

# Emergency luminaire KB Cool WirelessControl ERTLED 3h 230VAC

Universal mounting, IP65, temp. range -30° up to 40°C, 4x1W ERT-LED, LiFePO4 batteries and electronics in external IP54 housing (176 x 130 x 76mm) to be mounted outside the cold area, modular version with optionally available pictogram panels with viewing distance 14m, 22m, 30m, 460lm, radio switchable



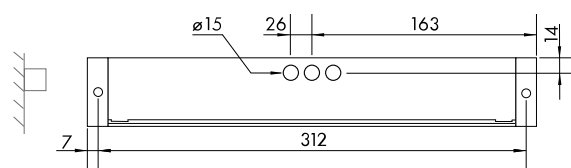
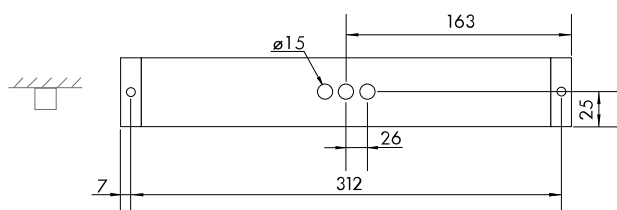
## Technical Data

|                                  |                                      |
|----------------------------------|--------------------------------------|
| Net length (mm)                  | 326,00                               |
| Net width (mm)                   | 50,00                                |
| Net height (mm)                  | 50,00                                |
| Net weight (kg)                  | 1,01                                 |
| Luminaire type                   | modular safety luminaire             |
| Self contained - central battery | Self contained luminaire             |
| Function                         | WirelessControl Low Temperature      |
| Version                          | Plastic luminaire<br>edge luminaire  |
| Design                           | KB                                   |
| Halogen-free                     | Housing made of halogen-free plastic |

## Technical Data - continued

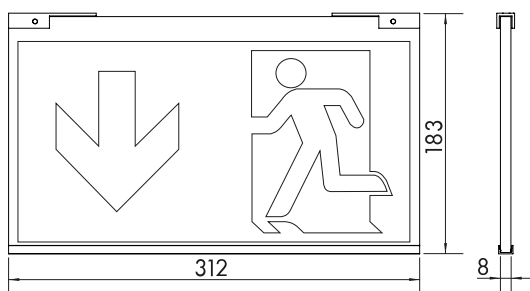
|                               |                                                                                                      |
|-------------------------------|------------------------------------------------------------------------------------------------------|
| Colour                        | White                                                                                                |
| Backup time (h)               | 3                                                                                                    |
| Illuminant                    | ERT-LED (4W)                                                                                         |
| Lumen                         | 460                                                                                                  |
| Voltage range (V)             | 230V AC 50Hz ±20%                                                                                    |
| Power maintained mode (W)     | 7                                                                                                    |
| Power non-maintained mode (W) | 2                                                                                                    |
| Power max. (W)                | 8,20                                                                                                 |
| Battery (V/Ah)                | 2x 3,2V/1,6Ah LiFePO4                                                                                |
| IP Rating                     | IP65                                                                                                 |
| Impact Resistance             | IK05                                                                                                 |
| Mounting                      | surface mounting ceiling<br>surface mounting wall<br>recessed mounting ceiling optional<br>universal |
| Min. ambient temperature (°C) | -30                                                                                                  |
| Max. ambient temperature (°C) | 40                                                                                                   |
| AA Class E 8101               | AA3<br>AA4<br>AA5                                                                                    |
| Manufacturer                  | Schrack                                                                                              |

