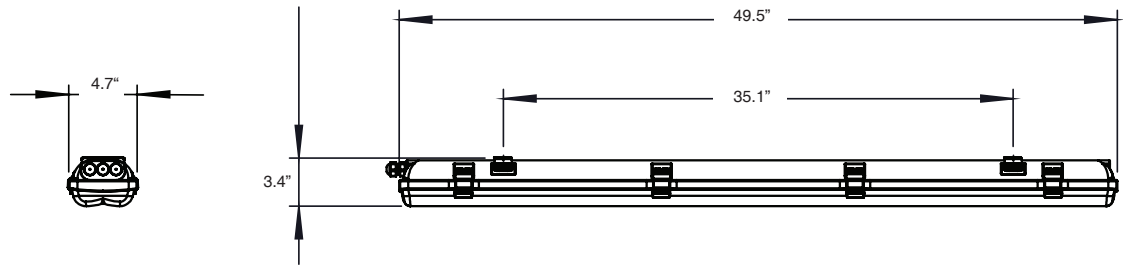9 lbs. / 4 kilo.

OPERATING TEMPERATURE:
AC only: -20℃ to 40℃

WARRANTY:
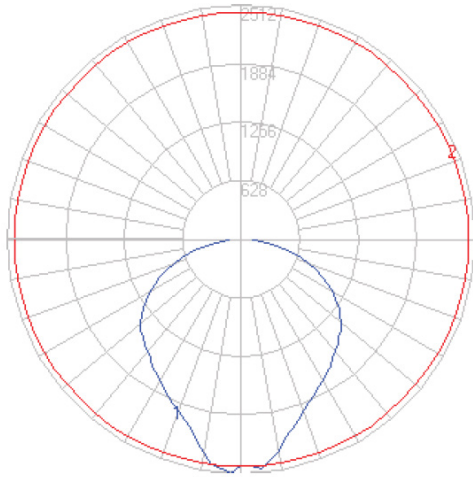5 year LED warranty, see website for full warranty details.

Illumina® BS101LED ECO

Beghelli reserves the right to change, without notice, specifications or materials that in our opinion will not alter the function or performance of the product. Technical specifications that appear on www.beghelliluce.com supersede all other versions existing in print or electronic form.

Dimensions

49.5"

35.1"

4.7"

3.4"

BS101LED-ECO-4HT-HO-WT40-120-277V

Luminous Intensity Distribution

Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1738	27%
0-40	2787	43%
0-60	4902	76%
60-80	1529	24%
0-180	6431	100%

BS101LED-ECO-4HT-LO-WT40-120-277V

Luminous Intensity Distribution
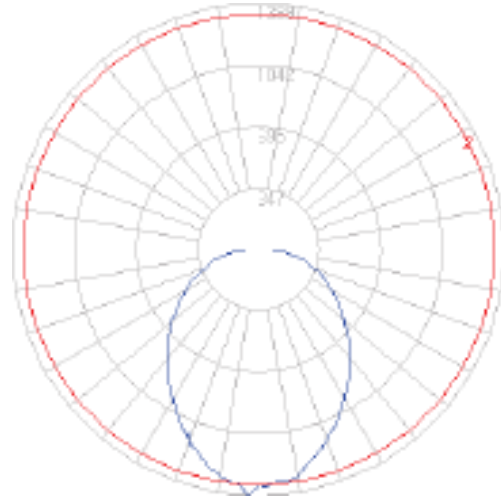
Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	984	27%
0-40	1521	42%
0-60	2674	75%
60-80	1112	31%
0-180	3584	100%

Energy Chart

MODEL	LENGTH	COLOUR	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	REPORTED L85[1] (HOURS)
BS101LED-ECO-LO-WT40	4ft	4000K	120 lm/W	35	4066	80+	>60,000
BS101LED-ECO-HO-WT40	4ft	4000K	117 lm/W	55	6431	80+	>60,0000

NOTES: Actual performance may vary between +/-5% of initial lumen output **NOTE[1]:** Calculated as per TM-21-11. Limited by 6X LM80 test duration.

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