

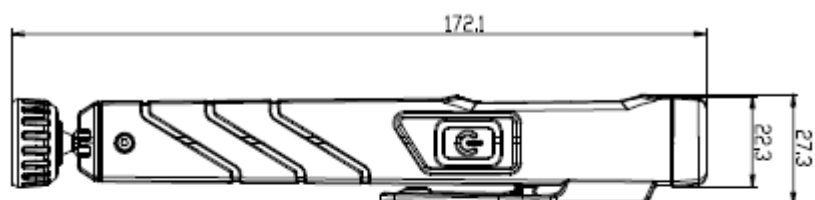


Produktname | *Product name*: PL210R  
 Artikelnummer | *Part Number*: 1600-0305  
 Anfragenummer | *Inquiry Number*: 810210  
 Ersteller / Datum | *Creator / Date*: LHE / 10.02.2019

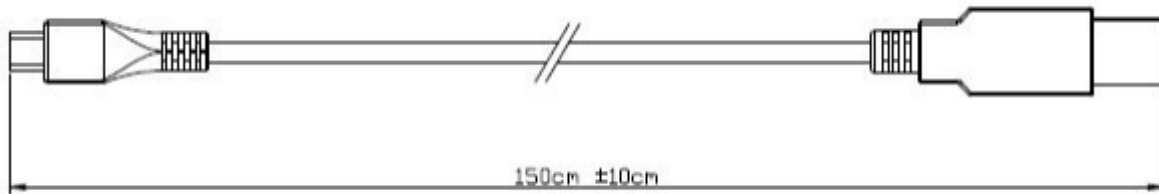
| Version | Änderung / Change | Datum / Date | Name |
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| V0      | ---               | 10.02.2019   | LHE  |

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## Zeichnung der Leuchte / Drawing of the light



Allowable deviation / general tolerances DIN ISO 2768-c

**Zeichnung des Micro USB Kabels / *Drawing of the micro USB cable***

Allowable deviation / general tolerances DIN ISO 2768-c

**Technische Daten der Leuchte / Technical data of the light:**


|                                  |                                                           |                                       |                                                  |
|----------------------------------|-----------------------------------------------------------|---------------------------------------|--------------------------------------------------|
| Haupt-LED-Leuchtmittel:          | 7 x SMD LEDs                                              | Main LED illuminant:                  | 7 x SMD LEDs                                     |
| Optisches System der Haupt-LED:  | Weitwinkel-<br>ausleuchtung                               | Optical system of the main LED:       | wide angle illumination                          |
| Zusatz-LED-Leuchtmittel:         | 1 W SMD                                                   | Additional LED illuminant:            | 1 W SMD                                          |
| Optisches System der Zusatz-LED: | Punkt fokussiert mit<br>etwas Weitwinkel-<br>ausleuchtung | Optical system of the additional LED: | Point focus with some<br>wide angle illumination |
| Schalterfunktion:                | 1. Zusatz-LED                                             | Switch function:                      | 1. Additional LED                                |
|                                  | 2. Haupt-LED bei 100 %                                    |                                       | 2. Main LED at 100 %                             |
|                                  | 3. Aus                                                    |                                       | 3. Off                                           |

|                                                                              |                             |                 |                                                                   |                       |                    |
|------------------------------------------------------------------------------|-----------------------------|-----------------|-------------------------------------------------------------------|-----------------------|--------------------|
| LED Leistung:                                                                | Haupt-<br>LED bei<br>100 %: | Zusatz-<br>LED: | LED power:                                                        | Main LED<br>at 100 %: | Additional<br>LED: |
| Lichtstrom:<br>[Lumen] (ca.)                                                 | 210 lm                      | 90 lm           | Luminous flux<br>(light output):<br>[Lumen] (approx.)             | 210 lm                | 90 lm              |
| Leuchtdauer:<br>(ca.)                                                        | 2 h 30 min                  | 5 h 00 min      | Run time:<br>(approx.)                                            | 2 h 30 min            | 5 h 00 min         |
| Leuchtweite:<br>(ca.)                                                        | 20 m                        | 30 m            | Beam distance:<br>(approx.)                                       | 20 m                  | 30 m               |
| Maximale Lichtstärke:<br>[Candela] (ca.)                                     | 90 cd                       | 200 cd          | Peak beam / luminous<br>intensity:<br>[Candela] (approx.)         | 90 cd                 | 200 cd             |
| Maximale<br>Beleuchtungsstärke:<br>[Lux] (ca.)<br>(Abstand: 0,5 m)           | 350 lx                      | 800 lx          | Peak beam illuminance:<br>[Lux] (approx.)<br>(Distance: 0.5 m)    | 350 lx                | 800 lx             |
| Risikogruppe:<br>(EN 62471; Bewertet<br>nach DIN IEC/TR 62778<br>Anhang C.2) | 2                           | 2               | Risk group:<br>(EN 62471; Assessed<br>with TR 62778 Annex<br>C.2) | 2                     | 2                  |

|                     |                                                                        |                                |                                                                     |
|---------------------|------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------|
| Akkupack:           | Li-ion 3.7 V 1100 mAh<br>mit Sicherheitselektronik<br>integriert       | Rechargeable battery<br>pack:  | Li-ion 3.7 V 1100 mAh<br>with safety board<br>integrated            |
| Weitere Merkmale:   | - 1 Magnete auf der<br>Rückseite<br>- drehbarer Standfuß<br>mit Magnet | Further characteristics:       | - 1 magnets on the<br>back side<br>- turn able stand with<br>magnet |
| Tiefentladeschutz:  | Ja                                                                     | Deep discharge<br>protection:  | Yes                                                                 |
| Schutzart:          | Ip20                                                                   | Ingress Protection<br>Marking: | Ip20                                                                |
| Schutzklasse:       | III                                                                    | Protection class:              | III                                                                 |
| Getestete Fallhöhe: | 2 m                                                                    | Tested drop height:            | 2 m                                                                 |