## Drilling distances (mm)

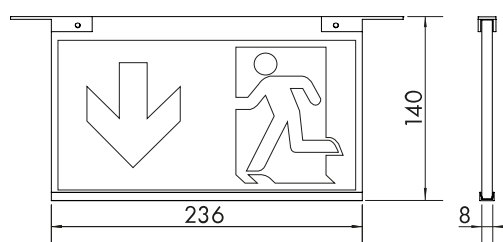


## Dimensions (mm) optional pictogram edges

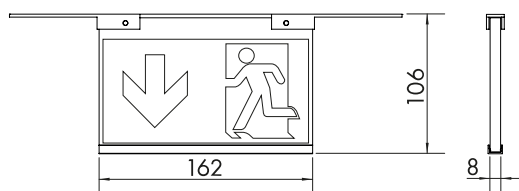
NLKBG



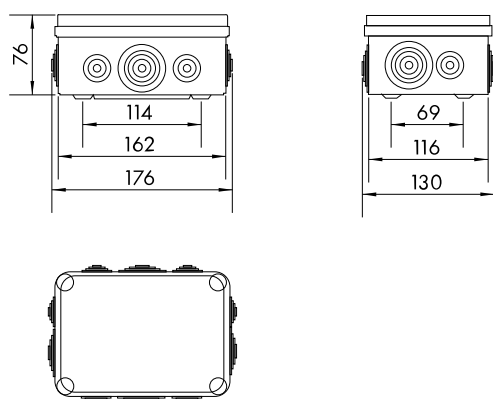
NLKBM



NLKBBK



## Dimensions (mm)



**Spacing table with corridor lens (included in scope delivery) - Min. illuminance on the center line +/- 0.5 m: 1 lx - Maintenance factor 0.80 - Autonomy time 1h/3h**

|  |  |  |  |  |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 2,00                                                                              | 6,12                                                                              | 13,53                                                                             | 10,75                                                                             | 8,10                                                                                | 3,19                                                                                |
| 2,50                                                                              | 7,19                                                                              | 16,08                                                                             | 12,41                                                                             | 8,75                                                                                | 3,41                                                                                |
| 3,00                                                                              | 8,12                                                                              | 18,39                                                                             | 13,89                                                                             | 9,31                                                                                | 3,54                                                                                |
| 3,50                                                                              | 8,80                                                                              | 20,50                                                                             | 15,15                                                                             | 9,74                                                                                | 3,63                                                                                |
| 4,00                                                                              | 9,43                                                                              | 22,47                                                                             | 16,24                                                                             | 10,00                                                                               | 3,60                                                                                |
| 5,00                                                                              | 6,70                                                                              | 25,47                                                                             | 17,84                                                                             | 10,32                                                                               | 3,19                                                                                |
| 6,00                                                                              | 4,99                                                                              | 24,03                                                                             | 14,57                                                                             | 10,05                                                                               | 2,88                                                                                |
| 7,00                                                                              | 2,73                                                                              | 21,79                                                                             | 13,03                                                                             | 9,14                                                                                | 1,95                                                                                |

**Spacing table with round lens (NLLSYSR4 must be ordered separately) - Min. illuminance on the center line +/- 0.5 m: 1 lx - Maintenance factor 0.80 - Autonomy time 1h/3h**

|  |  |  |  |  |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 2,00                                                                              | 4,13                                                                              | 9,19                                                                              | 9,19                                                                              | 9,19                                                                                | 4,13                                                                                |
| 2,50                                                                              | 4,86                                                                              | 10,66                                                                             | 10,66                                                                             | 10,66                                                                               | 4,86                                                                                |
| 3,00                                                                              | 5,52                                                                              | 12,25                                                                             | 12,25                                                                             | 12,25                                                                               | 5,52                                                                                |
| 3,50                                                                              | 6,09                                                                              | 13,71                                                                             | 13,71                                                                             | 13,71                                                                               | 6,09                                                                                |
| 4,00                                                                              | 6,19                                                                              | 15,04                                                                             | 15,04                                                                             | 15,04                                                                               | 6,19                                                                                |
| 5,00                                                                              | 4,36                                                                              | 16,30                                                                             | 16,30                                                                             | 16,30                                                                               | 4,36                                                                                |
| 6,00                                                                              | 2,01                                                                              | 15,38                                                                             | 15,38                                                                             | 15,38                                                                               | 2,01                                                                                |

