

### HARBOUR EXPRESS QUAD POWER

8-16W, 10-19W, 16-31W, 26-49W,  
29-57W

IP66, 2ft, 4ft, 5ft, 6ft



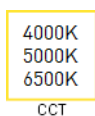
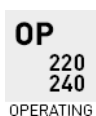
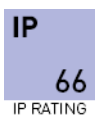
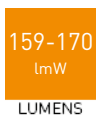
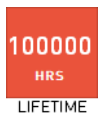
## PRODUCT INFORMATION DOCUMENT

### FEATURES

- Suitable for workshops, garages, warehouses, car parks, farm buildings, wet areas
- Unique design allowing switch between four wattages to suit installation area requirements
- Two-piece construction making wiring and installation much easier and faster
- Vandal resistant polycarbonate housing and diffuser providing very high impact protection rating of IK10
- Complete with stainless steel clips and screws
- Can easily be converted to emergency using R3EM2P-04 dual test emergency pack sold as an accessory
- Plug and play microwave sensor available as an accessory (RHEMW)

### CONSTRUCTION

- Grey coloured polycarbonate body
- Opal polycarbonate diffuser
- Stainless steel clips



| Product Code:                      | RHE16X2FT-24        | RHE32X4FT-24        | RHE20X5FT-24        | RHE50X5FT-24<br>RHE50X5EFT-24 | RHE70X5EFT-24        | RHE30X6FT-24        | RHE60X6FT-24        |
|------------------------------------|---------------------|---------------------|---------------------|-------------------------------|----------------------|---------------------|---------------------|
| Comparable to:                     | 2-4 x 18W T8        | 2-4 x 36W T8        | 1-2 x 58W T8        | 2-4 x 58W T8                  | 2-4 x 58W T8         | 1-2 x 70W T8        | 2-4 x 70W T8        |
| Total Power [W]:                   | 7.6/9.9/12.7/15.2   | 16.5/21.6/26.3/31.4 | 9.5/12.3/15.7/18.6  | 25.6/33.3/41.6/49.4           | 36.2/47.3/58.3/69.5  | 15.2/20.0/24.5/29.2 | 29.4/38.3/48.0/56.9 |
| Power Factor:                      | 0.8                 | 0.9                 | 0.9                 | 0.9                           | 0.9                  | 0.9                 | 0.9                 |
| Beam Angle [Deg]:                  | 120                 | 120                 | 120                 | 120                           | 120                  | 120                 | 120                 |
| Total Light Output [lm]:           | 1240/1630/2050/2420 | 2460/3540/4340/5170 | 1620/2080/2970/3020 | 4190/5460/6730/7860           | 6030/7870/9600/11310 | 2440/3210/3970/4740 | 4780/6290/7870/9250 |
| Total Emergency Light Output [lm]: | NA                  | NA                  | NA                  | NA                            | NA                   | NA                  | NA                  |
| Efficacy [lm/cctW]:                | 164/165/163/159     | 160/164/165/165     | 170/169/165/162     | 163/164/162/159               | 166/166/165/162      | 160/161/162/162     | 163/164/164/163     |
| Lux at 1m [lux]:                   | 360/480/600/710     | 760/1020/1250/1490  | 480/610/760/890     | 1240/1610/1990/2320           | 1760/2300/2800/3300  | 640/850/1050/1250   | 1260/1660/2080/2440 |
| Emergency Lux at 1m [lux]:         | NA                  | NA                  | NA                  | NA                            | NA                   | NA                  | NA                  |
| CCT [K]:                           | 4000/5000/6500      | 4000/5000/6500      | 4000/5000/6500      | 4000/5000/6500                | 4000/5000/6500       | 4000/5000/6500      | 4000/5000/6500      |
| CRI:                               | 80                  | 80                  | 80                  | 80                            | 80                   | 80                  | 80                  |
| IP:                                | 66                  | 66                  | 66                  | 66                            | 66                   | 66                  | 66                  |
| Operation Temperature [°C]:        | -20 ≤ Ta ≤ +40      | -20 ≤ Ta ≤ +40      | -20 ≤ Ta ≤ +40      | -20 ≤ Ta ≤ +40                | -20 ≤ Ta ≤ +40       | -20 ≤ Ta ≤ +40      | -20 ≤ Ta ≤ +40      |
| Inrush Current:                    | 11A/300us           | 12A/350us           | 32A/300us           | 40A/400us                     | 20A/195us            | 35A/350us           | 16.2/360us          |
| RG Value:                          | 0                   | 0                   | 0                   | 0                             | 0                    | 0                   | 0                   |
| SDCM:                              | 6                   | 6                   | 6                   | 6                             | 6                    | 6                   | 6                   |
| Pst LM:                            | NA                  | NA                  | NA                  | NA                            | NA                   | NA                  | NA                  |
| SVM:                               | NA                  | NA                  | NA                  | NA                            | NA                   | NA                  | NA                  |
| Energy Class:                      | C                   | C                   | C                   | C                             | C                    | C                   | C                   |
| Rated Life to L70B50 [Hrs]:        | 100000              | 100000              | 100000              | 100000                        | 100000               | 100000              | 100000              |
| Dimensions LxWxH [mm]:             | 670x96x78           | 1270x96x78          | 1570x96x78          | 1570x96x78                    | 1570x96x78           | 1870x96x78          | 1870x96x78          |
| Weight [kg]:                       | 0.77                | 1.4                 | 1.73                | 1.8                           | 1.95                 | 2.15                | 2.25                |

