

Edward Van der Wee

From: [REDACTED]
Sent: 19 April 2022 12:15
To: Edward Van der Wee; technical
Subject: RE: New Technical Enquiry
Attachments: VECOHBK - Spectrum Report.pdf

Good afternoon Edward,

Please find attached spectrum report for the VECOHBK.

Please do not hesitate to contact us should you require anything further

Kind Regards

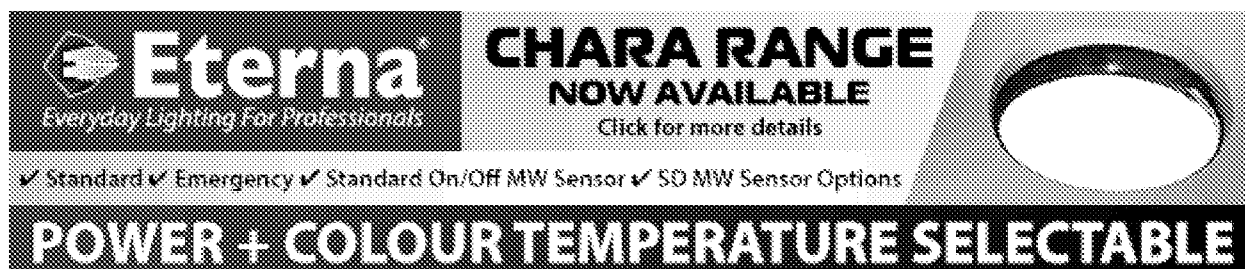
Natalie

Natalie Mason | Technical Assistant | Eterna Lighting Ltd

Working hours – Monday, Tuesday and Wednesday 8.30am – 5pm

For any queries outside of these hours please contact enquiries@eterna-lighting.co.uk

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From: [REDACTED]
Sent: 14 April 2022 15:32
To: technical <technical@eterna-lighting.co.uk>
Subject: New Technical Enquiry

Name

Edward Van der Wee

Email

Subject

Technical Enquiry

Telephone

[REDACTED]

Company Name

PALLANT HOMES

Address (if applicable)

Pallant Homes
Peregrine House
Ford Lane
Arundel

Postcode

BN18 0DF

Your Message

Good afternoon,

We would like to specify one of your products (7W LED ECONOMY HALF LANTERN) on our development. Can you forward a light spillage diagram for the luminaire as this is required for planning approval.

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Spectrum Test Report

Sample :
Specification : VECOHBK
Sample No. : 10
Manufacturer : Eterna Lighting Ltd

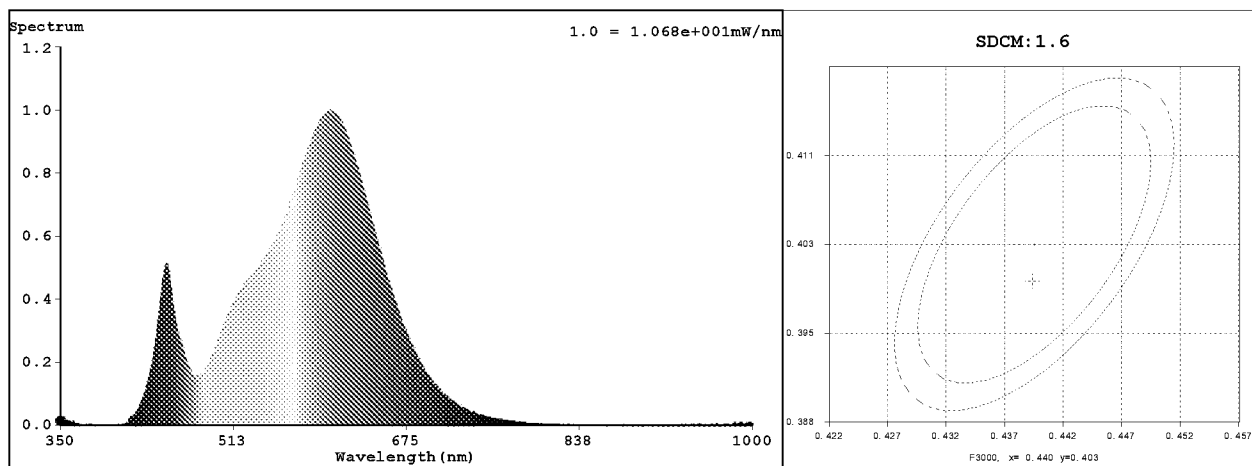
Date : 2021-08-16 13:11:25
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 51062 (78%)
T : 700 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4398$ $y = 0.3999$ / $u' = 0.2543$ $v' = 0.5201$ ($duv = -2.06e-03$)

CCT= 2918K Prcp WL: Ld=583.9nm Purity=52.0%

Peak WL: Lp=604nm FWHM: =119.8nm Ratio:R=23.5% G=74.2% B=2.4%

Render Index: Ra = 81.5

R1 =80 R2 =90 R3 =96 R4 =79 R5 =80 R6 =88 R7 =81
R8 =56 R9 =3 R10=78 R11=79 R12=73 R13=82 R14=98 R15=72

Photometric & Radiometric Parameters

Flux = 504.29 lm Eff. : 53.64 lm/W Fe = 1.5401 W

Electrical parameters

V = 230.3 V I = 0.06892 A P = 9.401 W PF = 0.5923 F=49.99 Hz