**Spacing table with spot lens (NLLSYSS4 must be ordered separately) - Min. illuminance on the center line +/- 0.5 m: 1 lx - Maintenance factor 0.80 - Autonomy time 1h/3h**

|  |  |  |  |  |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 2,00                                                                                | 1,93                                                                                | 4,71                                                                                | 4,71                                                                                | 4,71                                                                                  | 1,93                                                                                  |
| 2,50                                                                                | 2,42                                                                                | 5,89                                                                                | 5,89                                                                                | 5,89                                                                                  | 2,42                                                                                  |
| 3,00                                                                                | 2,86                                                                                | 7,00                                                                                | 7,00                                                                                | 7,00                                                                                  | 2,86                                                                                  |
| 3,50                                                                                | 3,14                                                                                | 7,45                                                                                | 7,45                                                                                | 7,45                                                                                  | 3,14                                                                                  |
| 4,00                                                                                | 3,37                                                                                | 7,86                                                                                | 7,86                                                                                | 7,86                                                                                  | 3,37                                                                                  |
| 5,00                                                                                | 3,89                                                                                | 9,00                                                                                | 9,00                                                                                | 9,00                                                                                  | 3,89                                                                                  |
| 6,00                                                                                | 4,32                                                                                | 9,93                                                                                | 9,93                                                                                | 9,93                                                                                  | 4,32                                                                                  |
| 7,00                                                                                | 4,67                                                                                | 11,00                                                                               | 11,00                                                                               | 11,00                                                                                 | 4,67                                                                                  |
| 8,00                                                                                | 4,96                                                                                | 11,90                                                                               | 11,90                                                                               | 11,90                                                                                 | 4,96                                                                                  |
| 9,00                                                                                | 5,14                                                                                | 12,63                                                                               | 12,63                                                                               | 12,63                                                                                 | 5,14                                                                                  |
| 10,00                                                                               | 5,22                                                                                | 13,33                                                                               | 13,33                                                                               | 13,33                                                                                 | 5,22                                                                                  |
| 12,00                                                                               | 5,13                                                                                | 14,35                                                                               | 14,35                                                                               | 14,35                                                                                 | 5,13                                                                                  |
| 14,00                                                                               | 4,72                                                                                | 14,80                                                                               | 14,80                                                                               | 14,80                                                                                 | 4,72                                                                                  |
| 16,00                                                                               | 3,96                                                                                | 14,72                                                                               | 14,72                                                                               | 14,72                                                                                 | 3,96                                                                                  |

**Spacing table with high corridor lens (NLLSYSH4 must be ordered separately)  
- Min. illuminance on the center line +/- 0.5 m: 1 lx - Maintenance factor 0.80 -  
Autonomy time 1h/3h**

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| 2,00                                                                              | 4,29                                                                              | 9,62                                                                              | 7,50                                                                              | 5,44                                                                                | 1,99                                                                                |
| 2,50                                                                              | 5,26                                                                              | 11,88                                                                             | 9,29                                                                              | 6,78                                                                                | 2,48                                                                                |
| 3,00                                                                              | 5,87                                                                              | 13,49                                                                             | 10,27                                                                             | 7,01                                                                                | 2,51                                                                                |
| 3,50                                                                              | 6,42                                                                              | 14,94                                                                             | 11,04                                                                             | 7,13                                                                                | 2,55                                                                                |
| 4,00                                                                              | 6,91                                                                              | 16,23                                                                             | 11,70                                                                             | 7,18                                                                                | 2,58                                                                                |
| 5,00                                                                              | 7,54                                                                              | 18,49                                                                             | 12,87                                                                             | 7,29                                                                                | 2,16                                                                                |
| 6,00                                                                              | 8,01                                                                              | 20,33                                                                             | 13,67                                                                             | 7,02                                                                                | 2,08                                                                                |
| 7,00                                                                              | 8,35                                                                              | 21,54                                                                             | 13,91                                                                             | 6,17                                                                                | 2,20                                                                                |
| 8,00                                                                              | 8,47                                                                              | 22,54                                                                             | 13,97                                                                             | 5,79                                                                                | 2,20                                                                                |
| 9,00                                                                              | 8,43                                                                              | 23,34                                                                             | 14,13                                                                             | 6,08                                                                                | 2,25                                                                                |
| 10,00                                                                             | 8,23                                                                              | 23,97                                                                             | 14,15                                                                             | 6,24                                                                                | 2,27                                                                                |
| 12,00                                                                             | 7,44                                                                              | 24,35                                                                             | 13,76                                                                             | 6,28                                                                                | 2,09                                                                                |
| 14,00                                                                             | 5,68                                                                              | 23,75                                                                             | 12,67                                                                             | 6,42                                                                                | 1,64                                                                                |