**Datenblatt | data sheet: PL210R (1600-0305)**

|                      |                                                     |                                                         |                                                                   |
|----------------------|-----------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------|
| Stoßfestigkeitsgrad: | IK07                                                | <i>Degree of protection against mechanical impacts:</i> | IK07                                                              |
| Gehäusematerial:     | ABS+ Kunststoff / TPR<br>Schalter / PC Linse        | <i>Housing material:</i>                                | ABS+ plastic / TPR<br>button / PC lens                            |
| Betriebstemperatur:  | -10 °C...40 °C                                      | <i>Operating temperature:</i>                           | -10 °C...40 °C                                                    |
| Approbationen:       | CE                                                  | <i>Approvals:</i>                                       | CE                                                                |
| Gewicht:             | 81 g (Lampe mit Akku)<br>117 g (Lampe +<br>Zubehör) | <i>Weight:</i>                                          | 81 g (lamp with battery<br>pack)<br>117 g (lamp +<br>accessories) |

|                                             |                                                  |                                                  |                                                 |
|---------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------|
| Eingangsbuchse:                             | Micro USB Buchse mit<br>Gummiabdeckung           | <i>Input Socket:</i>                             | Micro USB socket with<br>rubber cover           |
| Eingangsspannung:                           | 5 V DC                                           | <i>Input voltage:</i>                            | 5 V DC                                          |
| Eingangsstrom:                              | 500 mA                                           | <i>Input current:</i>                            | 500 mA                                          |
| Ladeverfahren:                              | CCCV                                             | <i>Charging method:</i>                          | CCCV                                            |
| Ladezeit:                                   | ca. 3 Stunden                                    | <i>Charging time:</i>                            | approx. 3 hours                                 |
| Ladetemperatur:                             | 0 °C...40 °C                                     | <i>Charging temperature:</i>                     | 0 °C...40 °C                                    |
| Ladeumgebungs-<br>bedingungen:              | Nur in geschlossenen<br>Räumen laden.            | <i>Ambient conditions<br/>during charging:</i>   | Only charge in closed<br>rooms.                 |
| Ladezustandsanzeige:                        | Vollgeladen:<br>Anzeige-LED leuchtet<br>grün     | <i>Charging status<br/>indicator:</i>            | Fully charged:<br>Indication LED light<br>green |
|                                             | Laden:<br>Anzeige-LED leuchtet<br>rot            |                                                  | Charging:<br>Indication LED lights red          |
| Leuchtmittel-Betrieb<br>während des Ladens: | Leuchten während dem<br>Laden ist nicht erlaubt. | <i>illuminant operation<br/>during charging:</i> | Lighting while charging<br>is not allowed.      |

|                                                |                                                                                                                                 |                                                      |                                                                                                           |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Verwendungszweck:                              | Werkstattleuchte                                                                                                                | <i>Intended purpose:</i>                             | Work light                                                                                                |
| Verwendungs-<br>einschränkung:                 | - Nicht zur Verwendung<br>in anderen<br>Anwendungen<br>bestimmt.<br>- Nicht für die<br>Raumbeleuchtung im<br>Haushalt geeignet. | <i>Restriction of use:</i>                           | - Not intended for use in<br>other applications.<br>- Not suitable for<br>household room<br>illumination. |
| Für extreme physische<br>Bedingungen geeignet: | Ja                                                                                                                              | <i>Suitable for extreme<br/>physical conditions:</i> | Yes                                                                                                       |

**Technische Daten des Micro USB Kabels / Technical data of the micro USB cable:**


|                  |                  |              |                  |
|------------------|------------------|--------------|------------------|
| Eingangsstecker: | USB type A       | Input plug:  | USB type A       |
| Ausgangsstecker: | Micro USB type B | Output plug: | Micro USB type B |
| Länge:           | 150 cm ± 10 cm   | Length:      | 150 cm ± 10 cm   |
| Farbe:           | Schwarz          | Colour:      | Black            |
| Kabel-Typ:       | Ladekabel        | Cable type:  | Charging cable   |

**Allgemeine technische Daten / Common technical data:**


|                  |                                                                                                                                     |                      |                                                                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Lagertemperatur: | (Device only:)<br>-20 °C...50 °C                                                                                                    | Storage temperature: | (Device only:)<br>-20 °C...50 °C                                                                                                      |
| Lagertemperatur: | -20 °C...30 °C (≤1 Jahr)                                                                                                            | Storage temperature: | -20 °C...30 °C (≤1 year)                                                                                                              |
|                  | -20 °C...45 °C<br>(≤3 Monate)                                                                                                       |                      | -20 °C...45 °C<br>(≤3 months)                                                                                                         |
|                  | -20 °C...60 °C<br>(≤1 Monat)                                                                                                        |                      | -20 °C...60 °C<br>(≤1 month)                                                                                                          |
| Lieferumfang:    | <ul style="list-style-type: none"> <li>- Leuchte</li> <li>- Micro USB Kabel</li> <li>- Mehrsprachige Bedienungsanleitung</li> </ul> | Shipment:            | <ul style="list-style-type: none"> <li>- Luminary</li> <li>- Micro USB cable</li> <li>- Multilingual operating instruction</li> </ul> |
| Verpackung:      | Farbige Faltschachtel                                                                                                               | Package:             | Coloured folding box                                                                                                                  |