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24th November 2022

Development Management
North York Moors National Park Authority
The Old Vicarage
Bondgate
Helmsley
York YO62 5BP

your ref: **Decision No. NYM/2021/0576/FL**

Dear Sirs,

Re :- Proposed Upgrading and Restructuring of Facilities at Whitby Holiday Park, Whitby, North Yorkshire YO22 4JX. Client :- Mr Peter Brewer, Normanhurst Enterprises Ltd, 9 Burscough Street, Ormskirk Lancashire. L39 2EG.

Further to the above planning approval , please find attached Lighting Details re the Discharge of Condition 4, which stipulates that :-

4. No external lighting shall be installed in the development hereby permitted until details of lighting have been submitted to and approved in writing by the Local Planning Authority. The lighting shall be Dark Skies compliant, fitted with a PIR and contain a warm white bulb of 3000k or less and no more than 500 lumens and no other lighting shall be installed on the site unless otherwise agreed in writing with the Local Planning Authority.

The details of the proposed light fitting are :-

- a).** One external wall light fitting will be fitted to the exterior of each of the approved units.
- b).** each fitting will be operated via a PIR
- c).** The light fittings proposed are the Robus "RAML7P530038 Wall lights (5.8watt output). Please see the attached manufacturers specification sheet.

They are downward directional Wall mounted LED luminaires with an upward light ratio of 0% to limit the impact on dark skies and the environment. I am advised these also have 3000K warm white colour temperature sources.

These meet the criteria set out within Condition 4 of the Decision Notice of 3000k. However, please note they only just exceeds the 500 lumens criteria at 510.



However, as only one unit is being proposed per unit, we trust that this very minor increase would be acceptable.

Please note it is extremely difficult to find fittings which meet the downward directional 3000k, with no upward light spill in an LED low energy fitting and which is suitable for maritime use and is under 500 lumens.

We therefore trust that as only 1 light fitting is being proposed per unit that this will be acceptable.

Many thanks

Yours faithfully,

Jonathan Moore Lambe

OUTDOOR MONOLUME ACTIVATE & BILUME ACTIVATE

ROBUS®

MONOLUME and BILUME ACTIVATE, COB LED IP65 Up Down Wall Lights

Manufactured from traditional high-quality die cast aluminium these fittings look superb and offer an attractive outdoor lighting solution for domestic or commercial applications. They utilise state of the art LED technology to provide a great light output with very low running costs and without the annoying issues of traditional lamp failures



Applications:

- Hotel corridors
- Apartment landings and stairways
- Internal or external column illumination
- Porch & door entry lighting
- Communal outdoor relaxation areas
- Hotel, pub, restaurant gardens or pathways

Construction:

- Grey powder coated die-cast aluminium housing
- Glass diffuser/lens
- Aluminium PCB
- Stainless steel fixing screws

Features:

- Available in single end or double ended versions
- Diecast aluminium slim waist housing finished in dark grey powder coating using electrophoresis process
- Salt spray tested to ISO9227
- Multi-faceted reflector with plain glass diffuser
- High quality Mason single Chip-on-Board LED for:
 - High lumen light output
 - Low power consumption
 - Exceptionally long Rated LED Life
- Robus Activate Driver-on-Board technology with driver components integrated onto the LED PCB
- Utilises integrated chips with no separate traditional surface mount components
- Solid State Technology
- Double rubber grommet entry facility
- Spirit level integrated into base

Benefits:

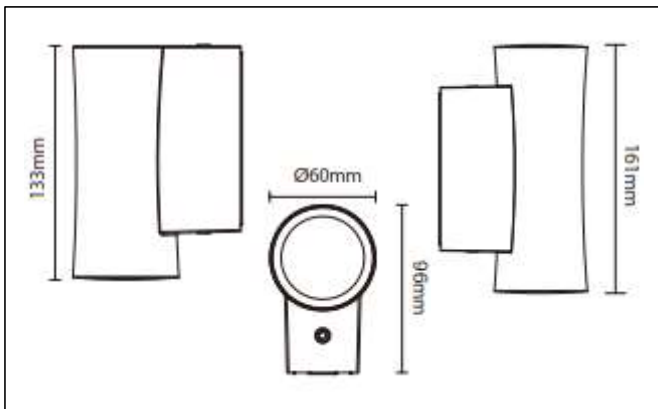
- Provides single direction or up/down lighting
- Strong & durable
- Attractive design
- Provides excellent heat dissipation for longer LED and driver life
- Quality finish that is will always look good
- Resistant to the effects of weathering and salt laden atmospheres making it ideal for coastal applications
- Provides an attractive scallop lighting effect
- Provides:
 - Comparable light output to traditional 50W Halogen
 - High efficacy for low running costs
 - No lamp changes throughout life
- No traditional electrolytic capacitors, often the cause of premature driver failure
- Very efficient technology which is significantly more reliable than separate, or drivers "integrated" into the fitting or heat sink and provides IC control for:
 - Stable drive current to maximise LED performance and life
 - Minimum driver power losses for energy efficiency
 - High power factor of 0.95 for efficient use of power
 - Circuit and component protection for long life
- "Instant on" to ensure immediate visibility
- Rugged with no filaments to prematurely fail
- Compatible with PIR, photocell & microwave switching without compromise to LED life
- Provision for loop in/out if required
- Aids mounting alignment