## Article Table

| DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                     | Order No.  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Emergency luminaire KB Cool WirelessControl ERTLED 3h 230VAC<br>Universal mounting, IP65, temp. range -30° up to 40°C, 4x1W ERT-LED, LiFePO4 batteries and electronics in external IP54 housing (176 x 130 x 76mm) to be mounted outside the cold area, modular version with optionally available pictogram panels with viewing distance 14m, 22m, 30m, 460lm, radio switchable | NLKBUC433W |
| <b>Optional Accessories</b>                                                                                                                                                                                                                                                                                                                                                     |            |
| Edge for emergency luminaire Design KB incl. 4 pictos 22m                                                                                                                                                                                                                                                                                                                       | NLKBM      |
| Edge for emergency luminaire Design KB incl. 4 pictos 30m                                                                                                                                                                                                                                                                                                                       | NLKBG      |
| Edge for emergency luminaire Design KB incl. 4 pictos 14m                                                                                                                                                                                                                                                                                                                       | NLKBK      |
| Rain cover for emergency luminaires Design KB plexiglass                                                                                                                                                                                                                                                                                                                        | NLKB RD    |
| Recessed frame for emergency luminaire Design KB<br>Required ceiling cut out: 355 x 70 mm                                                                                                                                                                                                                                                                                       | NLKBE      |
| Concrete plaster box for emergency luminaire Design KB                                                                                                                                                                                                                                                                                                                          | NLKB BE    |
| Parallel wallbracket white, suitable for: KB                                                                                                                                                                                                                                                                                                                                    | NLAWW008   |
| Set 2 accus LiFePO4 3,2V 1,6Ah f. luminaires. w. LEO or LPK<br>LiFePO4 - Lithium-iron phosphat battery , UN3480 - UN 3480 : Lithium-Ion batteries                                                                                                                                                                                                                               | NLAKKU3216 |
| Pendant 500 mm silver, prewired                                                                                                                                                                                                                                                                                                                                                 | NL2DS      |
| Design-pendant pair 500 mm white, prewired                                                                                                                                                                                                                                                                                                                                      | NL2DW      |
| Pendant pair 500 mm white, prewired                                                                                                                                                                                                                                                                                                                                             | NL2PW      |
| Wall bracket white suitable for: KB, KX, KW, KCD, KE, GX, RX                                                                                                                                                                                                                                                                                                                    | NLAWX001   |
| Design cord suspension 2000mm, 1 pair                                                                                                                                                                                                                                                                                                                                           | NLDSA000   |
| Cord suspension 2000mm, 1 pair                                                                                                                                                                                                                                                                                                                                                  | NLCORD2    |

## Article Table

| DESCRIPTION                                                                                                                                                                                                 | Order No.  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Optional Accessories</b>                                                                                                                                                                                 |            |
| Cord suspension 4000mm, 1 pair                                                                                                                                                                              | NLCORD4    |
| 4 LED changeable lenses: Corridor-illuminating escape routes<br>Suitable for emergency luminaires with exchangeable lens system                                                                             | NLLSYSF4   |
| 4 LED changeable lens: Round-illuminating circular surfaces<br>Suitable for emergency luminaires with changeable lens system                                                                                | NLLSYSR4   |
| 4 LED changeable lens: Spot area illumination for high rooms<br>Suitable for emergency luminaires with changeable lens system                                                                               | NLLSYSS4   |
| 4 LED changeable lenses: corridor illuminat. high rooms >4m<br>Suitable for emergency luminaires with changeable lens system                                                                                | NLLSYSH4   |
| 4 LED changeable lens: Beam-asymmetric illumination<br>For illumination of safety equipment (e.g. first aid boxes, fire extinguishers, etc.), Suitable for emergency luminaires with changeable lens system | NLLSYSB4   |
|                                                                                                                                                                                                             | NLTESTSC2  |
| Protective cover for test buttons NLTEST2---                                                                                                                                                                | NLTEST2COV |