

# QUEST PLUS LED HB NT 42000LM I KL. IP66 840 SP10KV (288W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                              |               |
|------------------------------|---------------|
| Index:                       | x             |
| Ingress protection:          | IP66          |
| Impact resistance:           | IK10          |
| Nominal power [W]:           | 96            |
| Luminous flux [lm]*:         | 13600 - 42000 |
| Colour temperature [K]:      | 4000          |
| Colour rendering index:      | >80           |
| SDCM:                        | ≤ 3           |
| Electrical protection class: | I; II         |
| Energy efficiency class:     | C; D          |

## CHARACTERISTICS

High-quality highbay with inbuilt LED source. The body is made of die-cast aluminium, powder coated in grey (RAL 9006), and the mounting bracket is made of black-painted steel. The diffuser is made of 5 mm thick tempered glass.

Available version with radio motion sensor:

- allowing additional savings in electricity consumption
- convenient change of parameters by remote control (to be purchased separately).

## APPLICATION

The luminaire is dedicated for surface or suspended installation (with chains) for educational, administrative and administrative facilities, halls, garages, passages, warehouses, shops, the food industry and commercial and service facilities related to food goods.

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## TECHNICAL PARAMETERS TABLE

|                                   |                                        |                           |                                                                 |
|-----------------------------------|----------------------------------------|---------------------------|-----------------------------------------------------------------|
| Light source:                     | moduł LED                              | Working temperature [°C]: | od -20 do +35; od -25 do +35                                    |
| Nominal power [W]:                | 96                                     | DIMM DALI:                | yes                                                             |
| Rated power of the luminaire [W]: | 100.40; 147.30; 200.80; 266.80; 294.60 | Wire type:                | H05RR-F; H07RN-F                                                |
| Supply voltage [V]:               | 220-240                                | Cable length [m]:         | 0.70; 0.90                                                      |
| Frequency [Hz]:                   | 50-60                                  | Protection type:          | 10kV                                                            |
| Luminous flux [lm]:               | 13600 - 42000                          | CE certificate:           | 158/2018; 33/2019                                               |
| Luminous efficacy [lm/W]:         | 159                                    | Index:                    | x                                                               |
| Energy efficiency class:          | C; D                                   | EAN:                      | x                                                               |
| Electrical protection class:      | I; II                                  | Category type:            | high-bay and low-bay                                            |
| Colour temperature [K]:           | 4000                                   | Version:                  | 1xL; 1xM; 2xL; 2xM                                              |
| Colour rendering index:           | >80                                    | AC voltage range [V]:     | 198 - 264                                                       |
| SDCM:                             | ≤ 3                                    | DC voltage range [V]:     | 176 - 280                                                       |
| Power factor:                     | 0.99                                   | UGR (4H8H):               | < 22; <22                                                       |
| Beam angle [°]:                   | 70; 120; 125/30                        | LED lifespan L70B50 [h]:  | 112000                                                          |
| Surge protection [kV]:            | 10                                     | LED lifespan L80B20 [h]:  | 71000                                                           |
| Diffuser material:                | szkło hartowane                        | LED lifespan L90B10 [h]:  | 35000                                                           |
| Diffuser type:                    | transparentny                          | Light distribution type:  | 125/30 korytarzowy; 70 UGR<22; prostokątny; symetryczny         |
| Diffuser colour:                  | transparentny                          | Additional accessories:   | siatka ochronna                                                 |
| Material of the body:             | aluminium                              | Photobiological safety:   | grupa ryzyka 1 (niskie ryzyko)                                  |
| Colour of the body:               | szary                                  | Motion sensor:            | yes                                                             |
| Dimensions (H/W/T/S) [mm]:        | max 428/323/45                         | Warranty [years]:         | do 5 lat (pod warunkiem rejestracji na stronie lenalighting.pl) |
| Mounting dimensions [mm]:         | 470/46; 470/60                         | Warranty [years]:         | 5                                                               |
| Impact resistance:                | IK10                                   | ETIM class:               | EC001716; EC001716                                              |
| Ingress protection:               | IP66                                   | Manual:                   | <a href="#">Download PDF</a>                                    |
| Mounting version:                 | natynkowy; zwieszany                   |                           |                                                                 |

## TECHNICAL DETAILS



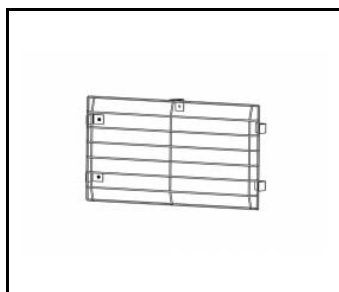
przewód / cable H07RN-F 0,7m

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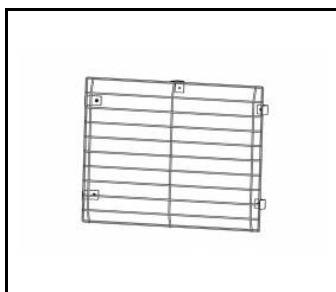
DETAILED CARD

## ACCESSORIES AVAILABLE

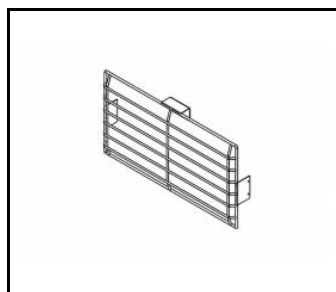
| index   | Name                                                          |
|---------|---------------------------------------------------------------|
| 559907  | QUEST PLUS LED M protective grid RAL9006                      |
| 559914  | QUEST PLUS LED L protective grid RAL9006                      |
| 559952  | QUEST PLUS LED HB M protective grid RAL9006 single suspension |
| 559945  | QUEST PLUS LED HB L protective grid RAL9006 single suspension |
| 559884  | QUEST PLUS LED L - frame for recessed mounting                |
| 559891  | QUEST PLUS LED M - frame for recessed mounting                |
| WSEL438 | WSEL438 HD01R Remote control for motion sensor                |



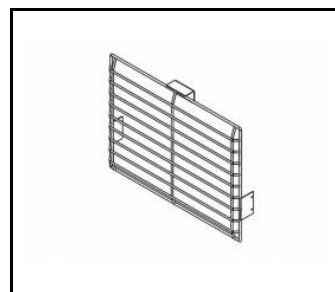
QUEST PLUS LED M protective grid RAL9006 (559907)



QUEST PLUS LED L protective grid RAL9006 (559914)



QUEST PLUS LED HB M protective grid RAL9006 single suspension (559952)



QUEST PLUS LED HB L protective grid RAL9006 single suspension (559945)



QUEST PLUS LED L - frame for recessed mounting (559884)



QUEST PLUS LED M - frame for recessed mounting (559891)



WSEL438 HD01R Remote control for motion sensor (WSEL438)

Card creation date: 17 February 2021

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. \* Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 33/2019