OUTDOOR
MONOLUME ACTIVATE & BILUME ACTIVATE

ROBUS®

MONOLUME and BILUME ACTIVATE, COB LED
IP65 Up Down Wall Lights

Product Code:	RAML7P53038	RABL0153038
Comparable to:	1x 50W Halogen Lamps	2x 50W Halogen Lamps
Total Power (W):	5.8	11.6
Total Light Output (lm):	510	1070
Efficacy (lm / cctW):	89	93
Rated LED Life (hrs):	50,000	50,000
Warranty (yrs):	5	5
Illuminance at 1m (lx):	1090	1120
Beam Angle (deg):	50	50
CCT (K):	3000	3000
CRI (Ra):	80	80
Ingress Protection (IP):	65	65
Impact Rating (IK):	NA	NA
Operating Temperature (°C):	-10-40	-10-40
Output Current (mA):	26	26
Operating Voltage (Vac):	220-240	220-240
Power Factor (PF):	0.95	0.95
Height (mm):	133	161
Length (mm):	96	96
Width (mm):	60	60
Diameter (mm):	60	60
Box Qty:	1	1
Weight (kg):	0.6	0.64



Standards & Approvals:

Complies with: EN60598-1, ISO9227

Cone Illuminance Diagram:

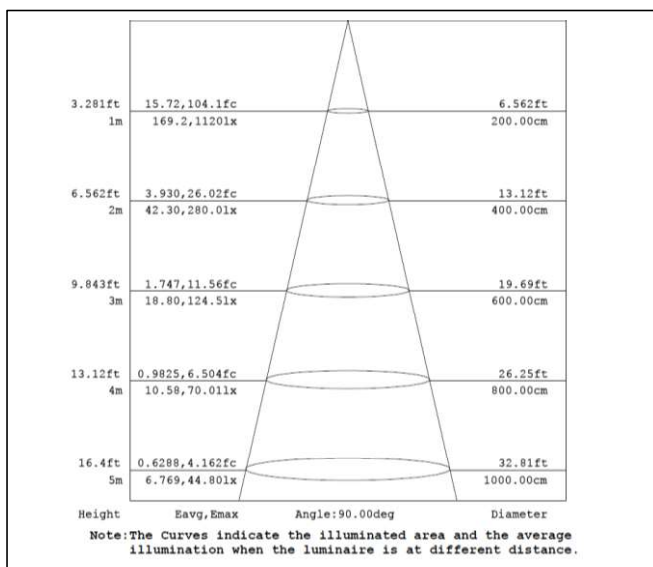


Diagram for RABL7P53038-25in 3,000K. Other diagrams available on request



Polar Intensity Diagram:

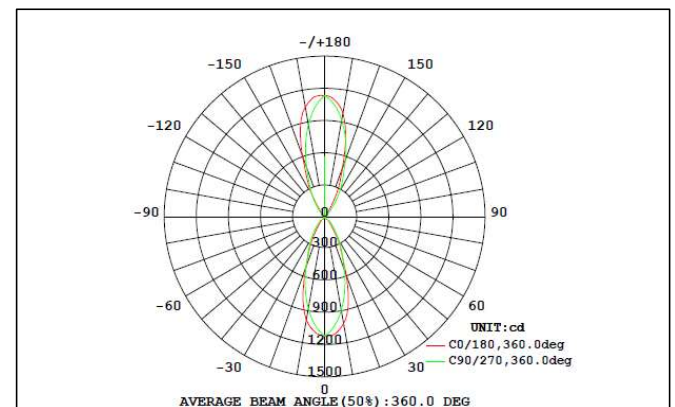


Diagram for RABL7P53038-25 in 3,000K. Other diagrams available on request



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