# JC080002DH

Skytile

Skytile 600x600mm 30W IP44 4000K 3000lm White frame Daylight Harvesting

Features & Benefits

- Integrated driver technology - combined driver with photocell
- Intelligently adapts light level to fluctuations in natural daylight
- Achieve up to an additional 60% energy saving against standard Skytile
- No need for additional wiring or commissioning
- Compatible with standard and JCC self-test emergency remote packs

90° BEAM	**CLASS II**	**80** CRI:RA	**IP 44** RATING	SENSING	**5yr** WARRANTY

General Information

Mounting	**Recessed**
Trade Name	**Skytile**
Environment	**Indoor**
Suitable For Zones	**Outside zone 1**
Product Group	**LED - Recessed**
Color Finish	**White**
Product Shape	**Square**
Product Range	**Skytile**
Overall Dimensions	**598 x 598 x 9.8 mm**
Light Source	**LED**
Light Source Features	**Neutral White**
Additional Information	**Not fire rated**
Luminaire Accessories	**Surface mount tray(JC71262) Suspension kit(JC71311)**
Recommended Product Location	**indoor use only**
Minimum Void Requirement	**150mm**
Method Of Fix	**for use with T grid suspended ceilings**
Distance From Lighted Object	**0.3m**
IP Rating	**IP44**
Origin of manufacturer	**Made in China**
Warranty	**2 years standard warranty extends to 5 years when registered within the first year of purchase (inc 2 year on**

Suspension Kit Safe Working Load	20kg
Driver Manufacturer	JCC
LED Manufacturer/Type	Runlite 4014
Lighting Product Type 1	Troffer

Electrical

Voltage Rating	220-240
Operating Frequency Hz	50/60Hz
Secondary running current(mA)	730
Constant Current or Constant Voltage	CC
Luminaire Circuit Wattage	30
Class	II
Output Voltage Max/Range (VDC)	33-50
EMC Compliant (EN55015)	Yes
Power Factor Correction	0.9
Input Electrical Connections	Live(Brown)Neutral(blue) loop in/loop out
Dimmable	Yes, using daylight harvesting settings

Thermals

Thermal Cut Out	yes, auto recovery
Insulation Coverage	Do not cover
Minimum Free Air Space	100mm above and 50mm to sides
Minimum Void Requirement	150mm
Operating Temperature Range °C	-25 to +50

Performance Data

LED Life (Hours)	54000

Hours life stated is an indication of expected L70 chip and light output calculations when operating in optimum conditions. Product warranty period supports the full product during the term given. The L70 hours expectancy is not correlated with the full product warranty term, nor is it a representation of lumen depreciation during the warranty period.

Energy Rating	This product contains a light source of energy efficiency class F
Actual Lumen Output	3000
Lumens Per Circuit Watt	100 LpcW
Standard Deviation Colour Matching - SDCM	<6
Color Rendering Index	80-89
CRI: Ra	80
Correlated Color Temperature	4000K
Beam Angle °	90
LOR (Light Output Ratio) %	100
Photometry Available	Yes

Controls and Sensors

Detection Motion Speed	1-1.5 m/s

Installation Height	**Up to 3 metres**
Daylight Harvest	**Active/disabled option**
Minimum Hold Level	**off/25%/50%**
Target Illumination Level	**150 lux- corridors/ 300 lux - communal areas/ 400 lux - lower level office lighting / 500 lux -general office lighting**
Sensor Default Settings	**500 lux and 25% min hold**
Installation Spacing Between Fittings	**2 x 600mm tile spacing**
Control	**Daylight Harvesting**

Construction

Primary Material	**Aluminium**
Inner Diffuser	**Methylmethacrylate-Styrene (MS)**
Outer Diffuser	**Polystyrene (PS)**
Lens	**Clear acrylic**
Heat Sink	**Aluminium**
Driver Housing	**Polycarbonate**
Rim Or Attachment	**Extruded aluminium**

Packaging

Quantity Per Outer Carton	**5**
Outer carton(L)- cm	**67**
Outer carton(W)- cm	**22.5**
Outer carton(H)- cm	**71**
Outer carton Net weight- kg	**12.5**
Outer carton Gross weight- kg	**13.5**
Product Bar Code EAN-13 Number	**5052544112102**
Outer carton Bar Code ITF-14 Number	**15052544112109**

Standards & Approvals

Manufactured In Accordance To	**BS EN 60598-2-1, 2-2**
CE Marked	**Yes**
UKCA Marked	**Yes**
Date code/Purchase order No.	**Yes**
WEEE Symbol	**yes**
Certificate Of Conformity	**Available on request**
Accredited Members	**LIA, ISO9001-2015, ISO14001-2015**
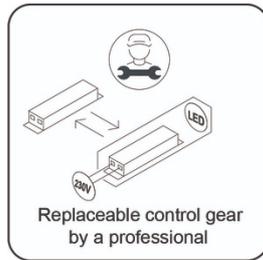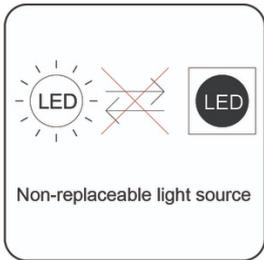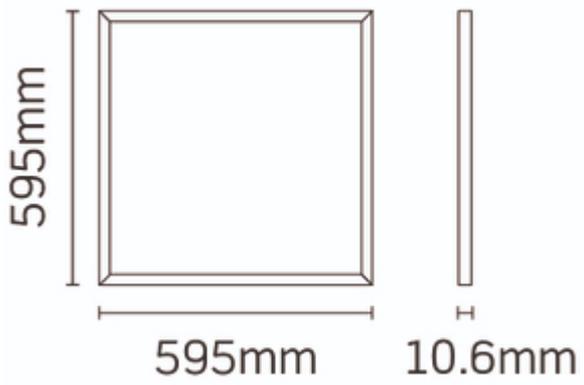
595mm

595mm   10.6mm

Non-replaceable light source

Replaceable control gear by a professional

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