| Separate Control Gear Information |           |           |           |           |           |           |           |
|-----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Type of Light Source:             | LED       | LED       | LED       | LED       | LED       | LED       | LED       |
| Full Load Efficiency [%]:         | 91        | 92        | 91        | 93        | 94        | 92        | 93        |
| P <sub>HEF</sub> [W]:             | NA        | NA        | NA        | NA        | NA        | NA        | NA        |
| Dimensions [mm]:                  | 118x64x29 | 153x64x29 | 118x64x29 | 190x63x29 | 192x65x29 | 153x64x29 | 190x63x29 |

Product is certified to all the relevant standards.

Please contact our technical department for market specific compliances.

PLEASE NOTE: INFORMATION IN THIS DOCUMENT MAY BE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

IRE: TEL: +353 1 709 9000  
UK: TEL: 0800 973 220  
AUS: TEL: +61 7 3890 5444  
NZ: TEL: +64 03 668 5285

WEB: ROBUS.COM  
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# HARBOUR EXPRESS QUAD POWER

8-16W, 10-19W, 16-31W, 26-49W,  
29-57W

IP65, 2ft, 4ft, 5ft, 6ft

| Height | Eavg, Emax     | Diameter  |
|--------|----------------|-----------|
| 1m     | 462.9, 2447lx  | 427.93cm  |
| 2m     | 115.7, 611.9lx | 855.85cm  |
| 3m     | 51.43, 271.9lx | 1283.78cm |
| 4m     | 28.93, 153.0lx | 1711.70cm |
| 5m     | 18.52, 97.90lx | 2139.63cm |
| 6m     | 12.86, 67.98lx | 2567.56cm |
| 7m     | 9.447, 49.95lx | 2995.48cm |
| 8m     | 7.233, 38.24lx | 3423.41cm |
| 9m     | 5.715, 30.22lx | 3851.33cm |
| 10m    | 4.629, 24.47lx | 4279.26cm |

Diagram for RHE60X6FT-24 in 60W 5000K Other diagrams available on request

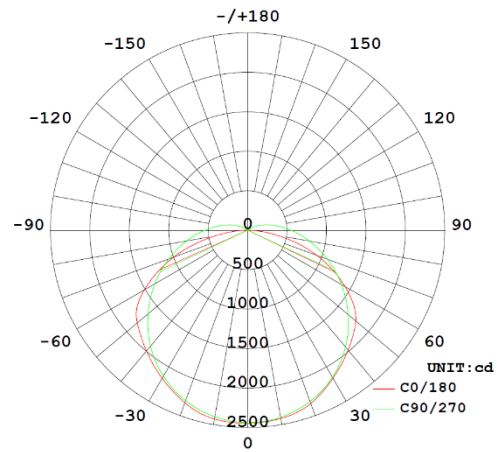
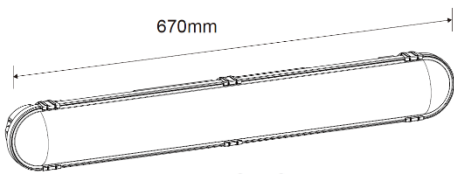


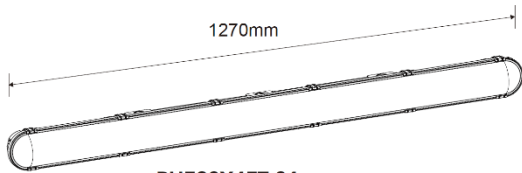
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R3EM2P-04  
RHEMW

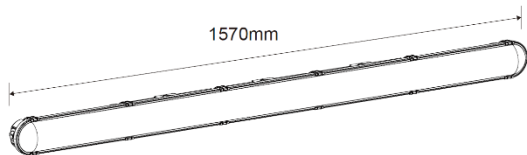
2W 3 Hour DUAL TEST Emergency Pack  
Harbour Express Plug-in Microwave  
Sensor



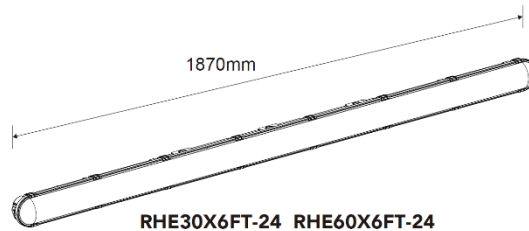
**RHE16X2FT-24**



**RHE32X4FT-24**



**RHE20X5FT-24 RHE50X5FT-24**  
**RHE50X5FTE-24**



**RHE30X6FT-24 RHE60X6FT-24**

